

Addison Airport
Bulk Fuel Storage and Dispensing Facility
Change Order Status
1-12-06

The following provides a summary of all the change orders currently identified for the Addison Texas project. The summary also indicates the "backup information" yet to be provided to the Town of Addison, along with the invoicing status of each change order. All available information related to these change orders will be provided to the Town of Addison, and the Washington Group, by Tuesday 1-17-06--as reference material for a change order meeting scheduled for 1-20-06.

CCR0--We have little in the file for this change order, for Deadman Switches; we need to collect and file any additional correspondence on this one, but it is **not a dollar issue**.

CCR01, Relaxation Chambers--We've provided everything available, except invoices for materials; those invoices will be faxed from Rhode Island. **Invoiced late November**.

CCR02, Chain Link Fence--On this one, we can locate an invoice that includes these materials. **Invoiced late November**.

CCR03, Flow Meter Remote Display--On this one, we have been asked for Rabalais backup and that backup has been provided by Rabalais--dated April 11. We can provide that backup from Rabalais, to the Town of Addison. **Invoiced late November**.

CCR04, Air Eliminator Optical Sensor--Same as above. We can provide that backup from Rabalais. **Invoiced late November**.

CCR05, George Haddaway Drive--No action needed; **not a dollar issue**.

CCR06, Hand Pumps--We can provide an invoice for materials. **Complete; needs to be invoiced--approx \$5000**.

CCR07, Conduit Under Tanks--We have the backup from Rabalais and can provide that. **Invoiced late November**.

CCR08, Live Oak Substitution--This is approved; it will be referenced in CCR019; **this is a credit, will be accounted for with invoice for CCR019**.

CCR09, Oil Water Separator--We need to complete two tasks here: 1) Resubmit the CCR with the new numbers based on the new approach (with backup); and 2) provide our technical explanation for why this is not a construction problem. **Complete; needs to be invoiced--approx \$20000**

CCR010, Relocation of Filter Separator--we provided considerable backup, including an explanation for the delay days claimed; we could provide materials invoices, but we don't have timesheets. We never heard back on the days we requested. **Invoiced late November**.

CCR011, Addition of 5 static reels--This is approved on a not-to-exceed basis. We can provide materials invoices, and a labor estimate. **Invoiced late November**.

CCR012, Conduit Overfill--we need the Rabalais backup on this one. **Invoiced late November**.

CCR013, Headwall, no action required--**not a dollar issue**.

CCR014, A/C for MCC--We've retained all the correspondence related to this change order request. **Denied--not a dollar issue**.

CCR015, Elimination of Two Signs--No action required--**A credit; accounted for with invoice in late November**.

CCR016, Conduit Overfill--No action required; **not a dollar issue**.

CCR017, Paint Striping--Same as above. **A credit; not yet accounted for, because it is not yet complete**.

CCR018, Siemens Fire Detectors--we've received approval; **need to invoice at approximately \$20000**.

- X **CCR019**, Landscaping Changes—Need to resubmit formally, with invoice from subcontractor (landscaper); **need to invoice at approximately \$9000.**
- X **CCR020**, Move Bollards—**Need to submit formally, with invoice from subcontractor, and invoice at approximately \$5000.**
- X **CCR021**, Floating Pump Suction—We need to confirm the price and the days delay and submit— with materials invoices and labor manhours. Complete; **need to invoice at approximately \$20000.**
- X **CCR022**, Potholing—Same as above, plus we need to review backup from Able Concrete on their costs. **Need to invoice at approximately \$16000**
- CCR023**, Fill Line High Level Cutoff—We need to confirm the price and the days delay and submit—with materials invoices and labor manhours. **Complete; need to invoice at approximately \$15000.**
- CCR024**, Vent Line Supports—We need to confirm materials and labor manhours, prepare the CCR, and submit—with materials invoices and manhours. **Complete; need to invoice at approximately \$7000.**
- CCR025**, Reroute lines to vacuum trucks; this was identified by WGI in a site visit on 12-16; we have not implemented—**cost will be about \$3000.**
- CCR026**, Sampling connection on hand pumps; this was identified by WGI in a site visit on 12-16; we have not implemented—**cost will be about \$3000.**

It looks like we're only missing Rabalais backup on CCR012. I think we have all the other subcontractor backups we need.

As has been indicated in earlier correspondence, our craftsmen do not charge their time to a specific task within the project—their time is charged to the project. We are able to provide estimated manhours for that work that was completed before the October 5, 2005 letter from Mark Acevedo; on later work, we attempted to track manhours against specific change orders.

January 17, 2006

Subject: Addison Texas Airport Fuel Farm
Change Orders 019, 020, 021, 022, 023, 024, 025, and 026

CR 019, Landscaping: Addison Parks and Recreation should have information regarding validity of the dollar amount of this item.

CR 020, Move Bollards: Bollards were installed by the contractor without direction or input from the Town or Engineer. The Town ask that they be relocated and provided a detail for where they wanted them placed. The Contractor removed and relocated the bollards. The submitted cost is too high and the Town could take the position that no additional payment is warranted.

CR 021, Floating Pump Suction: The arm on the floating pump suction was too long to fit into the tanks. The Contractor had to cut a section out of the arm and re-weld the flange. There should be no cost for this item because the Contractor is to provide a complete, functional fuel farm.

CR 022, Pot-holing: I believe this is for locating the drain line and digging out the pipe at the damaged area. Had the Contractor complied with the plans and specifications there would be no "Pot-holing". There proposed cost of \$16,000.00 would cover about 200 hours of work for a track hoe, operator and helper. There should be no cost for this item.

CR 023, Fill Line High Level Cutoff: Thielsch was required to drill holes in the 24-inch Overfill Prevention Valve Float Pilot Access where the high level shut off goes. Had they understood how the float was to be installed, they would have had Highland tank install holes. I don't see how his lack of knowledge accrues to us.

CR 024, Vent Line Supports: Any supports for any line is the responsibility of the Contractor.

CR 025, Reroute Lines to Vacuum Trucks: Lines were being installed with an inverted "U" in them which would have trapped air prohibiting the system to function as designed. Deleting the inverted "U" also saved the contractor pipe and two welds.

CR 026, Sampling Connection on Hand Pumps: This was installed to provide the FBO's a way of sampling the water draw off on the Av Gas tanks without having to carry sampling equipment up and down the ladders. Contractor has given an approximate cost of \$3,000.00. Actual cost should be approx. \$200.00.

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CCR021, Floating Pump Suction—We need to confirm the price and the days delay and submit—with materials invoices and labor manhours. Complete; ***need to invoice at approximately \$20000.***

CCR022, Potholing—Same as above, plus we need to review backup from Able Concrete on their costs. ***Need to invoice at approximately \$16000***

CCR023, Fill Line High Level Cutoff—We need to confirm the price and the days delay and submit—with materials invoices and labor manhours. ***Complete; need to invoice at approximately \$15000.***

CCR024, Vent Line Supports—We need to confirm materials and labor manhours, prepare the CCR, and submit—with materials invoices and manhours. ***Complete; need to invoice at approximately \$7000.***

CCR025, Reroute lines to vacuum trucks; this was identified by WGI in a site visit on 12-16; we have not implemented—***cost will be about \$3000.***

CCR026, Sampling connection on hand pumps; this was identified by WGI in a site visit on 12-16; we have not implemented—***cost will be about \$3000.***

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ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|---------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | - | - | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | (\$3,955.00) | (\$10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | - | - | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | - | - | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | (\$700.00) | (\$700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | - | - | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | (\$250.00) | (\$250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$20,410.00 | \$20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| 28 | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$59,025.00 | \$50,759.00 | \$(5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$36,000.00 | \$- | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
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| | GRAND TOTAL | 31 | \$565,345.00 | \$217,470.60 | \$320,629.00 | |

MARCK 587,000
NIMMER 218,000

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MARCH 587,000
MARCH 218,000
MARCH 587,000
MARCH 218,000



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Memo

To: Mark Acevedo
Town of Addison
General Services Director

From: Kevin Davis
Washington Group International

Date: June 15, 2006

Project No.: WGI-ADS 27514
Addison A/P Fuel Farm
Contract Change Requests

Subject: Letters to Thielsch Regarding TEI CCRs #1, #2, #3, #4, #6, #7,
#8/#19, #10, #12, #20, #22, #26, #27 and #28

Attached are two copies of each letter addressing the respective CCR(s). Please sign both copies and then send both to Thielsch. Letters are addressed to Rick N., but should probably go to Cary Franklin in Rhode Island at 195 Frances Avenue; Cranston, RI 02910.

Sincerely,

Kevin Davis
Washington Group International

Attachments



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #1 -- Add Relaxation Chambers

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 1, dated September 15, 2005 as proposed at \$131,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls for labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$118,598.00.

We propose to settle this matter at a cost of \$118,598.00 and 0 time as fair and equitable payment for the services provided under CCR No. 1. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.]

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 1

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

ESTIMATE DETAIL
 MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | U MH | | MH | | LABOR RATE \$/MH | | TTL COST | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST | |
|--|------|------|------|-----|-------|--------|------------------|--|-----------|----------|-----------|----------|-------------|----------|----------------|----------|-----------|------------|--|
| | | | U | MH | MH | | | | UNIT COST | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | | | |
| CONSTRUCTION CHANGE ORDER- 001 REV.A | | | | | | | | | | | | | | | | | | | |
| RELAXATION CHAMBER | 10 | EA | 1.9 | 19 | 48.35 | 919 | | | 7576.41 | 75.764 | | | | | | | 7668.28 | 76.683 | |
| 4" WELD NECK FLANGE | 20 | EA | 1.9 | 38 | 48.35 | 1,837 | | | 40.59 | 812 | | | | | 27.63 | 553 | 160.10 | 3,202 | |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | | | 16.24 | 325 | | | | | | | 98.44 | 1,969 | |
| 4" ISOLATION FIRE SAFE BUTTERFLY VALVE | 10 | EA | 2.5 | 25 | 48.35 | 1,209 | | | 1088.81 | 10,688 | | | | | | | 1189.70 | 11,897 | |
| 4" WELD NECK FLANGE | 20 | EA | 1.8 | 38 | 48.35 | 1,837 | | | 40.59 | 812 | | | | | 27.63 | 553 | 160.10 | 3,202 | |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | | | 16.24 | 325 | | | | | | | 98.44 | 1,969 | |
| SMALL BORE PIPING | | | | | | | | | | | | | | | | | | | |
| 1" PIPING | 150 | LF | 0.13 | 20 | 48.35 | 943 | | | 2.57 | 386 | | | | | 1.01 | 152 | 9.87 | 1,481 | |
| 90 DEG. ELBOW | 20 | EA | 1.8 | 36 | 48.35 | 1,741 | | | 18.94 | 379 | | | | | 26.18 | 524 | 132.16 | 2,643 | |
| TEE | 20 | EA | 2.7 | 54 | 48.35 | 2,611 | | | 27.06 | 541 | | | | | 39.27 | 785 | 196.89 | 3,938 | |
| SIGHT GLASS | 10 | EA | 1.8 | 18 | 48.35 | 870 | | | 507.35 | 5,073 | | | | | 26.18 | 262 | 620.57 | 6,206 | |
| 4" PIPE SUPPORT | 10 | EA | 5 | 50 | 48.35 | 2,418 | | | 237.51 | 2,375 | | | | | | | 479.28 | 4,793 | |
| X-RAY WELDS | 6 | EA | | | | | | | 102.82 | 617 | | | | | | | 102.82 | 617 | |
| TOTALS | | | | 368 | | 17,674 | | | 95,095 | 2,828 | | | | | | | 118,598 | | |

TEI CCR No. 1

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3-30 ESTIMATOR: JIM GIBSON

SUMMARY

MECHANICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP: SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.21176 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23470 | 1.33284 | NA | 1.33284 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION AND "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #1 – Add Relaxation Chambers

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 1, dated September 15, 2005 as proposed at \$131,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls for labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$118,598.00.

We propose to settle this matter at a cost of \$118,598.00 and 0 time as fair and equitable payment for the services provided under CCR No. 1. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 1

ESTIMATE DUE DATE: 11/29/2005
ESTIMATOR: JIM GIBSON

PROJECT CLIENT: ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

ESTIMATE DETAIL
MECHANICAL

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|--|------|------|-------|-----|------------|----------|-------------|----------|----------------|----------|-----------|------------|
| | | | U | MH | RATE \$/MH | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | | |
| CONSTRUCTION CHANGE ORDER- 001 REVA | | | | | | | | | | | | |
| RELAXATION CHAMBER | 10 | EA | 1.9 | 19 | 48.35 | 919 | 7576.41 | 75,764 | | | 7668.28 | 76,683 |
| 4" WELD NECK FLANGE | 20 | EA | 1.9 | 38 | 48.35 | 1,837 | 40.59 | 812 | 27.63 | 553 | 160.10 | 3,202 |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | 16.24 | 325 | | | 98.44 | 1,969 |
| 4" ISOLATION FIRE SAFE BUTTERFLY VALVE | 10 | EA | 2.5 | 25 | 48.35 | 1,209 | 1088.81 | 10,688 | | | 1189.70 | 11,897 |
| 4" WELD NECK FLANGE | 20 | EA | 1.9 | 38 | 48.35 | 1,837 | 40.59 | 812 | 27.63 | 553 | 160.10 | 3,202 |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | 16.24 | 325 | | | 98.44 | 1,969 |
| SMALL BORE PIPING | | | | | | | | | | | | |
| 1" PIPING | 150 | LF | 0.13 | 20 | 48.35 | 943 | 2.57 | 386 | 1.01 | 152 | 9.87 | 1,481 |
| 90 DEG. ELBOW | 20 | EA | 1.8 | 36 | 48.35 | 1,741 | 48.94 | 379 | 26.18 | 524 | 182.16 | 2,643 |
| TEE | 20 | EA | 2.7 | 54 | 48.35 | 2,611 | 27.06 | 541 | 39.27 | 785 | 196.89 | 3,938 |
| SIGHT GLASS | 10 | EA | 1.8 | 18 | 48.35 | 870 | 507.35 | 5,073 | 26.18 | 262 | 620.57 | 6,206 |
| 4" PIPE SUPPORT | 10 | EA | 5 | 50 | 48.35 | 2,418 | 237.51 | 2,375 | | | 479.28 | 4,793 |
| X-RAY WELDS | 6 | EA | | | | | 102.82 | 617 | | | 102.82 | 617 |
| TOTALS | | | | 366 | | 17,674 | | 96,096 | | 2,828 | | 118,598 |

TEI CCR No. 1

EST LEVEL: C.O.
ESTIMATE DUE DATE: 11/29/2005
ESTIMATOR: JIM GIBSON

SUMMARY

PROJECT CLIENT ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

MECHANICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARKUP-SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | 1.10000 | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.12200 | 1.21576 | NA | 1.21576 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33294 | NA | 1.33294 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| ESCAPATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CIP SUBTOTAL MARKUP MULTIPLIERS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON SVC WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #2 – Fence Modification

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 2, dated September 28, 2005 as proposed at \$27,000.00 and 0 additional time. We have also reviewed your spreadsheet estimate labeled as Rev. A. and dated August 15, 2005 that totals \$19,457.36. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided. There also appears to be a discrepancy in the length of fencing. The Contractor is claiming 770 LF where there is actually only 519 LF.

We have consulted with fence suppliers and have completed our own estimate of the value of this work. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$326.60.

We propose to settle this matter at a cost of \$326.60 and 0 time as fair and equitable payment for the services provided under CCR No. 2. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies for which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (1 page)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 2



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Airport Services

ESTIMATE OF PROBABLE CONSTRUCTION COST
ADDISON, TEXAS AIRPORT
ADDISON, TEXAS
CHANGE ORDER NO. 2

Date: December 22, 2005

Bulk Fuel Storage and Dispensing System: Chain Link Fence Change Order

| ITEM NO. | DESCRIPTION | ESTIMATED QUANTITY | UNITS | UNIT COST | ESTIMATED COST |
|--|--|--------------------|-------|-----------|-----------------|
| F-162a | Install 10-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 10-Foot Centers, No Top or Mid rail | 519 | L.F. | -\$48.65 | (\$25,249.35) |
| F-162b | Install Vinyl Coated Top Rail to 6-Foot Chain Link Fence | 409 | L.F. | \$2.00 | \$818.00 |
| F-162c | Install Galvanized Top Rail to 6-Foot Chain Link Fence | 59 | L.F. | \$1.50 | \$88.50 |
| F-162d | Install 4 Additional Line Post to 6-Foot Chain Link Fence | 4 | BA. | \$39.00 | \$156.00 |
| F-162e | Install 8-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 7-Foot Centers | 519 | L.F. | \$42.65 | \$22,135.35 |
| F-162f | Install Vinyl Coated Top Rail to 8-Foot Chain Link Fence | 519 | L.F. | \$2.00 | \$1,038.00 |
| F-162g | Install Vinyl Coated Mid Rail to 8 Foot Chain Link Fence | 519 | L.F. | \$2.50 | \$1,297.50 |
| SUB-TOTAL | | | | | \$284.00 |
| 15% Contractor Mark-Up | | | | | \$42.60 |
| TOTAL ESTIMATED COST-CHANGE ORDER NO. 2 | | | | | \$326.60 |



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #2 – Fence Modification

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 2, dated September 28, 2005 as proposed at \$27,000.00 and 0 additional time. We have also reviewed your spreadsheet estimate labeled as Rev. A. and dated August 15, 2005 that totals \$19,457.36. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided. There also appears to be a discrepancy in the length of fencing. The Contractor is claiming 770 LF where there is actually only 519 LF.

We have consulted with fence suppliers and have completed our own estimate of the value of this work. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$326.60.

We propose to settle this matter at a cost of \$326.60 and 0 time as fair and equitable payment for the services provided under CCR No. 2. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies for which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (1 page)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 2



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Airport Services

ESTIMATE OF PROBABLE CONSTRUCTION COST
ADDISON, TEXAS AIRPORT
ADDISON, TEXAS
CHANGE ORDER NO. 2

Date: December 22, 2005

Bulk Fuel Storage and Dispensing System: Chain Link Fence Change Order

| ITEM NO. | DESCRIPTION | ESTIMATED QUANTITY | UNITS | UNIT COST | ESTIMATED COST |
|--|--|--------------------|-------|-----------|-----------------|
| F-162a | Install 10-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 10-Foot Centers, No Top or Mid rail | 519 | L.F. | -\$48.65 | (\$25,249.35) |
| F-162b | Install Vinyl Coated Top Rail to 6-Foot Chain Link Fence | 409 | L.F. | \$2.00 | \$818.00 |
| F-162c | Install Galvanized Top Rail to 6-Foot Chain Link Fence | 59 | L.F. | \$1.50 | \$88.50 |
| F-162d | Install 4 Additional Line Post to 6-Foot Chain Link Fence | 4 | BA. | \$39.00 | \$156.00 |
| F-162e | Install 8-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 7-Foot Centers | 519 | L.F. | \$42.65 | \$22,135.35 |
| F-162f | Install Vinyl Coated Top Rail to 8-Foot Chain Link Fence | 519 | L.F. | \$2.00 | \$1,038.00 |
| F-162g | Install Vinyl Coated Mid Rail to 8 Foot Chain Link Fence | 519 | L.F. | \$2.50 | \$1,297.50 |
| SUB-TOTAL | | | | | \$284.00 |
| 15% Contractor Mark-Up | | | | | \$42.60 |
| TOTAL ESTIMATED COST-CHANGE ORDER NO. 2 | | | | | \$326.60 |



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #3 – Conduit for Pre-set Valves

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 3, Rev. A., dated November 11, 2005 as proposed at \$46,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$16,749.00.

We propose to settle this matter at a cost of \$16,749.00 and 0 time as fair and equitable payment for the services provided under CCR No. 3. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 3

ESTIMATE DUE DATE: 11/29/2005
ESTIMATOR: JIM MORRIS

ESTIMATE DETAIL
ELECTRICAL

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

PROJECT CLIENT: ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

| DESCRIPTION | QTY. | UNIT | LABOR | | TTL COST | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|---|------|------|-------|----|----------|-------|----------|-------|-------------|---|----------------|--|-----------|---------------|
| | | | U | MH | RATE SMH | U | MH | U | MH | U | MH | | | |
| ELEC. C.O. #CCR-003 REV. A. | | | | | | | | | | | | | | |
| 1" PVC CONDUIT - BELOW SLAB | 2110 | LF | 0.03 | 63 | 49.63 | 3,142 | 0.65 | 1,379 | | | | | 2.14 | 4,520 |
| SPLICE BOX - 4x4x2 FS BOX | 5 | EA | 1.25 | 6 | 49.63 | 310 | 38.90 | 194 | | | | | 100.93 | 505 |
| #10 THWN WIRE | 7036 | LF | 0.007 | 49 | 49.63 | 2,444 | 0.16 | 1,085 | | | | | 0.60 | 3,538 |
| #14 THWN WIRE | 2800 | LF | 0.005 | 14 | 49.63 | 695 | 0.09 | 281 | | | | | 0.34 | 956 |
| 1" GRSC - EXPOSED ASSEMBLY w/ FTGS. & SUPPORTS | 480 | LF | 0.11 | 53 | 49.63 | 2,620 | 2.71 | 1,298 | | | | | 8.17 | 3,920 |
| 1" LIQITITE FLEX. CONDUIT - TYPE NM (INCL CUTS) | 201 | LF | 0.1 | 20 | 49.63 | 998 | 2.04 | 410 | | | | | 7.00 | 1,408 |
| 1" LT CONNECTORS - TYPE NM | 140 | EA | 0.2 | 28 | 49.63 | 1,390 | 3.66 | 512 | | | | | 13.58 | 1,902 |
| TOTALS | | | | | | | | | | | | | | 16,749 |

TEI CCR No. 3

EST LEVEL: C.O.
ESTIMATE DUE DATE: 11/29/2005
ESTIMATOR: JIM NORRIS

SUMMARY
ELECTRICAL

PROJECT CLIENT: ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3-30

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18000 | NA | 1.18000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.02000 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR: PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33294 | NA | 1.33294 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35283 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.15000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.44062 | 1.55587 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS :

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.

"SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.

"FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.

"HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

ADS-2396

June 5, 2006

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #3 – Conduit for Pre-set Valves

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 3, Rev. A., dated November 11, 2005 as proposed at \$46,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$16,749.00.

We propose to settle this matter at a cost of \$16,749.00 and 0 time as fair and equitable payment for the services provided under CCR No. 3. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 3

EST LEVEL: C.O.
ESTIMATE DUE DATE: 11/29/2005
ESTIMATOR: JIM NORRIS

SUMMARY
ELECTRICAL

PROJECT CLIENT: ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | 1.00000 | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18000 | NA | 1.18000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.21176 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33294 | NA | 1.33294 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35299 | 1.01500 | 1.35299 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35299 | 1.01500 | 1.35299 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35299 | 1.01500 | 1.35299 | |
| G. C. O & P ON S/C WORK | 1.15000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | 1.00000 | 1.44062 | 1.55587 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #4 – Add Air Eliminator Optical Sensor

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 04, Rev. A, dated November 11, 2005 as proposed at \$34,200.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that the proposed cost is reasonable. This letter is to acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 4 at a final cost of \$34,200.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #4 - Add Air Eliminator Optical Sensor

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 04, Rev. A, dated November 11, 2005 as proposed at \$34,200.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that the proposed cost is reasonable. This letter is to acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 4 at a final cost of \$34,200.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #6 – Change Water draw Off Pumps

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 6, Rev. A., dated November 11, 2005 as proposed at \$5,000.00 and 0 additional time. We concur that the work under this CCR has been performed however, we do not concur that there is an entitlement. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated have not been provided. Further, the cost of the pumps provided under this CCR is actually less than the cost of the pumps being replaced.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe that a credit is due from the Contractor in the amount of \$2,368.00.

Accordingly, the Contractor's request for additional payment under this CCR is denied. Demand is made from the Contractor for a credit in the amount of \$2,368.00. No additional time is granted under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 6

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34370-3.30
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON
 EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

| DESCRIPTION | CITY | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|-------------------------------------|------|------|-------|-----|-------|----------|----------|-------------|----------|----------------|----------|-----------|------------|
| | | | U | MH | RATE | MH | JTL COST | UNIT COST | JTL COST | UNIT COST | JTL COST | | |
| CONSTRUCTION CHANGE ORDER-006 REV.A | | | | | | | | | | | | | |
| ORIGINAL HAND OPERATED DRAW PUMPS | -14 | EA | 1 | -14 | 48.35 | (677) | 326.06 | (4.565) | | | | | (5,242) |
| NEW HAND OPERATED DRAW PUMPS | 14 | EA | 1 | 14 | 48.35 | 677 | 156.94 | 2,197 | | | | 205.29 | 2,874 |
| TOTALS | | | | | | | | (2,368) | | | | | (2,368) |

TEI CCR No. 6

EST LEVEL: C.O.
ESTIMATE DUE DATE: 11/29/2005
ESTIMATOR: JIM GIBSON

SUMMARY
MECHANICAL

PROJECT CLIENT ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|----------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARKUP-SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.10000 | NA | 1.10000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUB-CONTR: PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.10000 | NA | 1.10000 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| ESCALATION | 1.25271 | 1.25271 | 1.25271 | 1.00000 | 1.35293 | |
| SUBTOTALS | | 1.25271 | 1.25271 | 1.00000 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL: MARKUP MULTIPLIERS | | 1.25271 | 1.25271 | 1.01500 | 1.35293 | |
| G. C. O & P ON SIC WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.00000 | 1.26271 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #6 – Change Water draw Off Pumps

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 6, Rev. A., dated November 11, 2005 as proposed at \$5,000.00 and 0 additional time. We concur that the work under this CCR has been performed however, we do not concur that there is an entitlement. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated have not been provided. Further, the cost of the pumps provided under this CCR is actually less than the cost of the pumps being replaced.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe that a credit is due from the Contractor in the amount of \$2,368.00.

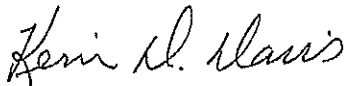
Accordingly, the Contractor's request for additional payment under this CCR is denied. Demand is made from the Contractor for a credit in the amount of \$2,368.00. No additional time is granted under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 6

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

ESTIMATE DETAIL
 MECHANICAL
 COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

| DESCRIPTION | QTY. | UNIT | LABOR | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|-------------------------------------|------|------|-------|-----|------------|----------|-------------|----------|----------------|----------|-----------|------------|
| | | | U MH | MH | RATE \$/MH | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | | |
| CONSTRUCTION CHANGE ORDER-006 REV.A | | | | | | | | | | | | |
| ORIGINAL HAND OPERATED DRAW PUMPS | -14 | EA | 1 | -14 | 48.35 | 677 | 326.06 | (4,555) | | | | (5,242) |
| NEW HAND OPERATED DRAW PUMPS | 14 | EA | 1 | 14 | 48.35 | 677 | 156.94 | 2,197 | | | 205.29 | 2,874 |
| TOTALS | | | | | | | (2,368) | | | | | (2,368) |

TEI CCR No. 6

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3.30 ESTIMATOR: JIM GIBSON

SUMMARY
MECHANICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08090 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.22000 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33284 | NA | 1.33284 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.08000 | 1.28274 | 1.35293 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #7 – Add Conduit Under Tanks

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 7, Rev. A., dated November 11, 2005 as proposed at \$19,300.00 and 0 additional time. We also have a second, signed Rev. A. dated September 28, 2005 proposed at \$10,800.00. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$7,910.00.

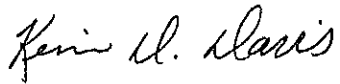
We propose to settle this matter at a cost of \$7,910.00 and 0 time as fair and equitable payment for the services provided under CCR No. 7. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 7

ESTIMATE LEVEL: C.O.
ESTIMATE DUE DATE: 3/16/2006
ESTIMATOR: JRN

**ESTIMATE DETAIL
ELECTRICAL**

PROJECT CLIENT: ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|------------------------------------|------|------|-------|----|----------|----------|-----------|-------------|-----------|----------------|-----------|-----------|------------|
| | | | U | MH | RATE SMH | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | UNIT COST | | |
| ELEC. C.O. #CCR-007 REV. A | | | | | | | | | | | | | |
| 1" 45 DEGREE E.P. FTGS. | 127 | EA | 0.45 | 57 | 50.88 | 2.903 | 22.56 | 2.865 | | | | 45.46 | 5,773 |
| CUT OFF EXIST. FITTINGS (14 TANKS) | 14 | EA | 1 | 14 | 50.88 | 712 | | | | | | 50.88 | 712 |
| RE-THREAD CONDUITS | 14 | EA | 2 | 28 | 50.88 | 1,425 | | | | | | 101.77 | 1,425 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | | | 99 | | 5,045 | | 2,865 | | | | | 7,910 |

TEI CCR No. 7

EST LEVEL: C.O.
ESTIMATE DUE DATE: 11/29/2005
ESTIMATOR: JIM NORRIS

SUMMARY
ELECTRICAL

PROJECT CLIENT ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|------------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS: | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | 1.00000 | NA | NA | 1.00000 | 1.00000 |
| SUBTOTALS | | | NA | NA | 1.00000 | 1.00000 |
| SALES TAX | 1.08000 | | 1.08000 | NA | 1.08000 | 1.08000 |
| SUBTOTALS | | | 1.08000 | NA | 1.08000 | 1.08000 |
| FIELD OVERHEAD | 1.10000 | | 1.10000 | NA | 1.10000 | 1.10000 |
| SUBTOTALS | | | 1.10000 | NA | 1.10000 | 1.10000 |
| HOME OFFICE COSTS | 1.02000 | | 1.02000 | NA | 1.02000 | 1.02000 |
| SUBTOTALS | | | 1.02000 | NA | 1.02000 | 1.02000 |
| SUB-CONTR: PROFIT | 1.10000 | | 1.10000 | NA | 1.10000 | 1.10000 |
| SUBTOTALS | | | 1.10000 | NA | 1.10000 | 1.10000 |
| BOND | 1.01500 | | 1.01500 | 1.01500 | 1.01500 | 1.01500 |
| SUBTOTALS | | | 1.01500 | 1.01500 | 1.01500 | 1.01500 |
| ESCALATION | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | 1.00000 |
| SUBTOTALS | | | 1.00000 | 1.00000 | 1.00000 | 1.00000 |
| CONTINGENCY | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | 1.00000 |
| SUBTOTALS | | | 1.00000 | 1.00000 | 1.00000 | 1.00000 |
| C.T.P. SUBTOTAL MARKUP MULTIPLIERS | | | 1.35293 | 1.01500 | 1.35293 | 1.35293 |
| G.C. O & P ON S/C WORK | 1.15000 | | 1.15000 | 1.15000 | 1.15000 | 1.15000 |
| SUBTOTALS | | | 1.15000 | 1.15000 | 1.15000 | 1.15000 |
| TOTAL MARKUP MULTIPLIERS | | | 1.44082 | 1.16725 | 1.44082 | 1.44082 |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
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 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #7 – Add Conduit Under Tanks

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 7, Rev. A., dated November 11, 2005 as proposed at \$19,300.00 and 0 additional time. We also have a second, signed Rev. A. dated September 28, 2005 proposed at \$10,800.00. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$7,910.00.

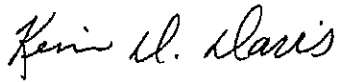
We propose to settle this matter at a cost of \$7,910.00 and 0 time as fair and equitable payment for the services provided under CCR No. 7. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 7

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3.30 ESTIMATOR: JIM NORRIS

SUMMARY

ELECTRICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS: | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.18800 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.21176 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR: PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.33284 | 1.33284 | NA | 1.33284 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G.C. O&P ON S/C WORK | 1.15000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.44062 | 1.55687 | 1.16725 | 1.55687 | |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #10 – Relocation of Filter Separators

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 10 Rev. A dated November 11, 2005 as proposed at \$163,000.00 and 21 days additional time. By earlier correspondence dated November 1, 2005, the Contractor was granted 21 additional days for this CCR. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$26,735.00.

We propose to settle this matter at a cost of \$26,735.00 as fair and equitable payment for the services provided under CCR No. 10. As already noted, an additional 21 days has already been granted. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEF CCR No. 10

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34370-3-30

ESTIMATE DETAIL
 MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|------------------------------------|------|------|-------|-----|----------|--------|-------------|-----|----------------|-------|-----------|------------|
| | | | U | R | U | R | U | R | U | R | | |
| | | | U | R | U | R | U | R | U | R | | |
| CONSTRUCTION CHANGE ORDER-010 REVA | | | | | | | | | | | | |
| WELDS @ TANK #1 | | | | | | | | | | | | |
| WELDS @ TANK #1 | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 10 | EA | 1.5 | 15 | 48.35 | 725 | | | 21.82 | 218 | 94.35 | 943 |
| RE-WELD WELDS | 7 | EA | 4.6 | 32 | 48.35 | 1,657 | | | 66.90 | 468 | 289.33 | 2,025 |
| X-RAY WELDS | 1 | EA | | | | | | | | | 102.82 | 103 |
| WELDS @ TANK #2,6,7,9,10,12&13 | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 66 | EA | 1.5 | 84 | 48.35 | 4,082 | | | 21.82 | 1,222 | 94.35 | 5,283 |
| RE-WELD WELDS | 35 | EA | 4.6 | 161 | 48.35 | 7,785 | | | 66.90 | 2,342 | 289.33 | 10,127 |
| X-RAY WELDS | 4 | EA | | | | | | | | | 102.82 | 411 |
| WELDS @ TANK #4&5 | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 16 | EA | 1.5 | 24 | 48.35 | 1,161 | | | 21.82 | 349 | 94.35 | 1,510 |
| RE-WELD WELDS | 10 | EA | 4.6 | 46 | 48.35 | 2,224 | | | 66.90 | 669 | 289.33 | 2,893 |
| X-RAY WELDS | 1 | EA | | | | | | | | | 102.82 | 103 |
| WELDS @ TANK #3,8,11&14 | | | | | | | | | | | | |
| CUT OUT 3" DIA. WELDS | 14 | EA | 1.1 | 15 | 48.35 | 745 | | | 16.00 | 224 | 69.18 | 969 |
| RE-WELD WELDS | 10 | EA | 3.6 | 36 | 48.35 | 1,741 | | | 52.38 | 524 | 226.44 | 2,264 |
| X-RAY WELDS | 1 | EA | | | | | | | | | 102.82 | 103 |
| TOTALS | | | | 414 | | 20,000 | | 720 | | 6,015 | | 26,735 |

TEI CCR No.10

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

SUMMARY

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/28/2005
 ESTIMATOR: JIM GIBSON

MECHANICAL

| DESCRIPTION | MARK-UP SETTINGS | | LABOR COST | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|----------------------------------|------------------|----|------------|---------------|-------------|---------------------|------------|
| | MH | CO | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.10000 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS: | 1.02000 | | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | | 1.12200 | 1.21876 | NA | 1.21876 | |
| SUB-CONTR: PROFIT | 1.10000 | | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 2.24420 | 1.33284 | NA | 1.33284 | |
| BOND | 1.01500 | | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CIP SUBTOTAL MARKUP MULTIPLIERS: | | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | | 1.00000 | 1.25274 | 1.35293 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS. POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #10 – Relocation of Filter Separators

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 10 Rev. A dated November 11, 2005 as proposed at \$163,000.00 and 21 days additional time. By earlier correspondence dated November 1, 2005, the Contractor was granted 21 additional days for this CCR. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$26,735.00.

We propose to settle this matter at a cost of \$26,735.00 as fair and equitable payment for the services provided under CCR No. 10. As already noted, an additional 21 days has already been granted. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No.10

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

ESTIMATE DETAIL
 MECHANICAL

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|-------------------------------------|------|------|-------|-----|------------|----------|-----|-------------|---|----------------|-------|-----------|------------|
| | | | U | MH | RATE \$/MH | T/L COST | U | T/L COST | U | T/L COST | U | | |
| CONSTRUCTION CHANGE ORDER-010 REV.A | | | | | | | | | | | | | |
| WELDS @ TANK #1 | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 10 | EA | 1.5 | 15 | 48.35 | 725 | | | | 21.82 | 218 | 94.35 | 943 |
| RE-WELD WELDS | 7 | EA | 4.0 | 32 | 48.35 | 1,557 | | | | 66.90 | 468 | 289.35 | 2,025 |
| X-RAY WELDS | 1 | EA | | | | | 103 | | | | | 102.82 | 103 |
| WELDS @ TANK #2,7,9,10,12&13 | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 66 | EA | 1.5 | 84 | 48.35 | 4,062 | | | | 21.82 | 1,222 | 94.35 | 5,283 |
| RE-WELD WELDS | 36 | EA | 4.6 | 161 | 48.35 | 7,785 | | | | 66.90 | 2,342 | 289.35 | 10,127 |
| X-RAY WELDS | 4 | EA | | | | | 411 | | | | | 102.82 | 411 |
| WELDS @ TANK #4&5 | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 16 | EA | 1.5 | 24 | 48.35 | 1,161 | | | | 21.82 | 349 | 94.35 | 1,510 |
| RE-WELD WELDS | 10 | EA | 4.6 | 46 | 48.35 | 2,224 | | | | 66.90 | 669 | 289.35 | 2,893 |
| X-RAY WELDS | 1 | EA | | | | | 103 | | | | | 102.82 | 103 |
| WELDS @ TANK #3,8,11&14 | | | | | | | | | | | | | |
| CUT OUT 3" DIA. WELDS | 14 | EA | 1.1 | 15 | 48.35 | 745 | | | | 18.00 | 224 | 69.19 | 969 |
| RE-WELD WELDS | 10 | EA | 3.8 | 36 | 48.35 | 1,741 | | | | 52.36 | 524 | 228.44 | 2,264 |
| X-RAY WELDS | 1 | EA | | | | | 103 | | | | | 102.82 | 103 |
| TOTALS | | | | 414 | | 20,000 | 720 | | | | 6,015 | | 26,735 |

TEL CCR No.10

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30
 EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

SUMMARY

MECHANICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARKUP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | 1.00000 | NA | NA | 1.00000 | |
| SUBTOTALS | | | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.10000 | NA | 1.10000 | |
| HOME OFFICE COSTS | 1.18800 | | 1.18800 | NA | 1.18800 | |
| SUBTOTALS | | | 1.18800 | NA | 1.18800 | |
| SUB-CONTR: PROFIT | 1.02000 | | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | | 1.02000 | NA | 1.02000 | |
| BOND | 1.21576 | | 1.21576 | NA | 1.21576 | |
| SUBTOTALS | | | 1.21576 | NA | 1.21576 | |
| ESCALATION | 1.35293 | | 1.35293 | 1.01500 | 1.35293 | |
| SUBTOTALS | | | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.25274 | | 1.25274 | 1.00000 | 1.25274 | |
| SUBTOTALS | | | 1.25274 | 1.00000 | 1.25274 | |
| CIP SUBTOTAL MARKUP MULTIPLIERS | | | 1.00000 | 1.00000 | 1.00000 | |
| G. C. O & P ON S/C WORK | | | 1.25274 | 1.01500 | 1.35293 | |
| SUBTOTALS | | | 1.25274 | 1.01500 | 1.35293 | |
| TOTAL MARKUP MULTIPLIERS | | | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | | 1.25274 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
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 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #12 – Conduit for Overfill

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 12, Rev. A., dated November 11, 2005 as proposed at \$8,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$2,928.00.

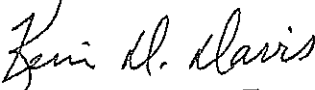
We propose to settle this matter at a cost of \$2,928.00 and 0 time as fair and equitable payment for the services provided under CCR No. 12. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison


Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 12

EST LEVEL: C.O.
ESTIMATE DUE DATE: 11/29/2005
ESTIMATOR: JIM NORRIS

SUMMARY
ELECTRICAL

PROJECT CLIENT ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | 1.00000 | NA | NA | 1.00000 | |
| SUBTOTALS | | | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.18000 | NA | 1.18000 | |
| HOME OFFICE COSTS | 1.02000 | | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.33294 | NA | 1.33294 | |
| BOND | 1.25420 | | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & F ONS/C WORK | 1.15000 | | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | | | 1.44062 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS :
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

ADS-2396

June 5, 2006

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #12 – Conduit for Overfill

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 12, Rev. A., dated November 11, 2005 as proposed at \$8,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$2,928.00.

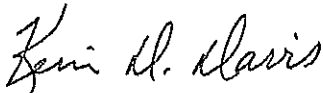
We propose to settle this matter at a cost of \$2,928.00 and 0 time as fair and equitable payment for the services provided under CCR No. 12. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 12

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3.30 ESTIMATOR: JIM NORRIS

SUMMARY
ELECTRICAL

| DESCRIPTION | LABOR | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|---------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.12200 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.22420 | 1.33293 | NA | 1.33293 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.15000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.40060 | 1.55587 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
 Integrated Engineering, Construction, and Management Solutions

ADS-2396

June 5, 2006

Thielsch Engineering
 2111 Dickson Drive, Suite 10
 Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
 Bulk Fuel Storage and Dispensing System
 TEI CCR #8 – Live Oak Substitution for Landscaping
 TEI CCR #19 – Add 17 Nellie R. Stevens Bushes

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 08 dated September 28, 2005 and CCR No. 19 dated January 23, 2006. We concur that there is a credit due for CCR No. 8 and an entitlement for CCR No. 19 resulting in a net entitlement to the Contractor when the two listed CCRs are combined. We believe the calculations of the credit and cost of the CCRs contained minor errors and propose the following:

Per Texas Environmental Management-SA Invoice No. 15728:

Cost of Nellie R. Stevens \$485.00 per unit.
 Cost of Red Oak \$625.00 per unit.

Using the above figures the Change Orders should be as follow:

| | | |
|---------------------|--------------------------------|-----------------|
| Change Order No. 8: | Remove 28 Nellie R. Stevens | \$(13,580.00) |
| | Add 14 Red Oaks | <u>8,750.00</u> |
| | Credit | (4,830.00) |
| | Deduct 15% mark up by THIELSCH | <u>(724.50)</u> |
| | Total credit | (\$5,554.50) |
| Change Order No. 19 | Add 17 Nellie R. Stevens | \$8,245.00 |
| | Add 15% mark up by THIELSCH | <u>1,236.75</u> |
| | Total entitlement | +\$9,481.75 |

Net proposed total due to THIELSCH between the two Change Orders: \$3,927.25
 We find that this net cost is reasonable and propose to settle these two CCRs for \$3,927.25, (-\$5,554.50 for CCR 08 and +\$9,481.75 for CCR 19), and 0 additional time. This proposal corrects and supersedes our acceptance of CCR No. 8 as presented in our letter dated September 30, 2005. Upon your acceptance of this proposal, by signing below, we will move forward to issue of an "official" change order and subsequent

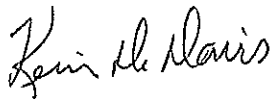
payment to you for the work under CCRs No. 8 and 19 at a final cost of \$3,927.25 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date: _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
 Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
 2111 Dickson Drive, Suite 10
 Austin, TX 78704

Attn: Rick Normandeau

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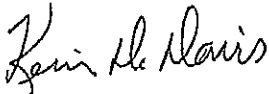
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Proposal Accepted by: _____ Date _____
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Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
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Cc. Nancy Cline
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Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #20 – Relocate Bollards

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 20, dated January 23, 2006 as proposed at \$4,560.00 and 0 additional time. We do not concur that there is entitlement for the work under this CCR. While the plans do not indicate the spacing of the bollards, the Contractor had the responsibility to verify the spacing prior to the initial installation:

General Provisions, Item 1.20.3, Errors and Corrections in Drawings and Specifications:

The CONTRACTOR shall not take advantage of any apparent errors, omissions or discrepancies in the drawings or specifications; and the Engineer shall be permitted to make such corrections or interpretations as may be necessary for the fulfillment of the intent of the contract documents. In case of any errors, omissions or discrepancies in the drawings or specifications, the CONTRACTOR shall promptly submit the matter to the OWNER who, in turn, shall promptly make a determination and issue necessary instructions in writing. Any adjustment by the CONTRACTOR without this determination and instructions shall be at the CONTRACTOR's own risk and expense. The work is to be made complete as intended by the contract documents.

Further, two of the bollards indicated on the plans were deleted and have not been installed. A credit for the two bollards is due to the Town of Addison however; we propose to settle this matter by waiving the credit demand and granting no payment or additional time for work under CCR No. 20.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #20 – Relocate Bollards

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 20, dated January 23, 2006 as proposed at \$4,560.00 and 0 additional time. We do not concur that there is entitlement for the work under this CCR. While the plans do not indicate the spacing of the bollards, the Contractor had the responsibility to verify the spacing prior to the initial installation:

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The CONTRACTOR shall not take advantage of any apparent errors, omissions or discrepancies in the drawings or specifications; and the Engineer shall be permitted to make such corrections or interpretations as may be necessary for the fulfillment of the intent of the contract documents. In case of any errors, omissions or discrepancies in the drawings or specifications, the CONTRACTOR shall promptly submit the matter to the OWNER who, in turn, shall promptly make a determination and issue necessary instructions in writing. Any adjustment by the CONTRACTOR without this determination and instructions shall be at the CONTRACTOR's own risk and expense. The work is to be made complete as intended by the contract documents.

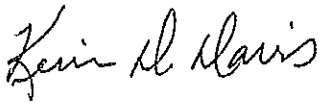
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Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #22 – Pot-holing for Drain Line

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 22, dated January 23, 2006 as proposed at \$28,490.00 and 4 days additional time. We do not concur that there is entitlement for the work performed under this CCR. This effort was a direct result of the oil/water separator grade issue that was denied under CCR No. 9 by our letter dated September 30, 2005.

A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

The pot-holing performed under this CCR was done as part of an attempt by the Contractor to solve the oil/water separator grade issue that was caused by the installation of the system below plan grade. We do acknowledge that a damaged sewer line was encountered and repaired during the pot-holing. We agree to pay \$1,500.00 for this service.

We propose to settle this matter at a cost of \$1,500.00 and 0 time as fair and equitable payment for the services provided under CCR No. 22.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

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Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #26 – Sampling Connections on Water Draw Off Pumps

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 026, Rev. B, dated February 2, 2006 as proposed at \$3,410.00 and 0 additional time. This letter is to acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 4 at a final cost of \$3,410.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

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Washington Group International
 Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
 2111 Dickson Drive, Suite 10
 Austin, TX 78704

Attn: Rick Normandeau

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 Bulk Fuel Storage and Dispensing System
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Very Truly Yours,
 Washington Group International

Town of Addison

Kevin D. Davis, P.E.
 Project Engineer

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 Lisa Pyles
 Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #27 – Dialer w/ Voice Communication to Fire Department

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 27, dated January 25, 2006 as proposed at \$3,620.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that the proposed cost is reasonable. TEI was approved to proceed with work under this CCR by email from Tom Cobb of WGI, dated January 25, 2006. This letter is to formally acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 27 at a final cost of \$3,620.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date: _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
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Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

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Town of Addison

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Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #28- Additional Time - Ribbon Cutting Ceremony

Dear Mr. Normandeau:

We are initiating Change Request (CCR) No. 28 to address the agreed upon additional time granted to accommodate the ribbon cutting ceremony. This is a no cost change order. This letter confirms that a total of zero dollars and eight (8) additional days are granted to the contract completion time under CCR No. 28 as herein defined.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
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Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.

CONSULTING ENGINEERS

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

MEMORANDUM

To: Ms. Nancy Cline, P.E.
From: John Birkhoff, P.E.
Date: June 9, 2006
Subject: Fuel Depot Preliminary Punch List

1. Handrail on small tanks at end of tank on discharge side need to have 90-degree connectors not tees. This will match the larger tank.
2. Asphalt around wood post along entrance road and water/oil separator needs to be mechanically compacted. One corner post is not vertical.
3. Cracks in reinforced concrete in containment area and roadway need to be routed and sealed.
4. Reinforced concrete slabs on roadway that have three or more cracks need to be removed and replaced.
5. Reinforced concrete at inlets (sidewalks) need to be removed and replaced. Corners have broken off in each case.
6. The reinforced curb located on the north and west sides for the fuel dump near the inlet has a punch out. This area needs to be cut out and replaced.
7. Spalling is occurring on the side walk on the west side around one of the columns. This area needs to be repaired. A repair method should be provide for Town acceptance.
8. Cracks in the fire proofing need to be repaired.
9. Patches in the fire proofing do not match surrounding texture or color.
10. Bond breakers are needed at all connections between dissimilar metals. Example is between cast aluminum and steel nuts and bolts and between stainless steel bolts and galvanized ladders to mention two locations.
11. Stainless steel fitting need to be properly clean to remove corrosion. It appears carbon steel products or tools were used to clean and now corrosion is occurring.
12. Label on face of pressure gauges need to be removed.
13. Tank 4 suction side the filler hose galvanized holder needs to be replaced. End was welded on and rusting on underside. Painting is not acceptable.
14. Bolt threads and nuts on columns of canopy need to have fire proofing splatter removed.
15. On tank 4 discharge side the pressure gauge needs to be oriented to the west to match all other gauges.
16. Ends of galvanized angle have not all be coated.
17. Town requests the repair method and structural design memo on repairs made at the base of each vertical column of the canopy.
18. Touch up painting is required on damaged coatings.
19. Painting is required on the face of steel flanges that do not have gaskets. The bolt threads in this confined area also need to be coated.
20. Steel bolts and nuts on unpainted equipment need to be coated.
21. The underside of piping and fitting need to be coated.
22. The bottom of flanged connection to not have the bolts, thread and nuts fully coated. The painter using an inspection mirror can easily identify these areas.

23. Pump and motor need to be aligned as excessive vibration was observed in the pumps that ran on June 8, 2006.
24. Power to the control valves (Cla-Val) solenoids are required. Once power is obtained the valve controls will need to be adjusted to obtain optimum operating point on the pumps.
25. Rungs on vertical ladder do not meet OSHA requirements of being corrugated, knawled or dimpled.



Washington Group International

Integrated Engineering, Construction, and Management Solutions

Airport Services

SUMMARY OF PAYMENTS TO CONTRACTOR

Addison Airport Bulk Fuel Storage and Dispensing System

Addison, Texas

Project No.: WGI-ADS 27514

WGI PROJ. NO.: ADS-2396

SPONSOR NAME:

Town of Addison, Texas; 5350 Beltline Road; Addison, Texas 75001

CONTRACTOR'S NAME AND ADDRESS:

Thielsch Engineering, Inc.; 195 Frances Avenue; Cranston, RI 02910

| Est. # | Gross Amount (TTD) | Amount Retained | Net Amount (TTD) | Amount (This Estimate) | Estimated Liquidated Damages | Adjusted Amount (This Estimate) |
|-----------|--------------------|-----------------|------------------|------------------------|------------------------------|---------------------------------|
| 1 | 505,050.00 | 0.00 | 505,050.00 | 505,050.00 | 0.00 | 505,050.00 |
| 2 | 1,981,400.00 | 0.00 | 1,981,400.00 | 1,476,350.00 | 0.00 | 1,476,350.00 |
| 3 | 2,331,050.00 | 0.00 | 2,331,050.00 | 349,650.00 | 0.00 | 349,650.00 |
| 4 | 2,836,050.00 | 0.00 | 2,836,050.00 | 505,000.00 | 0.00 | 505,000.00 |
| 5 | 3,108,000.00 | 0.00 | 3,108,000.00 | 271,950.00 | 0.00 | 271,950.00 |
| 6 | 3,613,050.00 | 155,400.00 | 3,457,650.00 | 349,650.00 | 0.00 | 349,650.00 |
| 7 (Draft) | 3,855,185.85 | 192,759.29 | 3,662,426.56 | 204,776.56 | 339,000.00 | -134,223.44 |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |

6/18/05
7/12/05
8/26/05
8/26/05
10/10/05
1/31/06

TOTAL

Summary Computed By: Kevin Davis

Date: 3/28/2006

Checked By: _____

Date: _____

SPONSOR NAME:

Town of Addison, Texas; 5350 Beltline Road; Addison, Texas 75001

WGI PROJ. NO.: ADS-2396

PAGE: 7 (SEVEN)

CONTRACTOR'S NAME AND ADDRESS:

Thielsch Engineering, Inc.; 195 Frances Avenue; Cranston, RI 02910

ESTIMATE NUMBER:

TEI REQUEST DATE:

% COMPLETE: 99%

| Division | Description | ORIGINAL ESTIMATE | | | TOTAL THIS PERIOD | | | PREVIOUS TOTAL | | | TOTAL TO DATE | | |
|--------------|-------------------------|-------------------|-------|-----------------|-------------------|----------------|----------|----------------|----------|----------------|---------------|----------------|-----|
| | | Quantity | Units | Unit Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % |
| 1.00 | General Conditions | 1 | L.S. | \$ 300,000.00 | 13.00% | \$39,000.00 | 80.00% | \$240,000.00 | 93.00% | \$279,000.00 | 93% | | |
| 2.00 | Site Construction | 1 | L.S. | \$ 275,000.00 | 13.00% | \$35,750.00 | 80.00% | \$220,000.00 | 93.00% | \$255,750.00 | 93% | | |
| 3.00 | Concrete | 1 | L.S. | \$ 235,000.00 | 13.00% | \$30,550.00 | 80.00% | \$188,000.00 | 93.00% | \$218,550.00 | 93% | | |
| 5.00 | Metals | 1 | L.S. | \$ 1,150,000.00 | 13.00% | \$149,500.00 | 80.00% | \$920,000.00 | 93.00% | \$1,069,500.00 | 93% | | |
| 7.00 | Thermal Protection | 1 | L.S. | \$ 75,000.00 | 13.00% | \$9,750.00 | 80.00% | \$60,000.00 | 93.00% | \$69,750.00 | 93% | | |
| 10.00 | Specialties | 1 | L.S. | \$ 100,000.00 | 13.00% | \$13,000.00 | 80.00% | \$80,000.00 | 93.00% | \$93,000.00 | 93% | | |
| 13.00 | Special Construction | 1 | L.S. | \$ 550,000.00 | 13.00% | \$71,500.00 | 80.00% | \$440,000.00 | 93.00% | \$511,500.00 | 93% | | |
| 13.00a | Stretched Fabric Canopy | 1 | L.S. | \$ 125,000.00 | 13.00% | \$16,250.00 | 80.00% | \$100,000.00 | 93.00% | \$116,250.00 | 93% | | |
| 15.00 | Mechanical | 1 | L.S. | \$ 125,000.00 | 13.00% | \$16,250.00 | 80.00% | \$100,000.00 | 93.00% | \$116,250.00 | 93% | | |
| 16.00 | Electrical | 1 | L.S. | \$ 950,000.00 | 13.00% | \$123,500.00 | 80.00% | \$760,000.00 | 93.00% | \$883,500.00 | 93% | | |
| TOTAL | | | | | | \$3,885,000.00 | | \$505,050.00 | | \$3,108,000.00 | | \$3,613,050.00 | 93% |

Contract Change Requests (CCRs) Resolved

| Change Order No. | Description | CCR # | ORIGINAL ESTIMATE | | | TOTAL THIS PERIOD | | | PREVIOUS TOTAL | | | TOTAL TO DATE | | |
|------------------|---|-------|-------------------|-------|---------------|-------------------|-------------|-------------|----------------|----------|-------------|---------------|--|--|
| | | | Quantity | Units | Unit Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % | | |
| 4 | Add Air Eliminator Optical Sensor | 4 | 1 | L.S. | \$ 34,200.00 | 100.00% | \$34,200.00 | 0.00% | \$0.00 | 100.00% | \$34,200.00 | 100% | | |
| 5 | George Haddaway Dr. Excavation | 5 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 8 | Delete Live Oak Trees | 8 | 1 | L.S. | \$ (5,554.50) | 100.00% | -\$5,554.50 | 0.00% | \$0.00 | 100.00% | -\$5,554.50 | 100% | | |
| 8b | Add 17 Nellie R Stevens Bushes | 19 | 1 | L.S. | \$ 9,481.75 | 100.00% | \$9,481.75 | 0.00% | \$0.00 | 100.00% | \$9,481.75 | 100% | | |
| 11 | Add 5 Static Grounding Reels | 11 | 1 | L.S. | \$ 5,700.00 | 100.00% | \$5,700.00 | 0.00% | \$0.00 | 100.00% | \$5,700.00 | 100% | | |
| 15 | Airport Property Signage (Credit) | 15 | 1 | L.S. | \$ (700.00) | 100.00% | -\$700.00 | 0.00% | \$0.00 | 100.00% | -\$700.00 | 100% | | |
| 17 | Paint Stripping Reconfiguration (Credit) | 17 | 1 | L.S. | \$ (250.00) | 100.00% | -\$250.00 | 0.00% | \$0.00 | 100.00% | -\$250.00 | 100% | | |
| 18 | Add 4 Fire Detectors | 18 | 1 | L.S. | \$ 20,410.00 | 100.00% | \$20,410.00 | 0.00% | \$0.00 | 100.00% | \$20,410.00 | 100% | | |
| 19 | See CCR 8 & 19 Above | 19 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 26 | Sampling Connections for Water Draw Off Pumps | 26 | 1 | L.S. | \$ 3,410.00 | 100.00% | \$3,410.00 | 0.00% | \$0.00 | 100.00% | \$3,410.00 | 100% | | |
| 27 | Dialer with Voice Communication to Fire Department | 27 | 1 | L.S. | \$ 3,620.00 | 100.00% | \$3,620.00 | 0.00% | \$0.00 | 100.00% | \$3,620.00 | 100% | | |
| 28 | Ribbon Cutting Ceremony Time Delay (No Cost Change) | 28 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| TOTAL | | | | | | \$70,317.25 | | \$70,317.25 | | \$0.00 | | \$70,317.25 | | |



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Airport Services

PERIODIC COST ESTIMATE No. 7 (SEVEN)

Addison Airport Bulk Fuel Storage and Dispensing System

ADDISON, TEXAS

PROJECT NO: WGL-ADS-27514

Draft

Contract Change Requests (CCRs) In Dispute

| Change Order No. | Description | CCR # | ORIGINAL ESTIMATE | | | TOTAL THIS PERIOD | | | PREVIOUS TOTAL | | | TOTAL TO DATE | | |
|------------------|--|-------|-------------------|-------|---------------|-------------------|--------------|----------|----------------|----------|--------------|---------------|------------|---|
| | | | Quantity | Units | Unit Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % |
| 1 | Add Relaxation Chambers | 1 | 1 | L.S. | \$ 118,598.00 | 100.00% | \$118,598.00 | 100.00% | \$0.00 | 100.00% | \$118,598.00 | 100% | | |
| | Contractor's Most Recent Est=\$131,000.00 | | | | | | | | | | | | | |
| 2 | Fence Height and Post Modification | 2 | 1 | L.S. | \$ 326.60 | 100.00% | \$326.60 | 100.00% | \$0.00 | 100.00% | \$326.60 | 100% | | |
| | Contractor's Most Recent Est=\$19,500 | | | | | | | | | | | | | |
| 3 | Conduit for Pre-Set Valves | 3 | 1 | L.S. | \$ 16,749.00 | 100.00% | \$16,749.00 | 100.00% | \$0.00 | 100.00% | \$16,749.00 | 100% | | |
| | Contractor's Most Recent Est=\$46,000 | | | | | | | | | | | | | |
| 6 | Change Water Draw Off Pumps | 6 | 1 | L.S. | \$ (2,928.00) | 100.00% | -\$2,928.00 | 100.00% | \$0.00 | 100.00% | -\$2,928.00 | 100% | | |
| | Contractor's Most Recent Est=\$5,000 | | | | | | | | | | | | | |
| 7 | Add Conduit Under Tanks | 7 | 1 | L.S. | \$ 7,910.00 | 100.00% | \$7,910.00 | 100.00% | \$0.00 | 100.00% | \$7,910.00 | 100% | | |
| | Contractor's Most Recent Est=\$19,300 | | | | | | | | | | | | | |
| 10 | Relocation of Filter Separators | 10 | 1 | L.S. | \$ 26,735.00 | 100.00% | \$26,735.00 | 100.00% | \$0.00 | 100.00% | \$26,735.00 | 100% | | |
| | Contractor's Most Recent Est=\$163,000 | | | | | | | | | | | | | |
| 12 | Conduit for Pre-Set Valves | 12 | 1 | L.S. | \$ 2,928.00 | 100.00% | \$2,928.00 | 100.00% | \$0.00 | 100.00% | \$2,928.00 | 100% | | |
| | Contractor's Most Recent Est=\$8,000 | | | | | | | | | | | | | |
| 16 | Conduit Overfill | 16 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| | Contractor's Most Recent Est=\$30,000 | | | | | | | | | | | | | |
| 22 | Pothing for Drainline | 22 | 1 | L.S. | \$1,500.00 | 100.00% | \$1,500.00 | 100.00% | \$0.00 | 100.00% | \$1,500.00 | 100% | | |
| TOTAL | Contractor Est at \$394,800. Amount in Dispute = | | \$222,981.40 | | \$171,818.60 | | \$171,818.60 | | \$0.00 | | \$171,818.60 | | | |

Contract Change Requests (CCRs) Denied

| Change Order No. | Description | CCR # | ORIGINAL ESTIMATE | | | TOTAL THIS PERIOD | | | PREVIOUS TOTAL | | | TOTAL TO DATE | | |
|------------------|--|-------|-------------------|-------|-----------|-------------------|------------|----------|----------------|----------|------------|---------------|--|--|
| | | | Quantity | Units | Unit Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % | | |
| 9 | Oil Water Separation \$36,300 | 9 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 20 | Proper Locating of Bollards \$4,560 | 20 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 21 | Rework Floating Suction Pumps \$46,250 | 21 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 23 | Fill Line High Level Cutoff \$25,000 | 23 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 24 | Vent Line Supports \$13,700 | 24 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 25 | Reroute Vacuum Lines to Trucks \$3,000 | 25 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| TOTAL | Appx. Cost of Denied CCRs = \$128,810 | | | | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 | | | |



Draft

Contract Change Requests (CCRs) Withdrawn

| Change Order No. | Description | CCR # | ORIGINAL ESTIMATE | | | TOTAL THIS PERIOD | | | PREVIOUS TOTAL | | | TOTAL TO DATE | | |
|------------------|-------------------------------|-------|-------------------|-------|-----------|-------------------|----------|------------|----------------|------------|----------|---------------|--------|---------|
| | | | Quantity | Units | Unit Cost | Total Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % | #DIV/0! |
| 13 | Headwall | 13 | 1 | L.S. | \$0.00 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | \$0.00 | |
| 14 | Air Conditioning Unit for MCC | 14 | 1 | L.S. | \$0.00 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | \$0.00 | |
| TOTAL | | | | | \$0.00 | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 | \$0.00 | |

DISINCENTIVE

| Description | TOTAL COST | TOTAL TO DATE |
|-------------------------------------|----------------|----------------|
| TOTAL ALL SCHEDULES | \$3,885,000.00 | \$3,885,185.85 |
| LESS RETAINAGE (5%) | | \$192,759.29 |
| LESS LIQUIDATED DAMAGES (Estimated) | | \$339,000.00 |
| SUBTOTAL | | \$3,323,426.56 |
| LESS PREVIOUS PAYMENTS | | \$3,457,650.00 |
| Pay Est. #1: | \$271,950.00 | |
| Pay Est. #2: | \$1,476,350.00 | |
| Pay Est. #3: | \$349,650.00 | |
| Pay Est. #4: | \$505,000.00 | |
| TOTAL AMOUNT DUE CONTRACTOR | | -\$134,223.44 |

CERTIFICATION OF CONTRACTOR - I HEREBY CERTIFY that the work performed and the materials supplied to date, as shown on this periodic cost estimate, represent the actual value of accomplishment under the terms of this contract in conformity with approved plans and specifications; that the quantities shown were properly determined and are correct; and that there has been full compliance with all labor provisions included in the contract identified above, and in all subcontracts made under this contract.

BY: _____
Washington Group International, Inc., Airports

Date

BY: _____

Contractor

Date

ielsch Engineering - Fuel Farm Project

| Date | Date Paid | Pmt # | Invoice | % Complete | Inv. Amount | Amount Paid | Retainage | Balance |
|-----------|------------|-------|---------|------------|--------------|--------------|------------|--------------|
| | | | | | | | | 3,885,000.00 |
| 1/31/2005 | 6/8/2005 | 1 | 57225 | 13% | 505,050.00 | 505,050.00 | - | 3,379,950.00 |
| 2/23/2005 | 7/12/2005 | 2 | 57506 | 51% | 1,476,350.00 | 1,476,350.00 | - | 1,903,600.00 |
| 3/21/2005 | 8/26/2005 | 3 | 57866 | 60% | 349,650.00 | 349,650.00 | - | 1,553,950.00 |
| 4/24/2005 | 8/26/2005 | 4 | 58208 | 73% | 505,000.00 | 505,000.00 | - | 1,048,950.00 |
| 5/24/2005 | 10/10/2005 | 5 | 58556 | 80% | 271,950.00 | 271,950.00 | - | 777,000.00 |
| 6/16/2005 | 1/31/2006 | 6 | 59359 | 93% | 505,050.00 | 349,650.00 | 155,400.00 | 427,350.00 |

Change Orders
 2/22/2005 -- CO 59482 -- 422,045.00
 Change Order (not paid as of 3/31/06)

3,457,650

3,855,185.85
 3,457,650.00
397,535.85 BAL OWED

Dec 1 2005 to
 March 17, 2006
 107 Days X \$3000 per day
 = \$321,000
DISCOUNT

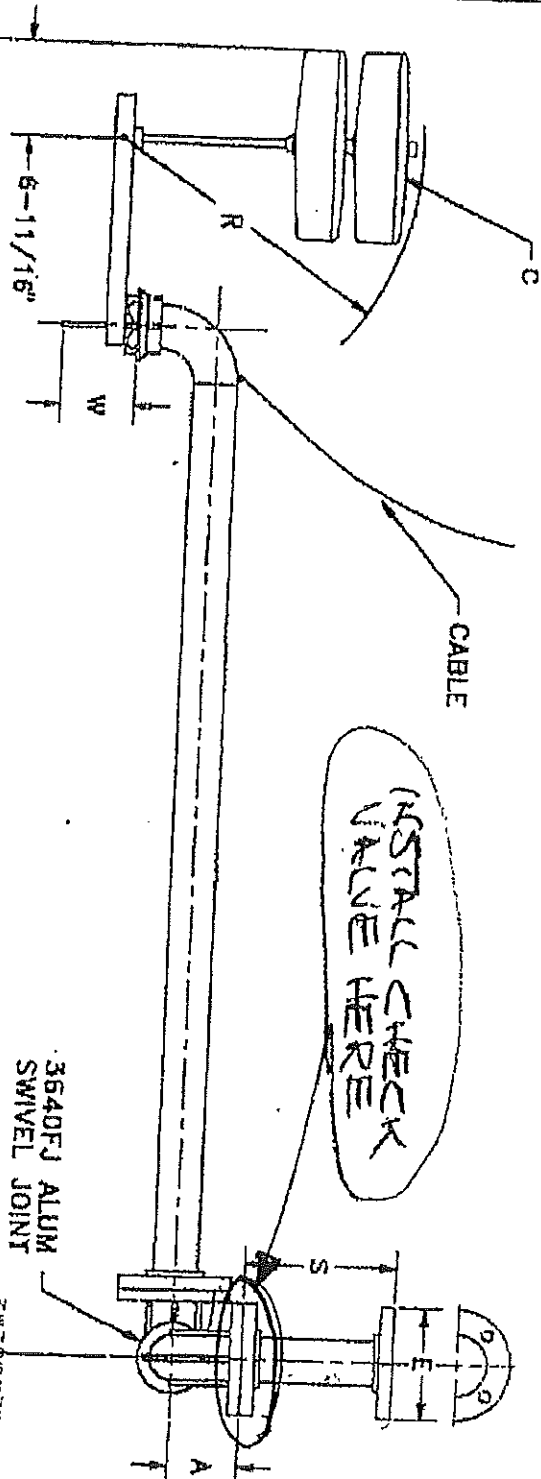
Exhibit A to CCR 30

MATERIAL:
ALUMINUM



Engineered Systems
ISO 9001 CERTIFIED

764V FLOATING SUCTION ASSEMBLY



INSTALL CHECK
VALVE HERE

| SIZE | 2" | 3" | 4" | 6" |
|---------------|----------|----------|----------|----------|
| A | 5-1/2" | 5" | 6-1/16" | 7-3/4" |
| C (FLOATS) | 1 | 2 | 2 | 4 |
| D | 121-1/4" | 121-1/4" | 121-1/4" | 120-1/8" |
| E | 6" | 7-1/2" | 9" | 11" |
| R | 28-1/8" | 28-1/8" | 28-1/8" | 28-1/8" |
| S | 108" | 108" | 108" | 108" |
| W | 6-1/2" | 6-1/4" | 5-1/2" | 6-3/4" |
| Ø BOLT CIRCLE | 4-3/4" | 6" | 7-1/2" | 9-1/2" |
| NO. BOLTS - Ø | (4) 5/8" | (4) 5/8" | (8) 5/8" | (8) 3/4" |

3640FJ ALUM
SWIVEL JOINT

- NO EXCEPTION TAKEN
- EXCEPTION NOTED
- REJECTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. FABRICATION SHALL BE CONFIRMED AND CORRELATED WITH THE DESIGN SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED WITH THE DESIGN FABRICATION PROCESSES AND TECHNIQUES OF CONTRACTOR. COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

Washington Group International

Date 6/27/05 By [Signature]

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$ 217,470.60 | \$ 320,629.00 | |

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb.2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ - | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13067-1.01-C2 |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$217,470.60 | \$320,629.00 | |

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (40,740.99) | -\$6,785.99 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13067-1.01-C2 |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$217,470.60 | \$320,629.00 | |

MARCH 587,000
NUMBERS 218,000



195 Frances Avenue
Cranston, Rhode Island 02910

CONSTRUCTION GROUP

Phone: (401) 467-6454
Fax: (401) 461-6006

Transmittal No.: TH1006

Job No.: 41050015

Date: 09/27/2005

TO: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: Change/Clarification Request

ATTN: Marc Acevedo

| WE ARE SENDING: | SUBMITTED FOR: | ACTION TAKEN: |
|---|--|--|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Approval | <input type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Letter | <input type="checkbox"/> Your Use | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Prints | <input type="checkbox"/> As Requested | <input type="checkbox"/> Returned After Loan |
| <input type="checkbox"/> Change Order | <input checked="" type="checkbox"/> Review and Comment | <input type="checkbox"/> Resubmit |
| <input type="checkbox"/> Plans | | <input checked="" type="checkbox"/> Submit |
| <input type="checkbox"/> Samples | SENT VIA: | <input type="checkbox"/> Returned |
| <input type="checkbox"/> Specifications | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Returned for Correction |
| <input checked="" type="checkbox"/> Other: Change/Clarification Request | <input type="checkbox"/> Separate cover via: Mail | Copies to Return: 0 |

| ITEM NO. | COPIES | DATE | ITEM NUMBER | REV. NO. | DESCRIPTION | STATUS |
|----------|--------|----------|-------------|----------|-----------------------------------|--------|
| 01 | 1 | 09/24/05 | CCR 016 | | Conduit Overfill - Electrical RFI | OPN |

Remarks: The attached CCR is a request for information. This CCR is to request engineering for approval of recommendations/information/direction.

This change is necessary to be in compliance with Federal, State, and Local Codes

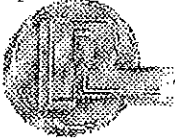
Should there be any questions or concerns please call this office immediately.

Check one: [X] Response to this CCR DOES NOT cause a change in Contract Price and/ or Contract Time.

[] Response to this CCR DOES cause a change in Contract Price and/ or Contract Time.

FOUO

Signed: Richard Normandeau
Richard Normandeau



RABALAIS I & F CONSTRUCTORS

REQUEST FOR INFORMATION

3105 Lom... Dr. Suite 101 Lancaster, Texas 76146 972-223-2954 Fax 972-223-2958 Email: HCardona@rabalais.com

JOB TITLE: Addison Airport Bulk Fuel Storage DATE: 9/26/05

OWNER/LOCATION: Addison, Texas RABALAIS RFI NO: 11

RABALAIS JOB NO: 05-7160 H GEN/SUB RFI NO: _____

GEN/SUB CONT. JOB NO: _____ EWO/AFE NO: _____

TO: Thielsch Engineering CONTRACT DOCUMENTS

ATTEN: Rick Normandeau DRAWING NO. FE-7 Sht.22 of 33

SPEC. SECTION _____

AREA OF WORK FBO Cherry Air

DESCRIBE THE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT): C1 is listed on the schedule as 1" conduit w/ 6-#6awg XHHW and 2- #8awg XHHW. NEC allows a max. of 6-#6awg XHHW in a 1" conduit. To remedy this overfill, take into consideration the Full load amps of the motor which is 31amps multiplied by 1.25= 38.75ampacity. Table 310-16 allows #8awg XHHW a max. of 50amps. NEC Table 310.15, 4-6 current carrying conductors in a raceway is 80%. 50amps X .80 = 40 amps. Recommend to pull a total of 6-#8awg and 2-#10awg in this 1" conduit. 8-#8awg in a 1" conduit is the max. allowed by NEC Table C8.

Please reply.

RESPONSE CODE: 1. CRITICAL NAME: Alan Campbell

(CIRCLE ONE) 2. IMPORTANT HRCARDONA

3. ROUTINE

RESPONSE REQUIRED BY: ASAP SIGNATURE: _____

(DATE)

NO COST CHANGE CC: _____

POTENTIAL COST CHANGE CC: _____

DESCRIBE THE RESPONSE TO THE INFORMATION REQUESTED:

EFFECT OF THIS RFI: _____ NAME: _____ (PLEASE PRINT)

NO COST CHANGE

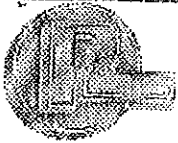
REVISIONS TO DRAWINGS

REVISIONS TO SPECS. FIRM: _____

POTENTIAL COST CHANGE

CC: _____ SIGNATURE: _____

CC: _____ DATE: _____



RABALAIS I & E CONSTRUCTORS

REQUEST FOR INFORMATION

3107 Lomita Dr. Suite 101 Lancaster, Texas 76146 972-223-2804 Fax 972-223-2858 Email: HCardona@rabalais.com

JOB TITLE: Addison Airport Bulk Fuel Storage DATE: 9/26/05

OWNER/LOCATION: Addison, Texas RABALAIS REF NO: 12

RABALAIS JOB NO: 05-7160 H GEN/SUB REF NO: _____

GEN/SUB CONT. JOB NO: _____ EWO/AFE NO: _____

TO: Thielsch Engineering

ATTN: Rick Normandeau

CONTRACT DOCUMENTS

DRAWING NO. FE-7 Sht.22 of 33

SPEC. SECTION _____

AREA OF WORK CHERRY CONDUIT C2

DESCRIBE THE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT): Conduit #C2 is listed as an 1-1/2" conduit w/ 93-#14awg, NEC Table C8 allows a max.of 85-#14awg in an 1-1/2". There is a 1" spare conduit from MCC to the Cherry Rack C1. Rabalais is requesting to utilize this spare to remedy this overfill situation.

Please reply

RESPONSE CODE: **1. CRITICAL** NAME: _____

(CIRCLE ONE) 2. IMPORTANT _____

3. ROUTINE _____

RESPONSE REQUIRED BY: ASAP SIGNATURE: _____

(DATE)

NO COST CHANGE CC: _____

POTENTIAL COST CHANGE CC: _____

DESCRIBE THE RESPONSE TO THE INFORMATION REQUESTED:

EFFECT OF THIS RFI:

NO COST CHANGE NAME: _____

REVISIONS TO DRAWINGS (PLEASE PRINT)

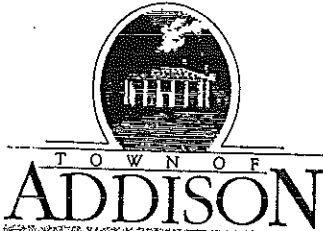
REVISIONS TO SPECS. FIRM: _____

POTENTIAL COST CHANGE

CC: _____ SIGNATURE: _____

CC: _____ DATE: _____

CC: _____ DATE: _____



GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

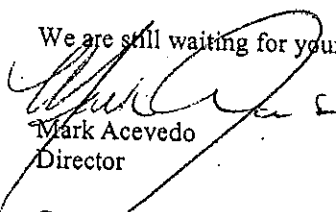
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order

For required change to Paint Striping

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, deleting the 6" wide paint striping for the direction of traffic for the airport refueling trucks. In addition, a 6" wide stripe between the concrete drive and 6" thick concrete surface on the tanker truck unloading side of containment.

This modification to the original design of the 6" wide paint striping (detailed sheet 9 and 10 of construction drawings) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid 6" Paint Striping Design

(850' LF) 6" wide white striping

Installation of New 6" Paint Striping Design

(231' LF) 6" wide white striping

Prices include transporting materials, labor, material cost, installation of materials, and finishing activities.

2. As consideration for the changes, the Contractor shall credit to the Principal the Credit the sum of \$ 250.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Paint Striping

R Howardson 9/28/05
Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

Transmittal No.: TH1006
Job No.: 41050015
Date: 09/27/2005

TO: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: Change/Clarification Request

ATTN: Marc Acevedo

| WE ARE SENDING: | SUBMITTED FOR: | ACTION TAKEN: |
|---|--|--|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Approval | <input type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Letter | <input type="checkbox"/> Your Use | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Prints | <input type="checkbox"/> As Requested | <input type="checkbox"/> Returned After Loan |
| <input type="checkbox"/> Change Order | <input checked="" type="checkbox"/> Review and Comment | <input type="checkbox"/> Resubmit |
| <input type="checkbox"/> Plans | | <input checked="" type="checkbox"/> Submit |
| <input type="checkbox"/> Samples | SENT VIA: | <input type="checkbox"/> Returned |
| <input type="checkbox"/> Specifications | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Returned for Correction |
| <input checked="" type="checkbox"/> Other: Change/Clarification Request | <input type="checkbox"/> Separate cover via: Mail | Copies to Return: 0 |

| ITEM NO. | COPIES | DATE | ITEM NUMBER | REV. NO. | DESCRIPTION | STATUS |
|----------|--------|----------|-------------|----------|-----------------------------------|--------|
| 01 | 1 | 09/24/05 | CCR: 016 | | Conduit Overfill - Electrical RFI | OPN |

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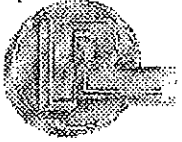
Should there be any questions or concerns please call this office immediately.

Check one: [X] Response to this CCR DOES NOT cause a change in Contract Price and/ or Contract Time.

[] Response to this CCR DOES cause a change in Contract Price and/ or Contract Time.

FOUO

Signed: Richard Normandeau
Richard Normandeau



RABALAIS & F CONSTRUCTORS

REQUEST FOR INFORMATION

3105 Lombard Drive, Suite 101 Lancaster, Texas 75146 972-223-2954 Fax 972-223-2958 Email: HCardona@rabalais.com

JOB TITLE: Addison Airport Bulk Fuel Storage DATE: 9/26/05

OWNER/LOCATION: Addison, Texas RABALAIS RFI NO: 11

RABALAIS JOB NO: 05-7160 H GEN/SUB RFI NO: _____

GEN/SUB CONT. JOB NO: _____ EWO/AFE NO: _____

TO: Thielsch Engineering

ATTEN: Rick Normandeau

CONTRACT DOCUMENTS

DRAWING NO. FE-7 Sht.22 of 33

SPEC. SECTION _____

AREA OF WORK FBO Cherry Air

DESCRIBE THE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT): C1 is listed on the schedule as 1" conduit w/ 6-#6awg XHHW and 2- #8awg XHHW. NEC allows a max. of 6-#6awg XHHW in a 1" conduit. To remedy this overflow, take into consideration the Full load amps of the motor which is 31amps multiplied by 1.25= 38.75ampacity. Table 310-16 allows #8awg XHHW a max. of 50amps. NEC Table 310.15, 4-6 current carrying conductors in a raceway is 80%. 50amps X .80 = 40 amps. Recommend to pull a total of 6-#8awg and 2-#10awg in this 1" conduit. 8-#8awg in a 1"conduit is the max. allowed by NEC Table C8. Please reply.

RESPONSE CODE: **1. CRITICAL** NAME: Alan Campbell

(CIRCLE ONE) 2. IMPORTANT HRCARDONA

3. ROUTINE

RESPONSE REQUIRED BY: ASAP SIGNATURE: _____

(DATE)

NO COST CHANGE CC: _____

POTENTIAL COST CHANGE CC: _____

DESCRIBE THE RESPONSE TO THE INFORMATION REQUESTED:

EFFECT OF THIS RFI:

NO COST CHANGE NAME: _____ (PLEASE PRINT)

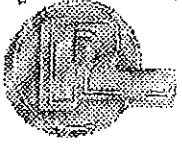
REVISIONS TO DRAWINGS FIRM: _____

REVISIONS TO SPECS.

POTENTIAL COST CHANGE

CC: _____ SIGNATURE: _____

CC: _____ DATE: _____



RABALAIS I & E CONSTRUCTORS

REQUEST FOR INFORMATION

3107 Lomita Dr. Suite 101 Lancaster, Texas 75146 972-223-2804 Fax 972-223-2858 Email: HCardona@rabalais.com

JOB TITLE: Addison Airport Bulk Fuel Storage DATE: 9/26/05

OWNER/LOCATION: Addison, Texas RABALAIS REF NO: 12

RABALAIS JOB NO: 05-7160 H GEN/SUB REF NO: _____

GEN/SUB CONT. JOB NO: _____ EWO/AFE NO: _____

TO: Thielsch Engineering CONTRACT DOCUMENTS

DRAWING NO. FE-7 Sht.22 of 33

SPEC. SECTION _____

ATTN: Rick Normandeau AREA OF WORK CHERRY CONDUIT C2

DESCRIBE THE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT): Conduit #C2 is listed as an 1-1/2" conduit w/ 93-#14awg, NEC Table C8 allows a max.of 85-#14awg in an 1-1/2". There is a 1" spare conduit from MCC to the Cherry Rack C1. Rabalais is requesting to utilize this spare to remedy this overfill situation.

Please reply

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(CIRCLE ONE) 2. IMPORTANT _____

3. ROUTINE _____

RESPONSE REQUIRED BY: ASAP SIGNATURE: _____

(DATE)

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POTENTIAL COST CHANGE CC: _____

DESCRIBE THE RESPONSE TO THE INFORMATION REQUESTED:

EFFECT OF THIS RFI:

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REVISIONS TO DRAWINGS (PLEASE PRINT)

REVISIONS TO SPECS. FIRM: _____

POTENTIAL COST CHANGE

CC: _____ SIGNATURE: _____

CC: _____ DATE: _____

CC: _____ DATE: _____



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

Transmittal No.: TH1006

Job No.: 41050015

Date: 09/27/2005

TO: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: Change/Clarification Request

ATTN: Marc Acevedo

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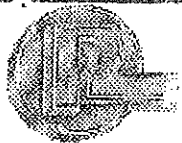
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FOUO

Signed: Richard Normandeau
Richard Normandeau



RABALAIS I & F CONSTRUCTORS

REQUEST FOR INFORMATION

3105 Lomth Dr. Suite 101 Lancaster, Texas 75146 972-223-2014 Fax 972-223-2958 Email: HCardona@rabalais.com

JOB TITLE: Addison Airport Bulk Fuel Storage DATE: 9/26/05

OWNER/LOCATION: Addison, Texas RABALAIS RFI NO: 11

RABALAIS JOB NO: 05-7160 H GEN/SUB RFI NO: _____

GEN/SUB CONT. JOB NO: _____ EWO/AFE NO: _____

TO: Thielsch Engineering

ATTN: Rick Normandeau

CONTRACT DOCUMENTS

DRAWING NO. FE-7 Sht.22 of 33

SPEC. SECTION _____

AREA OF WORK FBO Cherry Air

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Please reply.

RESPONSE CODE: **1. CRITICAL**

(CIRCLE ONE) 2. IMPORTANT
 3. ROUTINE

NAME: Alan Campbell

HRCARDONA

RESPONSE REQUIRED BY: ASAP SIGNATURE: _____

(DATE)

NO COST CHANGE CC: _____

POTENTIAL COST CHANGE CC: _____

DESCRIBE THE RESPONSE TO THE INFORMATION REQUESTED:

EFFECT OF THIS RFI:

NO COST CHANGE NAME: _____

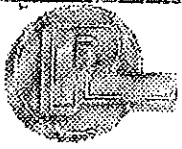
REVISIONS TO DRAWINGS (PLEASE PRINT)

REVISIONS TO SPECS. FIRM: _____

POTENTIAL COST CHANGE

CC: _____ SIGNATURE: _____

CC: _____ DATE: _____



RABALAIS I & E CONSTRUCTORS

REQUEST FOR INFORMATION

3107 Lomita Dr. Suite 101 Lancaster, Texas 75146 972-223-2804 Fax 972-223-2058 Email: HCardona@rabalais.com

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RABALAIS JOB NO: 05-7160 H GEN/SUB REF NO: _____

GEN/SUB CONT. JOB NO: _____ EWO/AFE NO: _____

TO: Thielsch Engineering

ATTEN: Rick Normandeau

CONTRACT DOCUMENTS

DRAWING NO. FE-7 Sht.22 of 33

SPEC. SECTION _____

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(CIRCLE ONE) 2. IMPORTANT _____

3. ROUTINE _____

RESPONSE REQUIRED BY: ASAP SIGNATURE: _____

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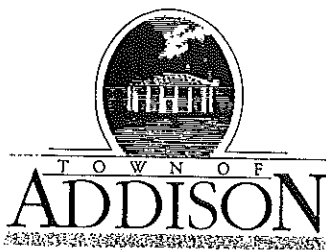
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POTENTIAL COST CHANGE

CC: _____ SIGNATURE: _____

CC: _____ DATE: _____

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GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm.
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CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

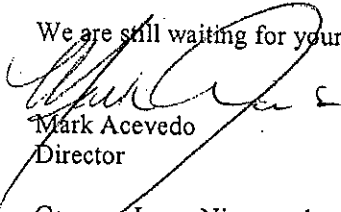
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We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order

For required change to elimination of Airport Property Signage

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thiensch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the electronic mail correspondence and TELCON from Luis Elguezabal, the elimination of two (2) "Airport Property No Trespassing" signs has resulted in a change to the original scope of work and effects to cost of construction was to be determined as this represents a change to the original bid package:

Removal of Signage

Remove two (2) "Airport Property No Trespassing" signs
Price includes the elimination of transporting materials, installation of the materials identified, logistical changes, and finishing activities.

2. As consideration for the changes, the Contractor shall credit the Principal the sum of \$ 700.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to elimination of Airport Property Signage

| | |
|-------------------------------------|----------------|
| <i>Rhorman Chan</i> | <i>9/28/05</i> |
| _____ Thiensch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to elimination of Airport Property Signage

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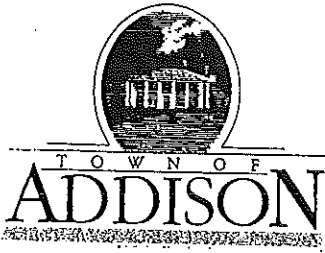
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For required change to elimination of Airport Property Signage

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kenefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

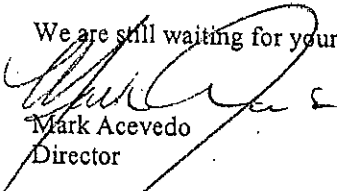
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We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order

For required change to Paint Striping

05-02 Bulk Fuel Storage and Dispensing System

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1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, deleting the 6" wide paint striping for the direction of traffic for the airport refueling trucks. In addition, a 6" wide stripe between the concrete drive and 6" thick concrete surface on the tanker truck unloading side of containment.

This modification to the original design of the 6" wide paint striping (detailed sheet 9 and 10 of construction drawings) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid 6" Paint Striping Design

(850' LF) 6" wide white striping

Installation of New 6" Paint Striping Design

(231' LF) 6" wide white striping

Prices include transporting materials, labor, material cost, installation of materials, and finishing activities.

2. As consideration for the changes, the Contractor shall credit to the Principal the Credit the sum of \$ 250.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

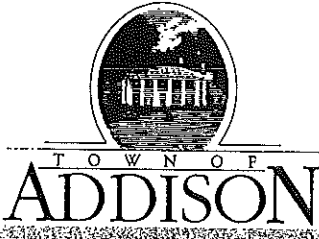
For required change to Paint Striping



Thielsch Engineering, Inc. **Date** 9/28/05

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

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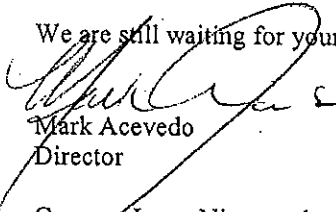
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Construction Change Order

For required change to elimination of Airport Property Signage

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| <i>Rhorman Chan</i> | <i>9/28/05</i> |
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CC: Mark Acevedo
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For required change to elimination of Airport Property Signage

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
CONSULTING ENGINEERS

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

MEMORANDUM

To: Town of Addison
From: John Birkhoff
Date: 8/4/06
Subject: Fuel Farm

1. Get the \$217,000.00 change order letter completed and sent to contractor. This was the letter that would state that the engineer has reviewed, and determined from the information a value of \$217,000.00. It was my understanding WGI (Ted) was going to prepare the letter. May need to provide him written direction to complete the letter or to remind him by email.
2. Obtain additional information from WGI which includes drawing of proposed change order work sealed and signed by Texas PE, listing of the work required, air quality question answered, forced ventilation question answered, definition of cleaning the tank, what the contractor is to do with existing fuel good or bad, how much new fuel is needed and what the new testing procedure will be.
3. Determination needs to be made who is going to pay for this extra work.
4. Prepare letter to WGI and/or Burns and Mc for them to pay for fuel that is not sold prior to it being termed bad fuel. This is based on statement from Burn & Mc that the system will work if you fill the tanks. Also we provided WGI a little over two weeks in June to review the problem, review their work and come back with a solution. After meeting with them and getting a response back from the contractor they have taken another three weeks to finally come up with a solution. All this time and the fuel has continued to age. This demand will probably make it more difficult for WGI to want to pay for the entire change order. They should be given some opportunity to sell it.
5. Once No. 2 above is complete, send a directive to the contractor to submit a proposal to complete the change order work. In such a letter state not to proceed until the change order is signed or written letter with a notice to proceed is provided. This follows a normal procedure to allow payment by Method A or Method B (agreed to up front price).
6. If the price is unreasonable then a directive to complete the work under Method C is provided. Under this letter item 1.38 and 1.40 needs to be followed. The details of what the engineer needs should be prepared now and not wait until we get to that point. If we do not put any responsibility on the contractor to pay for the fix (1% to 100%), he should easily be able to comply. If we are looking for a shared payment between the engineer and the contractor then the contractor could refuse.
7. If at this point contractor refuses, then the Town has good grounds to declare the contract in default and move on to the bonding company.

An alternate method would be to follow items 1 through 4 with the following:

1. Once No.2 above is complete, send a letter to the contractor stating that his alternative valve system does not hold prime (and any other reason from WGI) as intended by the contract. State that the valve may be accomplishing it's function as a check valve, but it is not holding prime. Direct him to fix it as outlined in the contract as the option he did not choose. That option, being to install a check valve at the bottom of the suction line. I would recommend that the drawing prepared by WGI be provided.

*IS THIS JUST
PUMPING &
VENTILATING?
HOW DOES THE
CONTRACTOR
DISPOSE OF
FUEL?*

2. The contractor most likely will argue or refuse the directive. The argument most likely will be bad engineering. At this point the written direction to complete the work under Method C would be provided and that the cost will need to be worked out between the contractor and the engineer. This would require the detail method to complete the work, clean the tanks, take care of old fuel, protect the air and the method to account for the contractor's time on a daily basis. This will take a full time person on the job site. This could be from the Town of Addison, WGI or a third party. I would suspect that id WGI or Burns & Mc may have to pay then they would have a representative present to protect their interests.
3. If the contractor refuses or tries to delay completion, notify contractor to complete the work or the Town will declare him in default.
4. This path allows joint ownership in the problem. However, it will be difficult to get the contractor to the table to play. The Town still has the option to fold and go with Method C and force the work.
5. Under this path item 1.39 Disputed Work and Claims for Additional Compensation would apply.

Aaron Russell

From: Aaron Russell
Sent: Wednesday, August 02, 2006 1:10 PM
To: 'John Birkhoff'; Mark Acevedo; jhill@cowlesthompson.com; Nancy Cline
Subject: RE: Draft Check Valve Change Order Directive - Addison Airport Fuel Farm

I would suggest that there is some value in at least attempting to try either method A or B before resorting to method C. We have one opinion of cost from WGI, but the contractor may be able to shed some light on the issue alerting us that the cost may be more than estimated by WGI, unless WGI is willing to commit to paying for this no matter what the cost. Also, if we can use either method A or B, this limits the likelihood of argument over payment after the work is completed.

I agree with John in that the Change Order document needs to be sent as soon as possible. I would anticipate the days of the contractor performing extra work without a signed Change Order are over. The outstanding Change Orders are going to be a road block to progress.

We should be aware that WGI is not proposing the installation of a foot valve. This is a wafer type check valve that is still located above a column of fuel. We need to verify that this will work. Maybe WGI can provide us an example where they have used this configuration in the past with success. In addition, the drawing provided is a copy of a submittal with the location of the proposed valve written on it by hand. We should require that WGI generate a drafted, dimensioned drawing showing the precise location of the valve. This drawing should be stamped by a Texas PE. Further, I think we should consider requiring WGI to specify the brand and model of valve that shall be installed; ambiguity is part of what brought us here.

I think we should require that WGI purchase the fuel and after the new check valves make the fuel farm operational, the Town will then purchase the fuel from WGI.

If WGI is going to pay for the extra work, I think we should let them. Time is too important at this point to try to save WGI some money.

Aaron Russell, P.E.
 Asst. Director of Public Works
 Town of Addison
 16801 Westgrove Dr.
 Addison, TX 75001
 Ph. (972) 450-2879
 Fax (972) 450-2837
 arussell@ci.addison.tx.us

-----Original Message-----

From: John Birkhoff [mailto:JBirkhoff@BHCLLP.COM]
Sent: Wednesday, August 02, 2006 11:25 AM
To: Mark Acevedo; jhill@cowlesthompson.com
Cc: Aaron Russell; Nancy Cline
Subject: Re: Draft Check Valve Change Order Directive - Addison AirportFuel Farm

Privilege Communications

Under Method C the Engineer shall direct the form in which the accounts of actual field costs shall be kept and shall specify in writing the method to do the work, and the type and kind of machinery and equipment to be used. I recommend if Method C is to be used, the provisions in item 1.40 be followed to insure the paper work is completed by the contractor and received by the engineer. I recommend this be part of the change order so no guessing is going on and no argument after the fact takes place of what is required to get paid.

I do not see in section 13061 what the method of cleaning is defined. It states to drain and ventilate the tank. Contractor will need to know what to do with the fuel they are draining. If its 5000 gallons what is to be done with it. Waste it ,transfer it or etc etc. The term clean the tank is not identified by the engineer, so what needs to be done to clean the tank after the fuel is drained and ventilated.

My understanding is the contractor is to drain the fuel out of the tanks by pumping it out, dispose of the fuel in a legal manner by an company who disposes of fuel, ventilate the tanks for some period of time, place two or three men in the tank with ventilation equipment, remove nuts and bolts at a flanged fitting, furnish and install the new check valve, furnish and install new gaskets, bolts and nuts, button up the tank, notify Town to delivery new fuel to tank, Town is to furnish some amount of fuel and contractor to allow WGI to test tank, during priming contractor to furnish crew to hold Anti-Siphon valve open, and contractor to furnish personnel to prime the system with buckets of fuel, WGI is to run system.

Before, Burns and Mc told Town tanks had to be fill to make system operational, now only a partial fill is required but an amount is not stated. Does that amount of the partial fill stay in the tank or is it transferred as before? Question back to WGI.

Does any vapor recovery system need to be in place to ventilate the tanks to meet clean air standards? Can a forced ventilation system be used to speed up the process of getting into the tanks? Questions back to WGI. We do not want TCEQ to show up and force Addison to spend money to solve this issue.

It is my opinion that the contractor be notified that his alternative valve system to the foot valve does not hold suction as required. State that that the engineer has been told by the installed valve manufacturer that the configuration provided by the contractor will not work to keep suction on the system and that the foot valve is required. Direct the contractor to furnish and install the foot valve at detailed and describe the procedure to accomplish the task. Again moving the fuel, disposing the fuel and adding fuel needs to be determined.

The contractor still has responsibility for the valve that does not function as it was his option.

The contractor will most likely respond that it is not his problem and point to the fact the engineer allowed it or refuse to do the work for a number of other reasons.

At that time the directive to complete the work under Method C should go out. At that time he will conform or refuse. If he refuses that will lead the Town to go to the bonding company. It also allows based on the contractors response to share the cost between the engineer and the contractor.

Question back to WGI and Burns & Mc with the foot valve in place is the check valve on top required and can an anti siphon valve be enough up top. This should determine if the cost of the foot valve should be paid by the Town. If the check valve is not needed with the foot valve (This is a check valve) then it becomes clear not cost should be borne by the contractor.

My recommendation draws the process out further, probably another 30 to 60 to days (letter writing to secure position with bonding company or Judge), but attempts to get contractor pay or to share in the cost of the repair. The current method pays the contractor an unknown amount of money by the Town or WGI relieving the contractor of his responsibility of the installed valve. As I have said before it is my opinion both the engineer and contractor are at fault. Trying to minimize the cost on WGI and Burns &

Mc should in my opinion help keep a good relationship with the Airport Managers over the long term of their contract. If it is cost sharing that comes out of this, you could direct WGI and the Contractor to work out the payment details and stay out of the change order process and see if that gets it done quicker.

I think it takes 30 to 45 days to get change order to council and another 60 days to get valves and get the work completed. Either way the remaining fuel will be past its life. It is important to move that fuel some how even to sell it back and take a partial loss.

Unfortunately, the other change orders that have been hanging out there with no direction to the Contractor makes it hard for him to come back and complete the work with out a signed change order or written agreement. I do think that needs to go out as soon as possible.

Mark this is my first response to what is being proposed. I could not get the sketch to print out and am assuming is details the piping inside the tank with dimensions and shows the location to place the foot valve.

Internal question, who is paying for the fix? I assume WGI and Burns & MC has or will agree to pay. Burns & Mc stated fill the tanks and they will work. Should they be notified through WGI that any loss needs to be reimbursed by them?

I am available to sit down and discuss my thoughts (for Nancy my poker hand).

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.

To excel in consulting municipal engineering
through creative, professional and ethical practice

>>> "Mark Acevedo" <macevedo@ci.addison.tx.us> 08/02/2006 9:21:18 AM >>>
Good morning Fuel Farm Team:

Last night I received the attached WGI Change Order directive to Thielsch Engineering for corrective action to resolve the pump priming issue at the fuel farm. Please review and provide your comments. Two areas that I have specific comment on are 1) Is this a fix that needs sixty days to complete or can that time frame be shortened? 2) The Town providing testing fuel? We did this already, should we have to do this again? Can we not use what is still left there? We has already sold some back to an FBO but there is still quite a bit there.

As soon as I receive your comments, I will incorporate them and send this back to Ted Rigo. Thank you!!

Mark

Mark Acevedo
Town Of Addison, Texas
Director of General Services
972-450-2848 Office
972-450-2825 Fax
macevedo@ci.addison.tx.us

This e-mail and any files or attachments transmitted with it contains Information that is confidential and privileged. This document may contain Protected Health Information (PHI) or other information that is intended only for the use of the individual(s) and entity(ies) to whom it is addressed. If you are the intended recipient, further disclosures are prohibited without proper authorization. If you are not the intended recipient, any disclosure, copying, printing, or use of this information is strictly prohibited and possibly a violation of federal or state law and regulations. If you have received this information in error, please delete it and notify Hamid Khaleghipour at 972-450-2868 immediately. Thank you.

Construction Contract Revision**05-02 Bulk Fuel Storage and Dispensing System**

This is a Construction Contract Revision CCR-029 (Change Order) to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** ("Thielsch" or the "Contractor") and the **Town of Addison** ("TOA" or the "Principal". Thielsch requests additional compensation for significant issues affecting Contractor costs and schedule:

- Inadequate design details at onset of construction;
- Major equipment layout change during construction;
- Inadequate engineering support through construction and engineering;
- Inadequate drawing and specification details affecting materials takeoffs and deliveries;
- Increased materials requirements affecting construction labor costs and construction schedule;
- Burdensome and costly change order process; and
- Slow response from Engineer regarding inputs required to maintain construction budget and schedule—requests for information, clarification of installation details, change order resolutions, etc.

Furthermore, Thielsch believes key documents required for construction and/or support of start-up commissioning were incomplete or significantly late at the time of their delivery to Thielsch. These documents included:

- Project specification;
- Engineering drawings;
- Start-Up Manual;
- Operations Manual;
- Commissioning Plan w/details; and
- Project Communications.

Accordingly,

1. Thielsch believes that the following events and conditions led Thielsch to incur costs in excess of those anticipated under the original contract and caused Thielsch to incur additional time to execute the project.
 - a. Changes to project not incorporated into specification or engineering drawings. The following significant design changes were reported in Addendum 2 of the Specification, dated November 23, 2004:
 - 1) Change in pump type from Gorman-Rupp centrifugal to Blackmer positive displacement;

Comment: These changes were part of the addendum. A responsible bidder would have included the changes in his bid. The contractor should account for any additional risk the bidder feels is there in his bid.

- 2) Provide fusible link, spring-to-close, emergency shutoff valves (ball or butterfly) in tank fill and suction piping; and
- 3) Filter separator capacity for AvGas system should be increased to 200 gpm and floating suction size for AvGas tanks shall be increased to 4-inch from previous 3-inch.

In addition to these changes, Thielsch identified a number of significant issues outstanding just prior to the Notice to Proceed which would be incorporated into project specification and engineering drawings. A number of these concerns were documented in the e-mail ("Open Issues at Start of Construction") of March 17, 2005—R. Normandeau (TEI) to M Acevedo (TOA), with copies to other TEI, Burns & McDonnell, and WGI personnel. Correspondence from Mark Acevedo (TOA) to Neil Rood (WGI) of March 18, 2005 indicated that the open issues would be resolved....." ...I authorized Sam to go forward with revised drawings at an additional cost of \$6,000. These revised drawings would include the changes discussed to achieve project savings. We all left that meeting with the idea that we would have the drawings by Friday March 11, with the hopes of issuing a notice to proceed given the beginning of this week. I can not and will not issue a notice to proceed until the issues are resolved. Neil the longer we wait to issue the notice to proceed, construction costs continue to rise. I need to get these issues resolved and start this project." These issues included the issuance of dimensioned drawings for equipment and piping layout. Thielsch was assured that the issues identified in that e-mail would be incorporated into specification and drawings as requested. In fact, the drawings did receive minimal revisions, but did NOT incorporate the requested changes—e.g. dimensioned pipe routings did not happen; horizontal filter separators versus vertical filter separators did not happen; Liquid Controls aluminum flowmeters, instead of double steel wall Smith flowmeters, did not happen; additional butterfly valves were added without prior acknowledgement that they were needed; and, revision bubbles showing the changes were not specific but encircled all the lines on the conduit and cable schedules. Index A—Addison Drawing Index (attached)—reflects the drawing revisions that existed at the onset of construction.

- b. There are additional examples of information which was to be clarified due to vague and incomplete answers. Responses to bidders' questions were vague and incomplete. Examples included:

- 1) "There don't seem to be any "unions" in the small 3/4" and 1" returns; should we place some in the system?"—Answer: Provide where necessary per paragraph 13061, 3.02G (which reads—"provide threaded unions where indicated and as required elsewhere to permit satisfactory

disassembly of small bore piping for threaded valve and equipment maintenance”;

2) “What is and where are the specs for the floating suction w/foot valve assembly as shown?”—Answer: If foot valve cannot be obtained with floating suction arm, provide check valve in suction piping internal to tank. Also, provide anti-siphon valve on tank nozzle, a Cla-Val or approved equal. If the anti-siphon valve can act as a check valve, then the check valve in suction piping is not required;

3) “Is there a detail drawing of the 25,000 gallon MoGas/Diesel tank showing piping valves, filters, etc.?”—Answer: It is the intent for the gasoline/diesel tank and dispensing system to be provided as a package from a single supplier. This includes all connected piping/valves/filters, etc.;

4) “Is there a listing of location of tank nozzles for MoGas/Diesel?”—Answer: See response to question above regarding MoGas/Diesel tank;

5) “There is a detail for a “pipe support” shown on plan page 29; however, there is no support schedule shown and no specification for this item. Please clarify.”—Answer: Pipe supports are specified in Section 13061. Contractor to locate per specifications (Section 13061 reads—Support design and location shall be as indicated and as otherwise required by the piping/equipment layout chosen. Refer to Section 13051); (Section 13051 reads--Contractor shall locate and provide supports for piping in accordance with specified Codes and Standards; Contractors shall provide additional support as required due to changes in the pipe routing or equipment supplied; Make adjustments after systems are placed in operation.);

6) “Specification 13201, nozzles for tanks do not match drawings.”—Answer: Not all nozzles have been indicated on drawings but are covered in specifications;

7) “No details or drawing for tank vents?”—Answer: This was not considered necessary—industry standard arrangement;

8) “There is a statement on page 155, Section I on testing of the spec book that holds the contractor responsible for design problems. Please clarify.”—Answer: Not interpreted as described. Contractor will be responsible for installation, not design.

These questions and responses indicate that the Engineer was not providing sufficient information to properly execute the construction phase of the project; it was these types of questions that led to the March

17, 2005 e-mail mentioned in (a.) above. A critical Engineering omission affecting construction was the failure to provide dimensioned drawings.

- c. Critical design omissions/changes after the construction project was underway. To meet the overall project schedule, improve productivity, and meet budgeted labor costs included for the bid, the 3" and 4" piping was pre-fabricated by Thielsch in a weld/fabrication shop in Corpus Christi, TX--while the tanks were simultaneously being fabricated in Pennsylvania. By June 29, 2005—with four (4) full months of the seven (7) month schedule remaining—all of the fuel storage tanks had been placed in position. Consistent with the construction plan developed during the bidding process, the spool pieces and assemblies were transported to the Addison project site when the field welding crew mobilized to the site. Within days of mobilizing at the site, the Contractor was advised by the engineer of a significant change to equipment layout, including the relocation of the filter separator from the west side of the tanks to the east side of the tanks. This equipment layout change meant that almost all of the pre-fabricated pipe spools were fabricated for naught because the pipe routings on both ends of already positioned tanks were significantly altered. A change order was written (CCR-010) to attempt to cover the cost impact of this change, but the costs and schedule impact were underestimated in that change order. The impact of that single significant change was as follows:

Comment: If the contractor provided the cost quote for the Change Order, then it is the contractor's responsibility to effectively estimate cost. No additional compensation related to an approved change order is available unless conditions pertaining to the approved Change Order change.

- 1) The piping spools that had already been completed in the shop, in anticipation of the original equipment layout, had to be redone—the labor and consumables associated with those shop welds were lost; much of the fittings and pipe that had been cut to within inches of the design length required substantial re-cutting, re-prepping, and re-welding—and/or new fittings and pipe had to be ordered and received to replace them, with new welds made;
- 2) The efficiency of shop fabrication was lost—field conditions resulted in less productivity and efficiency of the welders;
- 3) The cost of the welders in the field was significantly greater than the welders in Corpus Christi; and
- 4) The confusion in trying to find spools that could be salvaged or at least partially salvaged severely impacted productivity and efficiency. All the tasks had to be juggled when the change to equipment layout was communicated to the field. As a result, additional Thielsch project management and supervision was required.

- d. Equipment layout was unreasonably and unnecessarily cramped—leading to work productivity issues during construction phase. Based on the scale provided on the drawings (1" = 10', drawing 6 of 33), the design distances versus the actual distances were as summarized below:

| | <u>Design</u> | <u>Actual</u> |
|--|---------------|---------------|
| <i>North/South between the tanks</i> | 52.5" | 53" |
| <i>Inside of West curb and west end of tanks</i> | 112.5" | 46" |
| <i>Inside of East curb and east end of tanks</i> | 82.5" | 87" |

The original (basis of bid) layout had the filter separator on the west side of the tank. Engineer redesigned equipment layout to move the filter separators to the east side of each tank—*after the tanks were already set in place and pipe had been fabricated.* This modified equipment arrangement resulted in a very cramped area for equipment placement, and for the connection of the piping and instrument/electrical. This cramped condition resulted in a significant loss of productivity for the construction activities—since so much of the equipment was installed, and required to be connected, on the east side of the tanks. Moreover, Thielsch was instructed to undertake this modification but not provided dimensioned drawings for execution. This productivity impact also was felt during the construction testing phase of the project, as the filter elements for the filter separator were installed for the flushing sequence and as the operational filter elements were installed for the Commissioning activities. Some members of the FBOs commented during site visits that there was very little room to access, operate, or maintain the valves and equipment. This equipment arrangement problem was a direct result of incomplete engineering at the onset of construction, and lack of Engineering presence during the construction phase.

- e. Personnel Turnover for Engineer/Owner—The major stakeholders in the project were: a) WGI as Engineer; b) Town of Addison as owner; and c) Thielsch. Page 51 of the Project Specifications—Section 01000-Summary—lists the Owner's Representative and Project Engineer as Jim Pierce, P.E., Assistant Public Works Director. When Mr. Pierce left the project on 2-18-05, the Town failed to provide a replacement with comparable experience and project knowledge. In addition to the loss of the Owner's Representative, there was a significant turnover in the

Engineer's staffing. During the course of the project, three (3) different project Engineers were assigned management responsibility for the project by Washington Group—Sam Lundgren, Tom Cobb, and Kevin Davis. In addition to the slow, late or absence of design information, such as the dimensioned drawings, basic—and necessary—project communication issues failed to be addressed in a timely manner: a) weekly meetings—agenda, detailed minutes, and follow-up; b) inspection of ongoing construction activities by the Town, and by the Engineer; c) resolution of change orders; d) scheduled release date for Startup Manual; d) scheduled release date for the Operations Manual; e) scheduled release date for Commissioning Plan; etc.

- f. Engineering support at the site was virtually non-existent throughout the Construction phase. Field engineering questions had to be deferred to the Engineer's office in Denver, CO resulting in loss of efficiency for the Contractor's supervisory staff and for the Contractor's field labor. A notable example of this problem was the relocation of the filter separator. When the Engineer alerted the Contractor that the equipment needed to be moved, no drawings were provided. Engineer requested Thielsch assistance in implementing design change. As a result, the task of establishing the new equipment arrangement fell to the Contractor. This required the construction manager and field superintendent to defer all other ongoing field activities to prepare templates, lay out the equipment, take digital photographs, and communicate with/seek approval from the Engineer remotely—since the Engineer did not visit the site even for this major field change. The consequence of this change was a loss of productivity for the Contractor's field supervision and field labor. To keep the project advancing, the Contractor was required to accept the burden of design engineering and project management. Other examples of imposing the burden of engineering design and project management on the Contractor included:

- 1) Design of pump base supports;
- 2) Resolution of the issue regarding the discharge of the oil-water separator;
- 3) Resolution of Fire Detection System revisions (add four (4) flame detectors);
- 4) Propose design of floating suction connections on the tanks;
- 5) Establish installation details for Cla-Val High-Level cutoffs. It wasn't until the Cla-Val high level control valves were received that the requirement for the significant stainless steel tubing runs, necessary for the valves to function properly,

became clear. It was not only required to connect tubing from the discharge side of the fuel pumps to the Cla-Val on the top of the tanks, it was necessary to drill a hole through each 24" manway cover and install leak-tight bulk head fittings in order to install the float assemblies in the tanks;

- 6) Design, and submit for engineering approval, vent line supports for 2" vent lines from waste tanks;
- 7) Design, and provide installation details, for MoGas/Diesel tank and dispensing system;
- 8) Coordinate fence design revisions so the fence would meet TXDOT standards, etc.

g. Slow resolution of field questions and Requests for Information (RFIs).
The most notable examples include:

- 1) landscaping plans;
- 2) oil/water separator discharge elevation resolution;
- 3) air conditioner required for satisfactory operation of MCC;
- 4) vent sizing for storage tanks;
- 5) installation of additional Siemens fire detectors;
- 6) auto-dialer for fire alarm;
- 7) cost and responsibility for GasBoy dispensing system;
- 8) floating suction details;
- 9) adequacy of transfer pump suction head;
- 10) commissioning plan details; etc.

h. Change order process implemented post-project award. There was no provision for change orders incorporated in the project specification. Subsequent to the notice to proceed and beginning of construction, TOA and engineer implemented a change order process which required:

- 1) individual change orders to be originated by Contractor, requiring significant documentation and detail;

Comment: Do we have a copy of the Change Order implementation letter? Did the contractor agree to the process in writing? Was this done as part of the Notice to Proceed? If so, does the act of beginning work insinuate that the contractor is in agreement with the process?

- 2) individual change orders to be submitted, reviewed and approved;
- 3) the dollar sum of the approved change orders to be reviewed and approved by the Town Council; and
- 4) steps 1 through 3 to be completed before releasing payment on even the first change order submitted. The impact of this procedure was additional administrative burdens on the Contactor, along with the requirement for the Contractor to fund all the change orders throughout the course of the project—including the filter separator relocation that was required within days of mobilization of the Contractor's mechanical crew. The process was arbitrary and inefficient and imposed burden on Thielsch even when the request was initiated by Engineer or TOA.

- i. Change order requirements required excessive engineering and clerical support, after work was completed. A 5" binder of change order information was developed by the Contractor and brought to the 2-6-06 change order review meeting. There was no sense of urgency by TOA or WGI to resolve change orders; TEI was presented with a single sheet of paper at the 2-6-06 change order meeting. The Engineer's backup information—provided when requested at the meeting--was dated 11-29-05, but was never shared with TEI until February 6, 2006. This was indicative of the lack of communications from the Engineer to the Contractor, and the willingness by the Owner/Engineer to allow the Contractor to fund all of the change orders. In several cases, unreasonable requirements were imposed on the Contractor for particular change orders to even be considered. Notable examples of these change order process issues included:

Comment: How were the Change Order items engineered by the contractor after the work was completed? If the contractor is speaking of engineering he had to perform to accomplish the change order work, then these costs should have been accounted for in the change order proposal. No additional compensation should be available.

- 1) the oil-water separator issue, where critical schedule days were consumed requesting assistance from the Engineer and describing alternatives engineered by the Contractor—until the Contractor developed a simple solution (thousands of dollars less expensive than the Engineer's proposed solution) to accommodate the outlet elevation of the OWS;
- 2) the MCC air conditioner, where critical schedule days were consumed explaining why an air conditioner was a necessity, and describing alternatives engineered by the Contractor and their electrical subcontractor—until Siemens (fire protection group) finally made it clear that their equipment would not be warranted unless or until the air conditioning unit was installed. This was a particularly disappointing example because of the following:

- a) the Contractor and subcontractor invested a great deal of time to develop, present—and defend—solutions to the problem;
- b) Siemens equipment was damaged by the lack of an air conditioner;
- c) resumption of Commissioning activities in June was impacted by the lack of an air conditioner—as the heat affected the MCC transformers and fuses; and
- d) the AC was ultimately installed anyway—six months after it was recommended by the Contractor--and TOA paid Siemens directly, thus circumventing the change order process and not compensating Thielsch.
- j. During the 2-6-06 change order review meeting with the Engineer, the Engineer's representative stated that the job was a "Design/Build" contract and that any omissions in the engineering package were the responsibility of the Contractor. It was further reported, in the 2-6-06 meeting minutes..... John Bagnall, representative of design engineering subcontractor for WGI, responded to a question that the project was a performance specification, and a performance plan, and that it was *our* (TEI's) responsibility to make the equipment we purchased work. Although this assertion is consistent with collective behavior during the project, this assertion was inappropriate and inconsistent with the project specification--which calls for the Contractor to complete the construction and the Engineer to comply with Engr. Responsibilities called for on pages 55 through 57 of the Specification (Section 01810).
- k. Consistent with all construction projects, the cost of changes in the Construction phase is orders of magnitude greater than the cost of changes in engineering phase. Actual Thielsch monthly expenses—Engineering, Craft Labor, and Per Diem—are summarized in Attachment A. The major cost and schedule impacts have been described above:
- 1) TOA/WGI commitments to provide additional design information, as summarized in the March 17, 2005 e-mail described in point (a.) above, were not met;
 - 2) Owner/Engineer presence—and decision-making--during the construction phase was suboptimal, because of key personnel turnover and absence, and limited availability of engineering personnel;
 - 3) lack of presence of Engineer in the field, imposed design and project engineering burden on contractor;

Comment: Section 01810 of the specifications speaks about General Commissioning Requirements. It in no way addresses the question as to whether this is a "Performance Specification" or not. The specification referenced is irrelevant to the argument being made in this paragraph.

Comment: Do we have a copy of this email?

4) filter separator equipment change resulted in significant loss of field labor efficiency, increased cost, and schedule impact; and

5) lack of detail in drawings resulted in increased materials and labor costs in construction phase.

l. Lack of engineering detail resulted in the requirement for considerably greater quantities of materials to be purchased in the field, as compared to the bid assumptions. The impact of this lack of detail in the drawings and specifications resulted in much higher than expected material purchases, and much higher than expected labor costs—which are a direct function of the quantity of the materials installed in the field. The Contractor was unable to recognize the total project materials requirements because of the lack of detail in the engineering drawings and specification which required individual equipment components to be set in place and tie-ins to be underway prior to establishing material take-offs.

Comment: The contractor knew of this lack of detail when bidding the project. A responsible bidder includes money in the bid to cover any perceived risk.

m. Startup Manual provided to Thielsch late in the construction phase. The Startup Manual was issued 11-15-05—nearly eight months after the Contractor received the Notice to Proceed. The Startup Manual is intended to set expectations regarding mechanical and electrical testing, and outlines the responsibilities regarding construction testing and commissioning. The manual is yet another tool to ensure a smooth project flow—a tool that was delivered very late in the project.

Comment: Do we have a copy of the Start Up Manual?

n. Late receipt (3-17-06) of incomplete Operations Manual; this document is intended to provide guidance to the FBOs in the safe operations of the equipment, and set expectations and guidelines regarding Commissioning activities. The manual was not issued to the Contractor until a formal request was made by the Contractor—subsequent to attempting to Commission the fuel farm—in March of '06. The Startup Manual lacks specific details regarding the equipment installed, and none of the drawings included in the manual are dated. The Startup Manual serves as an example of less-than-optimum communications by the Engineer, and insufficient site presence by the Engineer.

Comment: The Operations Manual is typically intended for the Owner's use.

Comment: Are they talking about the Start Up Manual or the Operations Manual?

o. Late receipt of incomplete and inaccurate Commissioning Plan and Schedule. The first version of the Commissioning Plan and Schedule was issued 4-5-06--after demobilization by the Contractor, and after attempting to commission the equipment in March. The Commissioning Plan and Schedule is intended to ensure a smooth transition from construction, to startup and operations. There were a number of shortcomings with the Commissioning Plan; these are summarized as follows:

Comment: Do we have a copy of the Commissioning Plan? We need to verify when it was issued.

- On 5-31-06, the document was issued as Revision 02 and titled Commissioning Plan; the 6-5-06 version is issued as Revision 01 and titled Commissioning Schedule.
 - The 6-5-06 version stated that no comments had been received on earlier versions. However, TEI provided comments on these documents and the Fill Summary Matrix. These comments were: a) MoGas/Diesel was not considered; b) Tank 14 was listed as both AvGas and Jet A; and c) MoGas/Diesel should be delivered earlier in the Commissioning schedule. TEI also stated that commissioning could be completed in six days, instead of seven days.
 - The 6-05-06 version showed the first tank being filled as Tank #1. However, that was changed to Tank #2 because Tank #1 had still not been cleared of fuel from the March '06 activities; clearly, the status of Tank #1 was known when the schedule was developed.
 - The 6-05-06 version called for possibly removing the 24" manway for access to the floating suction; TEI was able to identify an easier access which required only the removal of a four inch flange.
 - Throughout the 6-5-06 version, there was never a mention of priming the pumps--an activity that physically taxed the Contractor personnel.
 - During the meeting of 5-17-06, TEI repeatedly requested a contingency plan related to problems anticipated with the dispensing of fuel. B&M personnel were present until about 2:00 PM on 6-8-06 and not present again until 6-13-06. Perhaps a more timely response to the problems that were actually experienced could have been provided if the B&M representative would have been available for more than one day, and/or if another B&M representative had not been required to travel to the site four days after the problem was first observed.
 - The Engineer requested a minimum of four (4) craft labor to support commissioning. The tasks were completed ahead of schedule with one (1) craft person.
- p. Minimal cooperation from WGI to coordinate vendor support in a timely manner. The key elements for Commissioning, as indicated in the 5-17-06 meeting minutes, are: 1) fuel; and 2) key vendor support (Cla-Val). When the Contractor was attempting to commission the equipment in March—

Comment: We need to discuss in detail how this actually happened. How was the contractor commissioning prior to the issuance of the commissioning plan? Was there not enough fuel or was the check valve not holding a prime at that time?

having secured the services of the Cla-Val representative—WGI/TOA was unwilling to provide adequate fuel to support the commissioning activities. The services of the Cla-Val representative were lost, and the Contractor was forced to return to the site in June—at considerable additional expense. The Owner and Engineer did not accept, or adequately discharge, their responsibilities for leading the Commissioning activities, as called for in Section 01810 of the Specification. The June 16, 2006 letter from WGI (Kevin Davis) to TOA (Mark Acevedo)—Status of Commissioning Addison Airport Fuel Farm—indicated that “The most significant deficiency listed above is item No. 1”, and item No. 1 reads....”The pumps did not pump fuel with just the push of the “start” button the majority of the time. After one pumping cycle, the loss of prime was experienced requiring the addition of 15 to 30 gallons of fuel to the 4-inch suction line at the top of the tank”. This problem, documented on June 16, was first experienced the week of March 13; a period of fourteen (14) weeks, or 98 days, had lapsed in a project that had originally been forecast to take thirty (30) weeks. These Commissioning delays are indicative of the lack of a sense of urgency on the part of TOA/WGI.

- q. Ribbon Cutting Ceremony of 12-2-05 resulted in mobilization and demobilization costs, loss of productivity, additional site cleanup costs, and ongoing cost of site presence (utilities, equipment rentals, etc.). The summary of monthly expenses for Contractor site presence is provided in Attachment B. Although the Contractor absorbed the cost and productivity impact of the work interruption, the only offset offered was extra days on the schedule; no provision was made for mobilization/demobilization or loss of field labor efficiency caused by the construction interruption.
- r. TEI completed pressure testing of piping systems and storage tanks, and flushing of piping systems in early March. The preliminary punch list was not provided until March 25. The timing for the preliminary punch list is indicative of two TOA/WGI practices which greatly impacted the Contractor:

1) Minimal site presence through the course of the Construction phase; a reasonable expectation would have been to have some inspection and feedback on installed equipment, so that issues could be more clearly understood—and resolved—in a timely manner;

2) Failure to recognize that extending the Contractor’s site presence results in a significant cost penalty for the Contractor—consisting of field labor, field supervision, and the daily costs of maintaining a site presence (trailer rental, utilities, phones, internet, restrooms, etc.).

Comment: Was there any discussion of additional cost to the contractor at the time? Does the contract speak to this?

Comment: Was a time claim made at that time? If not, why?

Impact of Most Significant Project Issues on Contractor

- s. Construction activities, with the exception of punchlist items, were completed on Friday March 10; Contractor demobilization occurred on Friday March 17.
- t. Construction activities should have been completed at the end of October 2005—but the factors described as items a through r above extended the schedule a total of 5 months.
- u. Contractor was forced to provide additional engineering personnel to initiate, clarify, or complete engineering in the field.
- v. Contractor was forced to provide additional engineering and administrative time—and accounting and purchasing support--to provide expansive documentation for change order requests.
- w. Contractor funds were unduly held by Owner; Attachment C indicates the cost of the payment delays.
- x. Failure by Engineer to issue the Startup Manual in a timely manner resulted in a lack of coordination/loss of productivity for key subcontractors (Rabalais Electric) and Contractor personnel.
- y. Failure by Engineer to issue the Operations Manual in a timely manner resulted in a lack of definition for Owner and Engineer expectations at Commissioning and Startup.
- z. Lack of coordination of Commissioning activities required additional time and travel expenses by Vendor Support and Contractor personnel.

Comment: The documentation required for change order requests is typical.

Comment: Are we paid up except for Change Order requests and retainage?

Allocation of Cost Increases

| | |
|--|-----------|
| aa. Engineering, Craft Labor, and Per Diem for November '05 through March '06 as indicated in Attachment A: | \$914,963 |
| bb. Additional travel costs to support project extension From November '05 through March '06, From attachment A: | \$ 46,258 |

| | |
|--|-------------|
| cc. Costs for site presence by Contractor for November 2005 to March 2006, as indicated In Attachment B: | \$ 39,000 |
| dd. Impact of Owner's failure to pay invoices in a timely a timely manner, as indicated in Attachment C: | \$ 98,200 |
| ee. Two months of ongoing engineering support costs, by Contractor, to: assist and ensure the completion of the Commissioning plan by the Engineer. This figure is derived from Attachment A—Engineering, Field Labor, Per Diem, and Travel for the months of April and May 2006. The calculation implies that 90% of the ongoing support costs should have been avoided by Thielsch ($0.9 \times \$57,991 = \$52,192$). | \$ 52,192 |
| ff. Additional home office support costs caused by project extension, as indicated in Attachment D —\$11,125 (\$2225/month). | \$ 11,125 |
| gg. Additional materials that could not be identified from the bid package—\$300,000. There were fifteen (15) major product storage tanks—the inability to account for only \$20m worth of materials for each of these 15 storage tanks yields the \$300m total. It's worth noting that overfill valves are \$900 each; butterfly valves are \$340 to \$850 each; a set of filter elements is about \$650/tank; camlock adapters are \$110 to \$350 each; 1" check valves are \$180 each, etc. | \$300,000 |
| Total Costs—Items aa through gg above— | \$1,461,738 |

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of \$ 1,461,738, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
3. Impact to schedule is 219 days—the period between what should have been the end of the construction activities (10-31-05), and the resumption of Commissioning activities (6-08-06).
4. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

Thielsch Engineering, Inc.

Date _____

Town of Addison

Date _____

cc: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

ADDITIONAL COMMENTS:

1. Section 010001 "General Provisions" reads as follows:
 - i. The General Provisions to the Contract shall be as stated in the Standard Specifications for Public Work Construction, North Central Texas Council of Governments (3rd Edition, 1998), under Part I, "General Provisions", Items 1.0 through 1.63 inclusive, as amended or supplemented and except as modified by the special provisions.
 - ii. **Item 1.37.3 NCTCOG "Extra Work"**
When any work is necessary to the proper completion of the project and for which no prices are provided for the proposal and contract, the contractor shall do such work, but only when and as ordered in writing by the Engineer. Payment for extra work shall be made as hereinafter provided in Item 1.38.
 - iii. **Item 1.38 (Key Pieces)**
Payment for extra work shall be made by one of the following methods.
 - (a) Method "A" – by unit prices agreed on in writing by the Engineer and the contractor and approved by the owner before said extra work is commenced, subject to all other conditions of the contract.
 - (b) Method "B" – by lump sum price agreed on in writing by the Engineer and the contractor and approved by the owner before said extra work is commenced, subject to all other conditions of the contract.
 - (c) Method "C" – by actual field cost of the work plus 15 percent as described herein below,

agreed on in writing by the Engineer and the contractor, and approved by the owner before said extra work is commenced, subject to all other conditions of the contract.]

2. **Item 1.39 "Disputed Work and Claims for Additional Compensation"**

- i. If the contractor is of the opinion that (a) the work necessary or required to accomplish the result intended by this contract, or (b) any work ordered to be done as contract work by the owner is extra work or additional work and not contract work, or (c) any determination or order of the owner violates the terms and provisions of this contract, the contractor shall promptly, either before proceeding with such work or complying with such order or determination, notify the owner in writing of his contentions with respect thereto and request a final determination thereof.
- ii. Such determination of the owner shall be given in writing to the contractor. If the owner determines that the work in question is extra work and not contract work, or that the order complained of requires performance by the contractor beyond that required by the contract or violates the terms and provisions of the contract, thereupon the owner shall cause either (a) the issuance of a written order covering the extra work as provided for in Item 1.37 hereof, or (b) the determination or order complained of to be rescinded or so modified so as to not require performance beyond that required by the terms and provisions of the contract.
- iii. If the owner determines that the work in question is contract work and not extra work, or that the determination order complained of does not require performance by the contractor beyond that required by the contract or violate the terms and provisions of the contract, he shall direct the contractor to proceed, and the contractor must promptly comply. In order to reserve his right to claim compensation for such work resulting from such compliance, however, the contractor must, within 20 calendar days after receiving the owner's determination and direction, notify the owner in writing that the work is being performed, or that the determination and direction is being complied with, under protest.
- iv. If the contractor fails to so appeal to the owner for a determination or, having so appealed, should the contractor thus fail to notify the owner in writing of his protest, the contractor shall be deemed to have waived any claim for extra compensation of damages therefore. No oral appeals or oral protests, no matter to whom made, shall be deemed even substantial compliance with the provisions of this item.
- v. (Paragraph 7) Unless the aforesaid requirements and conditions shall have been complied with by the contractor, the owner shall

Comment: Were the Change Orders approved in writing before the work commenced?

be released from all claims arising under, relating to or by reason of the contract, except for the sums to be due under the payment provisions of this contract. It is further stipulated and agreed that no conduct on the part of the owner or any agent or employee of the owner shall ever be construed as a waiver of the requirements of this section, when such requirements constitute an absolute condition precedent to any approval of any claim for extra compensation, notwithstanding any other provisions of the contract documents; and in any action against the owner to recover any sum in excess of the contract amount, the contractor must allege and prove strict compliance with the provisions of this section.

Comment: Did any of this happen?

- 3. **Additional files that may be needed for Monday's meeting.**
 - i. Change Order Process implementation letter and any subsequent correspondence relating to it.
 - ii. March 17, 2005 email making a commitment to provide additional design information.
 - iii. Copy of System Start Up Manual
 - iv. Copy of System Operations Manual
 - v. Copy of the Commissioning Plan
 - vi. Payment Accounting to Thielsch (We need to make sure we have paid everything except Change Orders and retainage)

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July 17, 2006

Mr. Mark Acevedo
Director of General Services
Town of Addison
General Services Department
Post Office Box 9010
Addison, TX 75001-9010

SUBJECT: Bulk Fuel Storage and Dispensing System
Town of Addison Airport
Construction Contract Revision - CCR-029

Dear Mark:

Please find attached CCR-029 for the above-referenced contract for construction of The Town of Addison Airport Bulk Fuel Storage and Dispensing System. This CCR requests additional compensation for Thielsch Engineering in the amount of \$1,461,738. I believe that CCR-029 stands on its merit; however, I also recognize that the requested amount reflects a substantial increase in the contract amount. Accordingly, I would encourage you to contact me at your convenience if you have any questions related to this requested payment.

In addition, I would request that you expedite processing and payment of this and the other currently outstanding change orders. As you know, Thielsch Engineering has been patient in requesting and seeking payment for construction changes for this project. However, no payments have been forthcoming for change orders, and The Town of Addison has also withheld retainage under terms of the original contract. In aggregate, the amount previously invoiced, but not paid, approaches \$1,000,000.

Thielsch Engineering is cognizant that the bulk fuel storage and dispensing system is not meeting your expectations for performance. We are also aware that Town of Addison personnel met with your engineers, WGI, to discuss results of the final stages of the start-up/commissioning. Although we were not invited to participate in those discussions nor privy to WGI commissioning report, we are aware from a brief correspondence dated July 12, 2006 from Kevin Davis, that you and WGI believe the deficiencies are related to the check valve function on

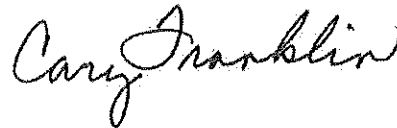
Cla-Val's pump control valve. As we have previously advised you, we would like to see data and basis for this conclusion as we at TEI do not concur with the conclusion. Furthermore, we are not satisfied that this issue was not addressed more fully in the start-up/commissioning plan. As you recall, we specifically asked you and WGI to provide a "contingency" for the commissioning process to isolate and resolve "priming" and "vibration" issues. Both of these issues were evident--although more limited--during the performance testing in March.

Although we concur that there is a problem with the system not meeting your expectations, we also believe that TEI has more than satisfied its obligations for construction. Moreover, we are prepared to assist in resolution of the performance issues.

Thank you for your prompt attention.

Very truly yours,

THIELSCH ENGINEERING, INC.

A handwritten signature in cursive script that reads "Cary Franklin".

Cary Franklin

/pfr

attachments

cc: N. Cline—TOA
K. Davis—WGI
L. Elguezabal—WGI
B. Johnson—TEI
P. Kennefick—TEI
R. Normandeau--TEI
M. Romano--TEI

Construction Contract Revision**05-02 Bulk Fuel Storage and Dispensing System**

This is a Construction Contract Revision CCR-029 (Change Order) to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** ("Thielsch" or the "Contractor") and the **Town of Addison** ("TOA" or the "Principal"). Thielsch requests additional compensation for significant issues affecting Contractor costs and schedule:

- Inadequate design details at onset of construction;
- Major equipment layout change during construction;
- Inadequate engineering support through construction and engineering;
- Inadequate drawing and specification details affecting materials takeoffs and deliveries;
- Increased materials requirements affecting construction labor costs and construction schedule;
- Burdensome and costly change order process; and
- Slow response from Engineer regarding inputs required to maintain construction budget and schedule—requests for information, clarification of installation details, change order resolutions, etc.

Furthermore, Thielsch believes key documents required for construction and/or support of start-up commissioning were incomplete or significantly late at the time of their delivery to Thielsch. These documents included:

- Project specification;
- Engineering drawings;
- Start-Up Manual;
- Operations Manual;
- Commissioning Plan w/details; and
- Project Communications.

Accordingly,

1. Thielsch believes that the following events and conditions led Thielsch to incur costs in excess of those anticipated under the original contract and caused Thielsch to incur additional time to execute the project.

- a. Changes to project not incorporated into specification or engineering drawings. The following significant design changes were reported in Addendum 2 of the Specification, dated November 23, 2004:

- 1) Change in pump type from Gorman-Rupp centrifugal to Blackmer positive displacement;

*PART OF
ADDENDUM - CONTRACTOR
BED CHANGES*

- 2) Provide fusible link, spring-to-close, emergency shutoff valves (ball or butterfly) in tank fill and suction piping; and
- 3) Filter separator capacity for AvGas system should be increased to 200 gpm and floating suction size for AvGas tanks shall be increased to 4-inch from previous 3-inch.

In addition to these changes, Thielsch identified a number of significant issues outstanding just prior to the Notice to Proceed which would be incorporated into project specification and engineering drawings. A number of these concerns were documented in the e-mail (“Open Issues at Start of Construction”) of March 17, 2005—R. Normandeau (TEI) to M Acevedo (TOA), with copies to other TEI, Burns & McDonnell, and WGI personnel. Correspondence from Mark Acevedo (TOA) to Neil Rood (WGI) of March 18, 2005 indicated that the open issues would be resolved.....”...I authorized Sam to go forward with revised drawings at an additional cost of \$6,000. These revised drawings would include the changes discussed to achieve project savings. We all left that meeting with the idea that we would have the drawings by Friday March 11, with the hopes of issuing a notice to proceed given the beginning of this week. I can not and will not issue a notice to proceed until the issues are resolved. Neil the longer we wait to issue the notice to proceed, construction costs continue to rise. I need to get these issues resolved and start this project.” These issues included the issuance of dimensioned drawings for equipment and piping layout. Thielsch was assured that the issues identified in that e-mail would be incorporated into specification and drawings as requested. In fact, the drawings did receive minimal revisions, but did NOT incorporate the requested changes—e.g. dimensioned pipe routings did not happen; horizontal filter separators versus vertical filter separators did not happen; Liquid Controls aluminum flowmeters, instead of double steel wall Smith flowmeters, did not happen; additional butterfly valves were added without prior acknowledgement that they were needed; and, revision bubbles showing the changes were not specific but encircled all the lines on the conduit and cable schedules. Index A—Addison Drawing Index (attached)—reflects the drawing revisions that existed at the onset of construction.

- b. There are additional examples of information which was to be clarified due to vague and incomplete answers. Responses to bidders’ questions were vague and incomplete. Examples included:

- 1) “There don’t seem to be any “unions” in the small $\frac{3}{4}$ ” and 1” returns; should we place some in the system?”—Answer: Provide where necessary per paragraph 13061, 3.02G (which reads—“provide threaded unions where indicated and as required elsewhere to permit satisfactory

disassembly of small bore piping for threaded valve and equipment maintenance”;

2) “What is and where are the specs for the floating suction w/foot valve assembly as shown?”—Answer: If foot valve cannot be obtained with floating suction arm, provide check valve in suction piping internal to tank. Also, provide anti-siphon valve on tank nozzle, a Cla-Val or approved equal. If the anti-siphon valve can act as a check valve, then the check valve in suction piping is not required;

3) “Is there a detail drawing of the 25,000 gallon MoGas/Diesel tank showing piping valves, filters, etc.?”—Answer: It is the intent for the gasoline/diesel tank and dispensing system to be provided as a package from a single supplier. This includes all connected piping/valves/filters, etc.;

4) “Is there a listing of location of tank nozzles for MoGas/Diesel?”—Answer: See response to question above regarding MoGas/Diesel tank;

5) “There is a detail for a “pipe support” shown on plan page 29; however, there is no support schedule shown and no specification for this item. Please clarify.”—Answer: Pipe supports are specified in Section 13061. Contractor to locate per specifications (Section 13061 reads—Support design and location shall be as indicated and as otherwise required by the piping/equipment layout chosen. Refer to Section 13051); (Section 13051 reads--Contractor shall locate and provide supports for piping in accordance with specified Codes and Standards; Contractors shall provide additional support as required due to changes in the pipe routing or equipment supplied; Make adjustments after systems are placed in operation.);

6) “Specification 13201, nozzles for tanks do not match drawings.”—Answer: Not all nozzles have been indicated on drawings but are covered in specifications;

7) “No details or drawing for tank vents?”—Answer: This was not considered necessary—industry standard arrangement;

8) “There is a statement on page 155, Section I on testing of the spec book that holds the contractor responsible for design problems. Please clarify.”—Answer: Not interpreted as described. Contractor will be responsible for installation, not design.

These questions and responses indicate that the Engineer was not providing sufficient information to properly execute the construction phase of the project; it was these types of questions that led to the March

17, 2005 e-mail mentioned in (a.) above. A critical Engineering omission affecting construction was the failure to provide dimensioned drawings.

- c. Critical design omissions/changes after the construction project was underway. To meet the overall project schedule, improve productivity, and meet budgeted labor costs included for the bid, the 3" and 4" piping was pre-fabricated by Thielsch in a weld/fabrication shop in Corpus Christi, TX--while the tanks were simultaneously being fabricated in Pennsylvania. By June 29, 2005—with four (4) full months of the seven (7) month schedule remaining—all of the fuel storage tanks had been placed in position. Consistent with the construction plan developed during the bidding process, the spool pieces and assemblies were transported to the Addison project site when the field welding crew mobilized to the site. Within days of mobilizing at the site, the Contractor was advised by the engineer of a significant change to equipment layout, including the relocation of the filter separator from the west side of the tanks to the east side of the tanks. This equipment layout change meant that almost all of the pre-fabricated pipe spools were fabricated for naught because the pipe routings on both ends of already positioned tanks were significantly altered. A change order was written (CCR-010) to attempt to cover the cost impact of this change, but the costs and schedule impact were underestimated in that change order. The impact of that single significant change was as follows:

WHO WROTE CCR-100
IF CONTRACTOR UNDER
ESTIMATED COST, TOO
BAD.

- 1) The piping spools that had already been completed in the shop, in anticipation of the original equipment layout, had to be redone—the labor and consumables associated with those shop welds were lost; much of the fittings and pipe that had been cut to within inches of the design length required substantial re-cutting, re-prepping, and re-welding—and/or new fittings and pipe had to be ordered and received to replace them, with new welds made;
- 2) The efficiency of shop fabrication was lost—field conditions resulted in less productivity and efficiency of the welders;
- 3) The cost of the welders in the field was significantly greater than the welders in Corpus Christi; and
- 4) The confusion in trying to find spools that could be salvaged or at least partially salvaged severely impacted productivity and efficiency. All the tasks had to be juggled when the change to equipment layout was communicated to the field. As a result, additional Thielsch project management and supervision was required.

- d. Equipment layout was unreasonably and unnecessarily cramped—leading to work productivity issues during construction phase. Based on the scale provided on the drawings (1" = 10', drawing 6 of 33), the design distances versus the actual distances were as summarized below:

| | <u>Design</u> | <u>Actual</u> |
|--|---------------|---------------|
| <i>North/South between the tanks</i> | 52.5" | 53" |
| <i>Inside of West curb and west end of tanks</i> | 112.5" | 46" |
| <i>Inside of East curb and east end of tanks</i> | 82.5" | 87" |

The original (basis of bid) layout had the filter separator on the west side of the tank. Engineer redesigned equipment layout to move the filter separators to the east side of each tank—*after the tanks were already set in place and pipe had been fabricated.* This modified equipment arrangement resulted in a very cramped area for equipment placement, and for the connection of the piping and instrument/electrical. This cramped condition resulted in a significant loss of productivity for the construction activities—since so much of the equipment was installed, and required to be connected, on the east side of the tanks. Moreover, Thielsch was instructed to undertake this modification but not provided dimensioned drawings for execution. This productivity impact also was felt during the construction testing phase of the project, as the filter elements for the filter separator were installed for the flushing sequence and as the operational filter elements were installed for the Commissioning activities. Some members of the FBOs commented during site visits that there was very little room to access, operate, or maintain the valves and equipment. This equipment arrangement problem was a direct result of incomplete engineering at the onset of construction, and lack of Engineering presence during the construction phase.

- e. Personnel Turnover for Engineer/Owner—The major stakeholders in the project were: a) WGI as Engineer; b) Town of Addison as owner; and c) Thielsch. Page 51 of the Project Specifications—Section 01000-Summary—lists the Owner's Representative and Project Engineer as Jim Pierce, P.E., Assistant Public Works Director. When Mr. Pierce left the project on 2-18-05, the Town failed to provide a replacement with comparable experience and project knowledge. In addition to the loss of the Owner's Representative, there was a significant turnover in the

WHAT DOES THE
CONTRACTOR WANT?
ADDITIONAL \$?
TIME?

WHAT DOES HE
WANT?
?
TIME ?

Engineer's staffing. During the course of the project, three (3) different project Engineers were assigned management responsibility for the project by Washington Group—Sam Lundgren, Tom Cobb, and Kevin Davis. In addition to the slow, late or absence of design information, such as the dimensioned drawings, basic—and necessary—project communication issues failed to be addressed in a timely manner: a) weekly meetings—agenda, detailed minutes, and follow-up; b) inspection of ongoing construction activities by the Town, and by the Engineer; c) resolution of change orders; d) scheduled release date for Startup Manual; d) scheduled release date for the Operations Manual; e) scheduled release date for Commissioning Plan; etc.

- f. Engineering support at the site was virtually non-existent throughout the Construction phase. Field engineering questions had to be deferred to the Engineer's office in Denver, CO resulting in loss of efficiency for the Contractor's supervisory staff and for the Contractor's field labor. A notable example of this problem was the relocation of the filter separator. When the Engineer alerted the Contractor that the equipment needed to be moved, no drawings were provided. Engineer requested Thielsch assistance in implementing design change. As a result, the task of establishing the new equipment arrangement fell to the Contractor. This required the construction manager and field superintendent to defer all other ongoing field activities to prepare templates, lay out the equipment, take digital photographs, and communicate with/seek approval from the Engineer remotely—since the Engineer did not visit the site even for this major field change. The consequence of this change was a loss of productivity for the Contractor's field supervision and field labor. To keep the project advancing, the Contractor was required to accept the burden of design engineering and project management. Other examples of imposing the burden of engineering design and project management on the Contractor included:

- 1) Design of pump base supports;
- 2) Resolution of the issue regarding the discharge of the oil-water separator;
- 3) Resolution of Fire Detection System revisions (add four (4) flame detectors);
- 4) Propose design of floating suction connections on the tanks;
- 5) Establish installation details for Cla-Val High-Level cutoffs. It wasn't until the Cla-Val high level control valves were received that the requirement for the significant stainless steel tubing runs, necessary for the valves to function properly,

became clear. It was not only required to connect tubing from the discharge side of the fuel pumps to the Cla-Val on the top of the tanks, it was necessary to drill a hole through each 24" manway cover and install leak-tight bulk head fittings in order to install the float assemblies in the tanks;

- 6) Design, and submit for engineering approval, vent line supports for 2" vent lines from waste tanks;
 - 7) Design, and provide installation details, for MoGas/Diesel tank and dispensing system;
 - 8) Coordinate fence design revisions so the fence would meet TXDOT standards, etc.
- g. Slow resolution of field questions and Requests for Information (RFIs). The most notable examples include:
- 1) landscaping plans;
 - 2) oil/water separator discharge elevation resolution;
 - 3) air conditioner required for satisfactory operation of MCC;
 - 4) vent sizing for storage tanks;
 - 5) installation of additional Siemens fire detectors;
 - 6) auto-dialer for fire alarm;
 - 7) cost and responsibility for GasBoy dispensing system;
 - 8) floating suction details;
 - 9) adequacy of transfer pump suction head;
 - 10) commissioning plan details; etc.
- h. Change order process implemented post-project award. There was no provision for change orders incorporated in the project specification. Subsequent to the notice to proceed and beginning of construction, TOA and engineer implemented a change order process which required:
- 1) individual change orders to be originated by Contractor, requiring significant documentation and detail;

WE NEED THE
 LETTER IMPLEMENTING
 C.O. PROCESS
 CONTRACTOR SHOULD
 HAVE INCLUDED COSTS
 IN EACH C.O.
 REQUEST.

- 2) individual change orders to be submitted, reviewed and approved;
- 3) the dollar sum of the approved change orders to be reviewed and approved by the Town Council; and
- 4) steps 1 through 3 to be completed before releasing payment on even the first change order submitted. The impact of this procedure was additional administrative burdens on the Contactor, along with the requirement for the Contractor to fund all the change orders throughout the course of the project—including the filter separator relocation that was required within days of mobilization of the Contractor’s mechanical crew. The process was arbitrary and inefficient and imposed burden on Thielsch even when the request was initiated by Engineer or TOA.

i. Change order requirements required excessive engineering and clerical support, after work was completed. A 5” binder of change order information was developed by the Contractor and brought to the 2-6-06 change order review meeting. There was no sense of urgency by TOA or WGI to resolve change orders; TEI was presented with a single sheet of paper at the 2-6-06 change order meeting. The Engineer’s backup information—provided when requested at the meeting--was dated 11-29-05, but was never shared with TEI until February 6, 2006. This was indicative of the lack of communications from the Engineer to the Contractor, and the willingness by the Owner/Engineer to allow the Contractor to fund all of the change orders. In several cases, unreasonable requirements were imposed on the Contractor for particular change orders to even be considered. Notable examples of these change order process issues included:

- 1) the oil-water separator issue, where critical schedule days were consumed requesting assistance from the Engineer and describing alternatives engineered by the Contractor—until the Contractor developed a simple solution (thousands of dollars less expensive than the Engineer’s proposed solution) to accommodate the outlet elevation of the OWS;
- 2) the MCC air conditioner, where critical schedule days were consumed explaining why an air conditioner was a necessity, and describing alternatives engineered by the Contractor and their electrical subcontractor—until Siemens (fire protection group) finally made it clear that their equipment would not be warranted unless or until the air conditioning unit was installed. This was a particularly disappointing example because of the following:

- a) the Contractor and subcontractor invested a great deal of time to develop, present—and defend—solutions to the problem;
- b) Siemens equipment was damaged by the lack of an air conditioner;
- c) resumption of Commissioning activities in June was impacted by the lack of an air conditioner—as the heat affected the MCC transformers and fuses; and
- d) the AC was ultimately installed anyway—six months after it was recommended by the Contractor--and TOA paid Siemens directly, thus circumventing the change order process and not compensating Thielsch.

j. During the 2-6-06 change order review meeting with the Engineer, the Engineer's representative stated that the job was a "Design/Build" contract and that any omissions in the engineering package were the responsibility of the Contractor. It was further reported, in the 2-6-06 meeting minutes..... John Bagnall, representative of design engineering subcontractor for WGI, responded to a question that the project was a performance specification, and a performance plan, and that it was *our* (TEI's) responsibility to make the equipment we purchased work. Although this assertion is consistent with collective behavior during the project, this assertion was inappropriate and inconsistent with the project specification--which calls for the Contractor to complete the construction and the Engineer to comply with Engr. Responsibilities called for on pages 55 through 57 of the Specification (Section 01810).

NEED TO LOOK THIS UP. →

k. Consistent with all construction projects, the cost of changes in the Construction phase is orders of magnitude greater than the cost of changes in engineering phase. Actual Thielsch monthly expenses—Engineering, Craft Labor, and Per Diem—are summarized in Attachment A. The major cost and schedule impacts have been described above:

NEED A COPY OF THIS EMAIL →

- 1) TOA/WGI commitments to provide additional design information, as summarized in the March 17, 2005 e-mail described in point (a.) above, were not met;
- 2) Owner/Engineer presence—and decision-making--during the construction phase was suboptimal, because of key personnel turnover and absence, and limited availability of engineering personnel;
- 3) lack of presence of Engineer in the field, imposed design and project engineering burden on contractor;

4) filter separator equipment change resulted in significant loss of field labor efficiency, increased cost, and schedule impact; and

5) lack of detail in drawings resulted in increased materials and labor costs in construction phase.

Lack of engineering detail resulted in the requirement for considerably greater quantities of materials to be purchased in the field, as compared to the bid assumptions. The impact of this lack of detail in the drawings and specifications resulted in much higher than expected material purchases, and much higher than expected labor costs—which are a direct function of the quantity of the materials installed in the field. The Contractor was unable to recognize the total project materials requirements because of the lack of detail in the engineering drawings and specification which required individual equipment components to be set in place and tie-ins to be underway prior to establishing material take-offs.

m. Startup Manual provided to Thielsch late in the construction phase. The Startup Manual was issued 11-15-05—nearly eight months after the Contractor received the Notice to Proceed. The Startup Manual is intended to set expectations regarding mechanical and electrical testing, and outlines the responsibilities regarding construction testing and commissioning. The manual is yet another tool to ensure a smooth project flow—a tool that was delivered very late in the project.

n. Late receipt (3-17-06) of incomplete Operations Manual; this document is intended to provide guidance to the FBOs in the safe operations of the equipment, and set expectations and guidelines regarding Commissioning activities. The manual was not issued to the Contractor until a formal request was made by the Contractor—subsequent to attempting to Commission the fuel farm—in March of '06. The Startup Manual lacks specific details regarding the equipment installed, and none of the drawings included in the manual are dated. The Startup Manual serves as an example of less-than-optimum communications by the Engineer, and insufficient site presence by the Engineer.

o. Late receipt of incomplete and inaccurate Commissioning Plan and Schedule. The first version of the Commissioning Plan and Schedule was issued 4-5-06--after demobilization by the Contractor, and after attempting to commission the equipment in March. The Commissioning Plan and Schedule is intended to ensure a smooth transition from construction, to startup and operations. There were a number of shortcomings with the Commissioning Plan; these are summarized as follows:

CONTRACTOR KNEW THIS WHEN PREPARING BID. A RESPONSIBLE BIDDER WOULD ~~NOT~~ INCLUDE MONEY IN BID TO COVER IT.

WE NEED A COPY OF THE START UP MANUAL

THE OPERATIONS MANUAL IS TYPICALLY INTENDED FOR OWNER'S USE

ED, NOT CONTRACTOR'S

WE NEED A COPY OF THIS & SHOULD BE INCLUDED IN TIMELINE

- On 5-31-06, the document was issued as Revision 02 and titled Commissioning Plan; the 6-5-06 version is issued as Revision 01 and titled Commissioning Schedule.
 - The 6-5-06 version stated that no comments had been received on earlier versions. However, TEI provided comments on these documents and the Fill Summary Matrix. These comments were: a) MoGas/Diesel was not considered; b) Tank 14 was listed as both AvGas and Jet A; and c) MoGas/Diesel should be delivered earlier in the Commissioning schedule. TEI also stated that commissioning could be completed in six days, instead of seven days.
 - The 6-05-06 version showed the first tank being filled as Tank #1. However, that was changed to Tank #2 because Tank #1 had still not been cleared of fuel from the March '06 activities; clearly, the status of Tank #1 was known when the schedule was developed.
 - The 6-05-06 version called for possibly removing the 24" manway for access to the floating suction; TEI was able to identify an easier access which required only the removal of a four inch flange.
 - Throughout the 6-5-06 version, there was never a mention of priming the pumps--an activity that physically taxed the Contractor personnel.
 - During the meeting of 5-17-06, TEI repeatedly requested a contingency plan related to problems anticipated with the dispensing of fuel. B&M personnel were present until about 2:00 PM on 6-8-06 and not present again until 6-13-06. Perhaps a more timely response to the problems that were actually experienced could have been provided if the B&M representative would have been available for more than one day, and/or if another B&M representative had not been required to travel to the site four days after the problem was first observed.
 - The Engineer requested a minimum of four (4) craft labor to support commissioning. The tasks were completed ahead of schedule with one (1) craft person.
- p. Minimal cooperation from WGI to coordinate vendor support in a timely manner. The key elements for Commissioning, as indicated in the 5-17-06 meeting minutes, are: 1) fuel; and 2) key vendor support (Cla-Val). When the Contractor was attempting to commission the equipment in March—

Confidential

DID TOA PAY FOR CLA-VAL REP. TO ATTEND?

having secured the services of the Cla-Val representative—WGI/TOA was unwilling to provide adequate fuel to support the commissioning activities. The services of the Cla-Val representative were lost, and the Contractor was forced to return to the site in June—at considerable additional expense. The Owner and Engineer did not accept, or adequately discharge, their responsibilities for leading the Commissioning activities, as called for in Section 01810 of the Specification. The June 16, 2006 letter from WGI (Kevin Davis) to TOA (Mark Acevedo)—Status of Commissioning Addison Airport Fuel Farm—indicated that “The most significant deficiency listed above is item No. 1”, and item No. 1 reads....”The pumps did not pump fuel with just the push of the “start” button the majority of the time. After one pumping cycle, the loss of prime was experienced requiring the addition of 15 to 30 gallons of fuel to the 4-inch suction line at the top of the tank”. This problem, documented on June 16, was first experienced the week of March 13; a period of fourteen (14) weeks, or 98 days, had lapsed in a project that had originally been forecast to take thirty (30) weeks. These Commissioning delays are indicative of the lack of a sense of urgency on the part of TOA/WGI.

WHAT OBLIGATED CONTRACTOR TO BE THERE (SPECS)?

- q. Ribbon Cutting Ceremony of 12-2-05 resulted in mobilization and demobilization costs, loss of productivity, additional site cleanup costs, and ongoing cost of site presence (utilities, equipment rentals, etc.). The summary of monthly expenses for Contractor site presence is provided in Attachment B. Although the Contractor absorbed the cost and productivity impact of the work interruption, the only offset offered was extra days on the schedule; no provision was made for mobilization/demobilization or loss of field labor efficiency caused by the construction interruption.
- r. TEI completed pressure testing of piping systems and storage tanks, and flushing of piping systems in early March. The preliminary punch list was not provided until March 25. The timing for the preliminary punch list is indicative of two TOA/WGI practices which greatly impacted the Contractor:

THIS ADDITIONAL TIME SHOULD BE REFLECTED IN CONTRACT TIME WHICH TRANSLATES INTO BONUS.

1) Minimal site presence through the course of the Construction phase; a reasonable expectation would have been to have some inspection and feedback on installed equipment, so that issues could be more clearly understood—and resolved—in a timely manner;

2) Failure to recognize that extending the Contractor’s site presence results in a significant cost penalty for the Contractor—consisting of field labor, field supervision, and the daily costs of maintaining a site presence (trailer rental, utilities, phones, internet, restrooms, etc.).

Impact of Most Significant Project Issues on Contractor

- s. Construction activities, with the exception of punchlist items, were completed on Friday March 10; Contractor demobilization occurred on Friday March 17.
- t. Construction activities should have been completed at the end of October 2005—but the factors described as items a through r above extended the schedule a total of 5 months.
- u. Contractor was forced to provide additional engineering personnel to initiate, clarify, or complete engineering in the field.
- v. Contractor was forced to provide additional engineering and administrative time—and accounting and purchasing support—to provide expansive documentation for change order requests.
- w. Contractor funds were unduly held by Owner; Attachment C indicates the cost of the payment delays.
- x. Failure by Engineer to issue the Startup Manual in a timely manner resulted in a lack of coordination/loss of productivity for key subcontractors (Rabalais Electric) and Contractor personnel.
- y. Failure by Engineer to issue the Operations Manual in a timely manner resulted in a lack of definition for Owner and Engineer expectations at Commissioning and Startup.
- z. Lack of coordination of Commissioning activities required additional time and travel expenses by Vendor Support and Contractor personnel.

Allocation of Cost Increases

- | | |
|--|-----------|
| aa. Engineering, Craft Labor, and Per Diem for November '05 through March '06 as indicated in Attachment A: | \$914,963 |
| bb. Additional travel costs to support project extension From November '05 through March '06, From attachment A: | \$ 46,258 |

| | |
|--|-------------|
| cc. Costs for site presence by Contractor for November 2005 to March 2006, as indicated In Attachment B: | \$ 39,000 |
| dd. Impact of Owner's failure to pay invoices in a timely a timely manner, as indicated in Attachment C: | \$ 98,200 |
| ee. Two months of ongoing engineering support costs, by Contractor, to: assist and ensure the completion of the Commissioning plan by the Engineer. This figure is derived from Attachment A—Engineering, Field Labor, Per Diem, and Travel for the months of April and May 2006. The calculation implies that 90% of the ongoing support costs should have been avoided by Thielsch ($0.9 \times \$57,991 = \$52,192$). | \$ 52,192 |
| ff. Additional home office support costs caused by project extension, as indicated in Attachment D —\$11,125 (\$2225/month). | \$ 11,125 |
| gg. Additional materials that could not be identified from the bid package—\$300,000. There were fifteen (15) major product storage tanks—the inability to account for only \$20m worth of materials for each of these 15 storage tanks yields the \$300m total. It's worth noting that overfill valves are \$900 each; butterfly valves are \$340 to \$850 each; a set of filter elements is about \$650/tank; camlock adapters are \$110 to \$350 each; 1" check valves are \$180 each, etc. | \$300,000 |
| Total Costs—Items aa through gg above— | \$1,461,738 |

WERE THESE
NOT COVERED IN
PREVIOUS C.O.'S?

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of \$ 1,461,738, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
3. Impact to schedule is 219 days—the period between what should have been the end of the construction activities (10-31-05), and the resumption of Commissioning activities (6-08-06).
4. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

Thielsch Engineering, Inc.

Date _____

Town of Addison

Date _____

- cc: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

**Addison Fuel Farm—Index A
Drawing List Revisions**

| <u>Title</u> | <u>Drawing No.</u> | <u>Rev.0</u> 10-25-04 | <u>Rev.1</u> | <u>Rev.2</u> | <u>Rev.3</u> |
|---|--------------------|--------------------------|--------------|--------------|--------------|
| Cover Sheet | Sheet 1 of 33 | | | | |
| Index | Sheet 2 of 33 | 10-25-04 | | | |
| Construction Layout Plan Demo Layout | Sheet 3 of 33 | 10-25-04 | | | |
| Geometric Site Layout | Sheet 4 of 33 | 10-25-04 | | | |
| Traffic Control Plan | Sheet 5 of 33 | 10-25-04 | | | |
| Containment Structure Layout | Sheet 6 of 33 | 10-25-04 | | | |
| Expansion Joint Layout | Sheet 7 of 33 | 10-25-04 | | | |
| Plan and Profile Station 100 to 103 | Sheet 8 or 33 | 10-25-04 | | | |
| Plan and Profile Station 103 to 107 | Sheet 9 of 33 | 10-25-04 | | | |
| Plan and Profile Station 200 to 210 | Sheet 10 of 33 | 10-25-04 | | | |
| Cross Sections and Details Section View | Sheet 11 of 33 | 10-25-04 | | | |
| | Sheet 12 of 33 | 10-25-04 | | | |

**Addison Fuel Farm—Index A
Drawing List Revisions**

| <u>Title</u> | <u>Drawing No.</u> | <u>Rev.0</u> | <u>Rev.1</u> | <u>Rev.2</u> | <u>Rev.3</u> |
|--|--------------------|--------------|--------------|--------------|--------------|
| Concrete Details | | | | | |
| Foundation Details | Sheet 13 of 33 | 10-25-04 | | | |
| Cross Sections | Sheet 14 of 33 | 10-25-04 | | | |
| Section "Y-Y" and Containment Structure | Sheet 15 of 33 | 10-25-04 | | | |
| General Legend and Abbreviations | Sheet 16 of 33 | 10-25-04 | 3-23-05 | | |
| One Line Diagram and MCC Elevation | Sheet 17 of 33 | 10-25-04 | 3-23-05 | | |
| Hazardous Area and Lighting | Sheet 18 of 33 | 10-25-04 | 3-23-05 | | |
| Electrical Site Plan Tank Area | Sheet 19 of 33 | 10-25-04 | 3-23-05 | 8-15-05 | |
| Enlarged Area Plan | Sheet 20 of 33 | 10-25-04 | 3-23-05 | 4-13-05 | 8-15-05 |
| Control Circuit Schedule | Sheet 21 of 33 | 10-25-04 | 3-23-05 | | |
| Ductbank Sections | Sheet 22 of 33 | 10-25-04 | 3-23-05 | | |
| Electrical Details—1 | Sheet 23 of 33 | 10-25-04 | 3-23-05 | | |

**Addison Fuel Farm—Index A
Drawing List Revisions**

| <u>Title</u> | <u>Drawing No.</u> | <u>Rev.0</u> | <u>Rev.1</u> | <u>Rev.2</u> | <u>Rev.3</u> |
|--|--------------------|--------------|--------------|--------------|--------------|
| Electrical Details—2 | Sheet 24 of 33 | 10-25-04 | 3-23-05 | | |
| Wiring Diagrams—1 | Sheet 25 of 33 | 10-25-04 | | | |
| Wiring Diagrams—2 | Sheet 26 of 33 | 10-25-04 | 3-23-05 | | |
| P&ID Fuel Tanks and Equipment | Sheet 27 of 33 | 10-25-04 | 3-23-05 | 8-15-05 | |
| Tank Layout Plans | Sheet 28 of 33 | 10-25-04 | 3-23-05 | 8-15-05 | |
| Fuel System Details | Sheet 29 of 33 | 10-25-04 | | | |
| Fence Details | Sheet 30 of 33 | 10-25-04 | | | |
| Landscape Layout | Sheet 31 of 33 | 10-25-04 | | | |
| Landscape Details | Sheet 32 of 33 | 10-25-04 | | | |
| Section "Y-Y" and Containment Structure Alternate Bid (Canopy) | Sheet 33 of 33 | 10-25-04 | | | |

Attachment A--CCR-0029
THIELSCH ENGINEERING, INC.
Town of Addison - Labor and Expense Analysis

| | Total | Engineering | Field | Per Diem | Travel |
|--------|------------------|----------------|----------------|----------------|---------------|
| Mar-05 | 11,619 | 10,150 | 1,412 | 0 | 57 |
| Apr-05 | 26,388 | 24,900 | 814 | 0 | 674 |
| May-05 | 37,906 | 35,500 | 1,454 | 952 | 0 |
| Jun-05 | 56,286 | 25,750 | 26,862 | 1,666 | 2,008 |
| Jul-05 | 66,066 | 25,670 | 38,813 | 204 | 1,379 |
| Aug-05 | 211,389 | 43,014 | 133,508 | 34,843 | 25 |
| Sep-05 | 170,921 | 40,078 | 96,478 | 27,562 | 6,804 |
| Oct-05 | 270,743 | 97,809 | 133,423 | 28,012 | 11,499 |
| Nov-05 | 273,435 | 73,639 | 144,446 | 40,977 | 14,373 |
| Dec-05 | 188,511 | 73,091 | 87,054 | 19,730 | 8,635 |
| Jan-06 | 181,492 | 76,699 | 84,068 | 16,425 | 4,300 |
| Feb-06 | 171,871 | 103,715 | 47,012 | 14,235 | 6,909 |
| Mar-06 | 145,912 | 87,475 | 34,729 | 11,667 | 12,041 |
| Apr-06 | 28,538 | 27,988 | 55 | 0 | 496 |
| May-06 | 29,453 | 27,588 | 90 | 272 | 1,504 |
| Jun-06 | 46,130 | 39,288 | 3,516 | 1,020 | 2,306 |
| | 1,916,661 | 812,353 | 833,733 | 197,565 | 73,010 |

Attachment B—Addison Change Order #0029

Monthly Expenses associated with Addison TX Site Presence

November 2005 – March 2006

| | | |
|-----|--|-----------------------|
| 1. | 42' Forklift--Nations Rent | \$2990/month |
| 2. | Waste Management—Trash removal | \$350/month |
| 3. | Diesel Fuel--JAM Distributers | \$886/month |
| 4. | Portable Restrooms—Lonestar | \$220/month |
| 5. | Internet Connection--T-Broad Band Communications | \$161/month |
| 6. | Office/Construction Trailer--Satellite Trailers | \$316/month |
| 7. | Utility Company (electricity) | \$277/month |
| 8. | Welding Machines--Red-I-Arc--there was some fluctuation month to month | \$2205/month |
| 9. | Rental/Temporary Fence | \$155/month |
| 10. | Tool Trailers, pipe stands | \$150/month |
| 11. | Consumables—copier paper, tissue paper, water, ice, printer cartridges, etc. | \$90/month |
| | Subtotal | \$7800/month |
| | Total, months of November 2005 through March 2006 | <u>\$39000</u> |

**Attachment C
Addison CCR - 029**

| Invoice # | Date | Inv Amount | Paid | Paid Date | Inv Balance | Interest | |
|-----------|------------|------------|-------------|------------|-------------|------------|------------|
| | | | | | | 1.5%/month | Prime Rate |
| 57225 | 5/31/2005 | 505,050 | (505,050) | 6/13/2005 | 0 | - | - |
| 57506 | 6/23/2005 | 1,476,350 | (1,476,350) | 7/15/2005 | 0 | - | - |
| 57866 | 7/21/2005 | 349,650 | (349,650) | 9/6/2005 | 0 | - | - |
| 58208 | 8/24/2005 | 505,000 | (505,000) | 9/6/2005 | 0 | - | - |
| 58556 | 9/24/2005 | 271,950 | (271,950) | 10/19/2005 | 0 | - | - |
| 59359 | 11/16/2005 | 505,050 | (349,650) | 2/6/2006 | 155,400 | 36,286 | 15,623 |
| 59482 | 11/22/2005 | 422,045 | | | 422,045 | 44,104 | 18,989 |
| 60629 | 2/9/2006 | 134,690 | | | 134,690 | 8,755 | 3,769 |
| 61546 | 4/6/2006 | 271,950 | | | 271,950 | 10,062 | 4,332 |
| | | 4,441,735 | (3,457,650) | | 984,085 | 99,207 | 42,714 |

Attachment D—Addison CCR-029

**Monthly Expenses associated with off-site support personnel
(Cranston RI, and Austin, TX)**

| | | |
|----|---|--------------------------|
| 1. | Accounting personnel—Marie Nicholas, Steve Gomez, Mike Tetreault, and Kathy Ferrell—average of twenty (20) hours per month total @ \$50/hour-- \$1000.00/month | <u>\$/Month</u> 1,000 |
| 2. | Administrative personnel—Cherie Deschane, Melissa Romano, Kathy Floyd, and Pauline Rapose (Cranston RI), and Kathy Longworth (Austin)—average of fifteen hours per month total @ \$35/hour-- \$525/month | 525 |
| 3. | Purchasing personnel—Lisa Dowell, and Catalina Girado—average of twenty (20) hours per month total @ \$35/hour-- \$700/month | <u>700</u> |
| | Subtotals | 2225 |
| | Total per 5 months period November, 2005 – March, 2006 | 11,125 |

Note: Engineering and Design/Drafting manhours are included in Attachment A



NEWPORT BEACH, CALIFORNIA

CATALOG NO. 89AF

DRAWING NO. 205101

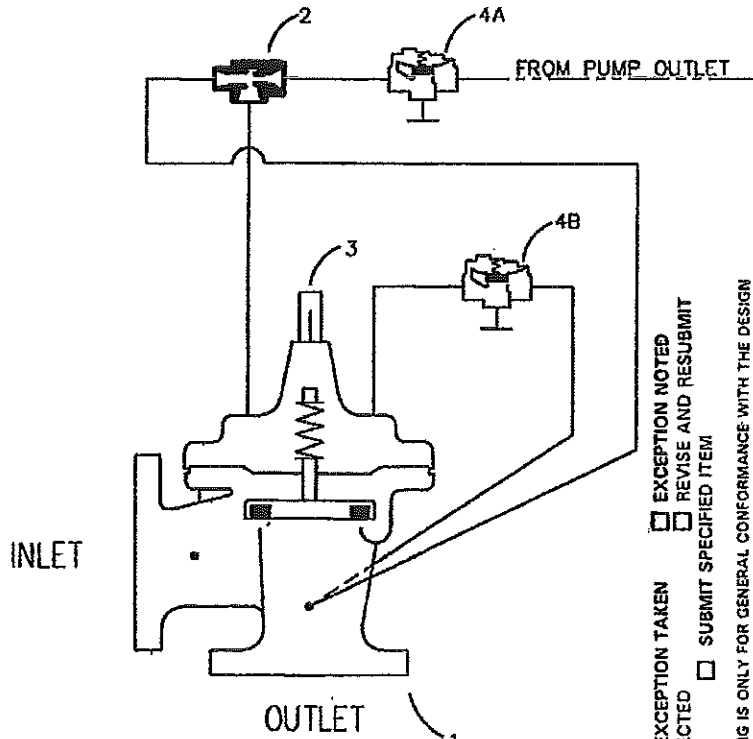
REV -

TYPE OF VALVE AND MAIN FEATURES

ANTI-SIPHON PUMP CONTROL VALVE

| | | |
|---------|----|----------|
| DESIGN | | |
| DRAWN | AK | 07-13-05 |
| CHECK'D | | |
| APVD | | |

----- NOT FURNISHED BY CLA-VAL CO. ----- OPTIONAL FEATURES



- NO EXCEPTION TAKEN
- REJECTED
- EXCEPTION NOTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE; FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

Washington Group International

Date: 7/15/05 By: [Signature]

CAD REVISION RECORD - DO NOT REVISE MANUALLY
 DESCRIPTION
 RELEASED FOR PRODUCTION (NEED 49877)

| BY | DATE |
|----|----------|
| AK | 07-13-05 |

| ITEM NO. | BASIC COMPONENTS | QTY |
|----------|-------------------------------|-----|
| 1 | 2100-34 HYTROL (REVERSE FLOW) | 1 |
| 2 | X47A EJECTOR | 1 |
| 3 | X101 VALVE POSITION INDICATOR | 1 |
| 4 | 81-01 CHECK VALVE | 2 |

| OPTIONAL FEATURE SUFFIX | ADDED TO CATALOG NUMBER |
|-------------------------|-------------------------|
| | |
| | |
| | |

THIS DRAWING IS THE PROPERTY OF CLA-VAL CO. AND SAME AND COPIES MADE THEREOF, IF ANY, SHALL BE RETURNED TO IT UPON DEMAND. DELIVERY AND DISCLOSURE HEREOF ARE SOLELY UPON CONDITION THAT THE SAME SHALL NOT BE USED, COPIED OR REPRODUCED, NOR SHALL THE SUBJECT HEREOF BE DISCLOSED IN ANY MANNER TO ANYONE FOR ANY PURPOSE, EXCEPT AS HEREON AUTHORIZED, WITHOUT PRIOR WRITTEN APPROVAL OF CLA-VAL CO. THIS DRAWING IS SUBMITTED CONFIDENTIALLY AND MAY NOT BE USED IN THE MANUFACTURE OF ANY MATERIAL OR PRODUCT OTHER THAN SUCH MATERIALS AND PRODUCTS FURNISHED TO CLA-VAL CO. WHETHER OR NOT THE EQUIPMENT OR INFORMATION SHOWN HEREON IS PATENTED OR OTHERWISE PROTECTED, FULL TITLE AND COPYRIGHTS, IF ANY, IN AND TO THIS DRAWING AND/OR INFORMATION DELIVERED OR SUBMITTED ARE FULLY RESERVED CLA-VAL CO.

THIELSCH ENGINEERING, INC.

195 Frances Avenue
Cranston, RI 02910-2211
(401) 467-6454 - phone
(401) 467-2398 - fax

July 14, 2006

Mr. Mark Acevedo
Director of General Services
Town of Addison
General Services Department
Post Office Box 9010
Addison, TX 75001-9010

SUBJECT: Addison Airport
Bulk Fuel Storage and Dispensing System
Check Valve Deficiency

Dear Mr. Acevedo:

I have received a letter dated July 12, 2006 from Kevin Davis, Washington Group International Project Manager, regarding the above-referenced subject. Surprisingly, in the text of the letter he requested that a Thielsch Engineering response be directed to you. Accordingly, please consider the following:

- (1) The final phase of the commissioning plan scheduled by WGI was completed on June 13, 2006.
- (2) Mr. Davis' letter of July 12, 2006 was the first notice of any sort that WGI or TOA considered there to be a problem with the quality of the Cla-Val product in manufacturing or in its operation.
- (3) As of this date, there has been no other correspondence with regard to the final stages of commissioning of the bulk fuel storage and dispensing system other than a paragraph in Mr. Davis' letter to you dated June 16, 2006, that WGI, TOA and B & M were going to be meeting to discuss activities and results of the June 8 to 13 efforts and B & M's proposed solutions to "deficiencies". In general terms, this limited correspondence is consistent with communications during the project, but still disappointing.
- (4) Thielsch Engineering believes that Mr. Davis is incorrect regarding his conclusions related to the Cla-Val product. However, Mr. Davis has provided us no information or data to evaluate or help us understand his rationale for concluding the check valve function of the Cla-Val valve is not working.

Contrary to Mr. Davis, TEI believes that the Cla-Val valves, including the check valve function, are working as designed and installed.

Mr. Mark Acevedo

- (5) Mr. Davis recommended that TEI speak with Cla-Val regarding a correction of this deficiency. We have had several conversations with Cla-Val since receipt of Mr. Davis' letter. Neither TEI nor Cla-Val believes that there is a deficiency to the anti-siphon or check valve features of the Cla-Val valves and, therefore, have proposed no solution to the deficiency referenced by WGI.

However, TEI would emphasize for your benefit as owner and respond to Mr. Davis' 7/12 letter that whatever "review of the situation" referenced in Mr. Davis' letter second paragraph did not include TEI nor has any data been provided for TEI review. We simply have no understanding of the basis for Mr. Davis' conclusion. A discussion, including TEI personnel, of the basis -- written or verbal -- would have been, and would still be, constructive to advancing to successful operations.

- (6) Mr. Davis' letter implies that the need to re-prime the pumps is a product problem --Cla-Val pump control valve--, not a system problem. His letter of June 16, 2006, page 2, implies that solving the problem for priming the pumps will/may solve the problem of excessive vibration. TEI is very much inclined to believe differently, as we believe that the need to re-prime the pump (and reduce the vibration in the piping) is a system issue and not a product or construction issue.
- (7) We would strongly urge a review of the commissioning efforts of June 8 to 13 which includes TEI and that such review take place promptly.

Thank you for your consideration.

Very truly yours,

THIELSCH ENGINEERING, INC.



Cary Franklin

/pfr
cc: T. Lent, TEI
K. Davis, WGI



ATTENDANCE SHEET

July 6, 2006

Addison Airport Fuel Farm
Commissioning Completion Meeting

| Name | Representing | Phone # |
|-----------------|----------------------------|---------------|
| KEVIN DAVIS | WGI | 303-843-2851 |
| JOHN BAGNALL | BMCD | 816-822-3524 |
| Luis Elquezabal | Addison Airport | 972-392-4861 |
| John Birkhoff | Birkhoff Herdicks & Conway | 214-361-7900 |
| AARON RUSSELL | ADDISON PW | |
| LISA Pyles | ADS | 972 392 4855 |
| Nancy Cline | Addison PW | 972 450-2871 |
| JASON MATHIS | Addison City Atty. | 214-672-2000 |
| TED RICO | WGI | 303 843-3480 |
| LARRY DAY | WGI | 303 807 7210 |
| Chris Terry | TDA | 972/3450-2010 |
| | | |
| | | |
| | | |



**ADDISON AIRPORT
ADDISON, TEXAS**

PROJECT NO.: WGI-ADS-27514

DATE: July 6, 2006

PROJECT DESCRIPTION: Bulk Fuel Storage and Dispensing System

I. ATTENDEES PLEASE SIGN THE ATTENDANCE LIST

TOA ADS WGI OTHER

II. SAFETY TOPIC – Inspection of tank interior.

III. HISTORY OF CHECK FEATURE

- A. Issued for Bid Plan Set dated 10/25/04 calls for foot (check) valve at base of floating suction.
- B. BASCO raised the following question for the engineer after project advertised and before it was bid: "I have not found a manufacturer that can supply a floating suction with a foot valve on the bottom. Do you have a part #?"
- C. Design Engineer discusses possibility of Combination Anti-Siphon/Check Valve with Cla-Val certified representative.
- D. BASCO's question was answered "If foot valve cannot be obtained with floating suction arm, provide check valve in suction piping internal to tank. Also, provide anti-siphon valve on tank nozzle, a Cla-Val or approved equal. If the anti-siphon valve can also act as a check valve, than a check valve in suction piping is not required."
- E. Addendum #2 issued November 12, 2004 that included text listed in C and D above.
- F. The following specification section was included in the Value Engineering set of documents:
Paragraph 2.08.D, Add the following paragraph:
 - "4. Anti-Siphon valve – Angle-type construction, hydraulically operated. Shall be located on Jet A and AvGas tank suction nozzles to prevent inadvertent siphoning of fuel out of tank. If provided with check feature, check valve at base of floating suction can be eliminated."
- G. Anti-Siphon valve is required by NFPA.

III. COMMISSIONING OBSERVATIONS OF ANTI-SIPHON AND CHECK FEATURES

- A. Tank #2 filling (off-loading) went relatively smooth
- B. First attempt at dispensing fuel from a tank made on tank #2.
 - 1. It was observed that difficulty was occurring with regard to maintaining prime in the pump.



Commissioning Completion Meeting AGENDA

- 2. John Bagnall asked Cla-Val representative, John Kozora, if he thought the Anti-Siphon valve was checking. John Kozora's response was "It should be."
- 3. Commissioning continued with off-loading and loading all the Jet A tanks and all but one of the AvGas tanks. In virtually each case, dispensing did not commence until the suction line was physically primed with approximately 15+ gallons of fuel.
- 4. Jane McKaig arrived during last day of commissioning to observe pumping operations.
- 5. Ms. McKaig discussed her observations with John Bagnall, John Kozora and John Kozora's manager Mr. Uffer.
 - i. Mr. Uffer of Cla-Val made the comment that the check feature within the anti-siphon valve will not work in the designed configuration. This was not brought to the engineer's attention earlier in the project during any of the Cla-Val representative's site visits.
 - ii. Other _____

V. POST COMMISSIONING MEETING AT AIRPORT OFFICE (June 13, 2006)

- A. Jane McKaig of Burns & McDonnell, Larry Day, Kevin Davis and Ted Rigo (by phone) of WGI, Lisa Pyles and Luis Elguezabal of ADS, Mark Acevedo and Nancy Cline of the Town and John Birkhoff met in Ms. Pyles office.
- B. Jane McKaig Burns & McDonnell to research alternatives to resolve pump priming issue and present recommendation to WGI by June 26th for transmitting to Town.
- C. Burns & McDonnell recommendation and engineer's estimate for installation of check (foot) valve at base of suction pipe for all AvGas and Jet A tanks presented to Town on June 28th. Engineer's estimate for this work is approximately \$150,000.
- D. Research of comparison of "Issued for Bid" plans and "Issued for Construction" plans showed that provisions were included in plans for the check feature. Within Addendum #2 Q&A section it was recommended that a check valve be provided in suction piping internal to tank, or provide a check feature in combination with the Anti-Siphon valve provided that it works ("can also act as a check valve").
- E. Other comments _____

VI. COST ESTIMATE



- VII. MATERIALS REQUIRED – John Bagnall to discuss.
- VIII. TIME ESTIMATE – Approximately 21 days. Suggest installing foot valve in empty tank and run performance check to verify system operates properly.
- IX. RESPONSIBILITY & RECOMMENDATIONS DISCUSSION

- X. OPTIONS
 - 1. Thielsch perform installation of foot valve as depicted as an option in plans.
 - 2. Town self perform.
 - 3. Notification presented to Thielsch's bond company.

John Birkhoff - Re: Rev 01 Draft Letter to Thielsch (Deficient Check Valve)

From: John Birkhoff
To: Kevin, Davis,
Date: 07/10/2006 10:44 AM
Subject: Re: Rev 01 Draft Letter to Thielsch (Deficient Check Valve)

I recommend the following for the 2nd paragraph "You are hereby directed to work with your valve supplier to adjust, repair or replace the valve and render it fully operational. All work necessary to correct this deficiency in the operation of the fuel farm must be completed by July 28, 2006. Failure to complete the work within this time frame will cause the Town of Addison to determine if the contract has been abandoned by you. Please notify us of your schedule to complete the work."

>>> "Davis, Kevin" <Kevin.Davis@wgint.com> 07/10/2006 9:07:03 AM >>>
Attached is revision to draft letter sent out Friday with corrections noted by John Birkhoff and Nancy Cline. Please continue your review and provide any comments back to me.

My suggestion is that letter should go out Wednesday morning, July 12th at the latest. Please advise.

Kevin D. Davis, P.E.
Civil Engineer
Washington Group International, Inc. - Airport Services
7800 E. Union Ave., Ste. 100
Denver, CO 80237
Ph: 303.843.2851
Mobile: 303.898.2528
<<2396.ltr.WGI-ADS to TEI (Check Valve Def) Rev01.doc>>

Addison!

July 10, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Cary Franklin

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
Check Valve (Feature) Deficiency

Dear Mr. Franklin:

D. The commissioning/performance testing performed June 8th through the 13th revealed a major deficiency in the Anti-Siphon Pump Control Valves installed on each AvGas and Jet-A tank. The anti-siphon/check valves provided by you are not performing their check function as required by Addendum No. 2.

Please provide a corrective action plan to adjust, repair or replace valve components necessary to resolve the check feature deficiency noted above to the Town of Addison by July 21, 2006. Your response is to include an implementation plan and schedule of construction.

If you have any questions regarding this matter please call either of the signatories below.

Very Truly Yours,

Washington Group International

Town of Addison
General Services Department

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal
Ted Rigo

Draft Letter

We have completed our review of the hydraulics of the pumping and valving of the fuel tanks at the Addison Airport. During the commissioning of the fuel farm, it was observed that the fueling system would not hold suction to allow the pumps to operate properly on the airside of the tanks. Excessive manual priming was required and often time suction was lost during the testing of each unit. It appears that the combination control/anti-siphon valve you furnished and installed is not functioning properly and needs to be adjusted or replaced. The contract allowed the contractor to use a float valve or to use combination control/anti-siphon valve to hold suction. The alternative to utilize combination control/anti-siphon valve was based on the contractor selecting a combination valve that would hold suction on the fill line between the bottom of the tank and the pump.

You are directed to immediately make the necessary adjustments or replacement of the valve with a valve that can meet the performance requirements of the contract. The pumping system on the airside of the fuel farm must be able to run automatically without manual priming of the pump. We recommend that you work with your valve supplier to make this airside fueling functional.

All work necessary to make the airside pumping system functional must be completed within 14 working days from the date of this letter. In the event the work is not completed the Town of Addison will determine if the contract has been abandoned.

If you have any questions, please contact me.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #1 – Add Relaxation Chambers

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 1, dated September 15, 2005 as proposed at \$131,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls for labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$118,598.00.


We propose to settle this matter at a cost of \$118,598.00 and 0 time as fair and equitable payment for the services provided under CCR No. 1. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison


Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 1

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3-30

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

ESTIMATE DETAIL
 MECHANICAL

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | | SUBCONTRACT | | | EQUIPMENT RENT | | | UNIT COST | TOTAL COST | | | |
|--|------|------|-------|----|------------|----------|----------|----------|-------------|----------|----------|----------------|----------|----------|-----------|------------|----------|-------|---------|
| | | | U | MH | RATE \$/HR | UNT COST | TTL COST | UNT COST | TTL COST | UNT COST | TTL COST | UNT COST | TTL COST | UNT COST | | | TTL COST | | |
| CONSTRUCTION CHANGE ORDER - 001 REV A | | | | | | | | | | | | | | | | | | | |
| RELAXATION CHAMBER | 10 | EA | 1.9 | 19 | 48.35 | 919 | 7576.41 | 7576.41 | | | | | | 7668.28 | 76,683 | | | | |
| 4" WELD NECK FLANGE | 20 | EA | 1.9 | 38 | 48.35 | 1,837 | 40.59 | 812 | | | | 27.63 | 553 | 160.10 | 3,202 | | | | |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | 16.24 | 325 | | | | | | 98.44 | 1,969 | | | | |
| 4" ISOLATION FIRE SAFE BUTTERFLY VALVE | 10 | EA | 2.5 | 25 | 48.35 | 1,209 | 1088.81 | 10,688 | | | | | | 1189.70 | 11,897 | | | | |
| 4" WELD NECK FLANGE | 20 | EA | 1.8 | 36 | 48.35 | 1,837 | 40.59 | 812 | | | | 27.63 | 553 | 160.10 | 3,202 | | | | |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | 16.24 | 325 | | | | | | 98.44 | 1,969 | | | | |
| SMALL BORE PIPING | | | | | | | | | | | | | | | | | | | |
| 1" PIPING | 150 | LF | 0.13 | 20 | 48.35 | 943 | 2.57 | 396 | | | | 1.01 | 152 | 9.87 | 1,481 | | | | |
| 90 DEG. ELBOW | 20 | EA | 1.8 | 36 | 48.35 | 1,741 | 18.94 | 379 | | | | 26.18 | 524 | 132.16 | 2,643 | | | | |
| TEE | 20 | EA | 2.7 | 54 | 48.35 | 2,611 | 27.06 | 541 | | | | 39.27 | 785 | 196.89 | 3,938 | | | | |
| SIGHT GLASS | 10 | EA | 1.8 | 18 | 48.35 | 870 | 507.35 | 5,073 | | | | 26.18 | 262 | 620.57 | 6,206 | | | | |
| 4" PIPE SUPPORT | 10 | EA | 5 | 50 | 48.35 | 2,418 | 237.51 | 2,375 | | | | | | 479.28 | 4,793 | | | | |
| X-RAY WELDS | 6 | EA | | | | | 102.82 | 617 | | | | | | 102.82 | 617 | | | | |
| TOTALS | | | | | | | | | | | | | | | 366 | 17,674 | 98,086 | 2,828 | 118,598 |

TEI CCR No. 1

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3-30 ESTIMATOR: JIM GIBSON

SUMMARY
 MECHANICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|------------|---------------|-------------|---------------------|------------|
| | MH | LABOR COST | | | | |
| MARKUP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR. | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18000 | NA | 1.18000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.21176 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33284 | NA | 1.33284 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON-SIC WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | 1.00000 | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #2 – Fence Modification

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 2, dated September 28, 2005 as proposed at \$27,000.00 and 0 additional time. We have also reviewed your spreadsheet estimate labeled as Rev. A. and dated August 15, 2005 that totals \$19,457.36. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided. There also appears to be a discrepancy in the length of fencing. The Contractor is claiming 770 LF where there is actually only 519 LF.

We have consulted with fence suppliers and have completed our own estimate of the value of this work. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$326.60.

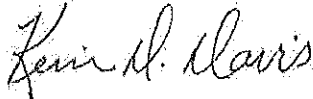
We propose to settle this matter at a cost of \$326.60 and 0 time as fair and equitable payment for the services provided under CCR No. 2. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies for which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (1 page)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 2



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Airport Services

ESTIMATE OF PROBABLE CONSTRUCTION COST
ADDISON, TEXAS AIRPORT
ADDISON, TEXAS
CHANGE ORDER NO. 2

Date: December 22, 2005

Bulk Fuel Storage and Dispensing System: Chain Link Fence Change Order

| ITEM NO. | DESCRIPTION | ESTIMATED QUANTITY | UNITS | UNIT COST | ESTIMATED COST |
|--|--|--------------------|-------|-----------|-----------------|
| F-162a | Install 10-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 10-Foot Centers, No Top or Mid rail | 519 | L.F. | -\$48.65 | (\$25,249.35) |
| F-162b | Install Vinyl Coated Top Rail to 6-Foot Chain Link Fence | 409 | L.F. | \$2.00 | \$818.00 |
| F-162c | Install Galvanized Top Rail to 6-Foot Chain Link Fence | 59 | L.F. | \$1.50 | \$88.50 |
| F-162d | Install 4 Additional Line Post to 6-Foot Chain Link Fence | 4 | BA. | \$39.00 | \$156.00 |
| F-162e | Install 8-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 7-Foot Centers | 519 | L.F. | \$42.65 | \$22,135.35 |
| F-162f | Install Vinyl Coated Top Rail to 8-Foot Chain Link Fence | 519 | L.F. | \$2.00 | \$1,038.00 |
| F-162g | Install Vinyl Coated Mid Rail to 8 Foot Chain Link Fence | 519 | L.F. | \$2.50 | \$1,297.50 |
| SUB-TOTAL | | | | | \$284.00 |
| 15% Contractor Mark-Up | | | | | \$42.60 |
| TOTAL ESTIMATED COST-CHANGE ORDER NO. 2 | | | | | \$326.60 |



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #3 – Conduit for Pre-set Valves

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 3, Rev. A., dated November 11, 2005 as proposed at \$46,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$16,749.00.

We propose to settle this matter at a cost of \$16,749.00 and 0 time as fair and equitable payment for the services provided under CCR No. 3. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 3

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM NORRIS

ESTIMATE DETAIL
 ELECTRICAL

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|---|------|------|-------|-----|------------|----------|-----------|-------------|-----------|----------------|-----------|-----------|------------|
| | | | U MH | MH | PAYE \$/MH | T/L COST | UNIT COST | T/L COST | UNIT COST | T/L COST | UNIT COST | | |
| ELEC. C.O. #CCR-003 REV. A | | | | | | | | | | | | | |
| 1" PVC CONDUIT - BELOW SLAB | 2110 | LF | 0.03 | 63 | 49.63 | 3,142 | 0.65 | 1,379 | | | | 2.14 | 4,520 |
| SPLICE BOX - 4x4x2 FS BOX | 5 | EA | 1.25 | 6 | 49.63 | 310 | 38.90 | 194 | | | | 100.93 | 505 |
| #10 THWN WIRE | 7085 | LF | 0.007 | 49 | 49.63 | 2,444 | 0.16 | 1,065 | | | | 0.50 | 3,539 |
| #14 THWN WIRE | 2800 | LF | 0.005 | 14 | 49.63 | 695 | 0.09 | 261 | | | | 0.34 | 956 |
| 1" GRSC - EXPOSED ASSEMBLY w/ FTGS. & SUPPORTS | 480 | LF | 0.11 | 53 | 49.63 | 2,620 | 2.71 | 1,299 | | | | 8.17 | 3,920 |
| 1" LIQUITE FLEX. CONDUIT - TYPE NM (INCL. CUTS) | 201 | LF | 0.1 | 20 | 49.63 | 998 | 2.04 | 410 | | | | 7.00 | 1,408 |
| 1" LT CONNECTORS - TYPE NM | 140 | EA | 0.2 | 28 | 49.63 | 1,390 | 3.66 | 512 | | | | 13.59 | 1,902 |
| TOTALS | | | | 234 | | 11,586 | | 5,151 | | | | | 16,749 |

TEI CCR No. 3

PROJECT CLIENT ADDISON TEXAS EST LEVEL C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3.30 ESTIMATOR: JIM NORRIS

SUMMARY

ELECTRICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | HR | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | 1.00000 | NA | NA | 1.00000 | |
| SUBTOTALS | | | NA | NA | 1.00000 | |
| SALES TAX | | | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.33294 | NA | 1.33294 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CIP SUBTOTAL MARKUP MULTIPLIERS | | | 1.25271 | 1.01500 | 1.00000 | |
| G. C. O&P ON SIC WORK | 1.15000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | 1.00000 | 1.4062 | 1.35587 | 1.18725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #4 – Add Air Eliminator Optical Sensor

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 04, Rev. A, dated November 11, 2005 as proposed at \$34,200.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that the proposed cost is reasonable. This letter is to acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 4 at a final cost of \$34,200.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #6 – Change Water draw Off Pumps

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 6, Rev. A., dated November 11, 2005 as proposed at \$5,000.00 and 0 additional time. We concur that the work under this CCR has been performed however, we do not concur that there is an entitlement. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated have not been provided. Further, the cost of the pumps provided under this CCR is actually less than the cost of the pumps being replaced.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe that a credit is due from the Contractor in the amount of \$2,368.00.

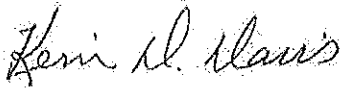
Accordingly, the Contractor's request for additional payment under this CCR is denied. Demand is made from the Contractor for a credit in the amount of \$2,368.00. No additional time is granted under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 6

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3-30

ESTIMATE DETAIL
 MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 1/29/2005
 ESTIMATOR: JIM GIBSON

| DESCRIPTION | CITY | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT/RENT | | UNIT COST | TOTAL COST |
|------------------------------------|------|------|-------|----|----------|----------|-----------|-------------|-----------|----------------|-----------|-----------|------------|
| | | | U | MH | DATE/SMR | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | UNIT COST | | |
| CONSTRUCTION CHANGE ORDER-006 REVA | | | | | | | | | | | | | |
| ORIGINAL HAND OPERATED DRAW PUMPS | -14 | EA | 1 | | -14 | 48.35 | (677) | 326.06 | (4,565) | | | | (5,242) |
| NEW HAND OPERATED DRAW PUMPS | 14 | EA | 1 | | 14 | 48.35 | 677 | 156.94 | 2,197 | | | 205.29 | 2,874 |
| TOTALS | | | | | | | | | | | | (2,368) | |

TRF CCR No. 6

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

SUMMARY

MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | Cost | | | | |
| MARKUP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18000 | NA | 1.18000 | |
| HOME OFFICE COSTS: | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.12200 | 1.20000 | NA | 1.21178 | |
| SUB-CONTR: PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.25420 | 1.33284 | NA | 1.33284 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. & P ON/S/C WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS :

- "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
- "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
- "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
- "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #7 – Add Conduit Under Tanks

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 7, Rev. A., dated November 11, 2005 as proposed at \$19,300.00 and 0 additional time. We also have a second, signed Rev. A. dated September 28, 2005 proposed at \$10,800.00. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$7,910.00.

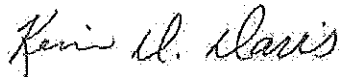
We propose to settle this matter at a cost of \$7,910.00 and 0 time as fair and equitable payment for the services provided under CCR No. 7. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No.7

ESTIMATE DETAIL
ELECTRICAL

EST LEVEL: C.O.
ESTIMATE DUE DATE: 3/16/2008
ESTIMATOR: JRN

PROJECT CLIENT: ADDISON TEXAS
PROJECT DESC: FUEL FACILITY
PROJECT #: 34310-3.30

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|------------------------------------|------|------|-------|-----|----|------------|----------|-------------|----------|----------------|----------|-----------|------------|
| | | | U | M/R | RH | RATE \$/MH | T/L COST | UNIT COST | T/L COST | UNIT COST | T/L COST | | |
| ELEC. C.O. #CCR-007 REV. A | | | | | | | | | | | | | |
| 1" 45 DEGREE E.P. FTGS. | 127 | EA | 0.45 | 57 | | | 22.56 | | | | | 45.46 | 5,773 |
| CUT OFF EXIST. FITTINGS (14 TANKS) | 14 | EA | 1 | 14 | | | | | | | | 50.88 | 712 |
| RE-THREAD CONDUITS | 14 | EA | 2 | 28 | | | | | | | | 101.77 | 1,425 |
| TOTALS | | | | 99 | | | 5,045 | | | | | 2,965 | 7,910 |

TEL CCR No. 7

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3.30 ESTIMATOR: JIM NORRIS

SUMMARY

ELECTRICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | | NA | NA | NA | 1,00000 | |
| SUBTOTALS | | NA | NA | NA | 1,00000 | |
| SALES TAX | | NA | 1,08000 | NA | 1,08000 | |
| SUBTOTALS | | NA | 1,08000 | NA | 1,08000 | |
| FIELD OVERHEAD | | 1,10000 | 1,10000 | NA | 1,10000 | |
| SUBTOTALS | | 1,10000 | 1,18000 | NA | 1,18000 | |
| HOME OFFICE COSTS | | 1,02000 | 1,02000 | NA | 1,02000 | |
| SUBTOTALS | | 1,02000 | 1,21178 | NA | 1,21178 | |
| SUB-CONTR. PROFIT | | 1,10000 | 1,10000 | NA | 1,10000 | |
| SUBTOTALS | | 1,23420 | 1,33234 | NA | 1,33234 | |
| BOND | | 1,01500 | 1,01500 | 1,01500 | 1,01500 | |
| SUBTOTALS | | 1,25274 | 1,35283 | 1,01500 | 1,35283 | |
| ESCALATION | | 1,00000 | 1,00000 | 1,00000 | 1,00000 | |
| SUBTOTALS | | 1,25274 | 1,35283 | 1,01500 | 1,35283 | |
| CONTINGENCY | | 1,00000 | 1,00000 | 1,00000 | 1,00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1,25274 | 1,35283 | 1,01500 | 1,35283 | |
| G.C. O&P ON S/C WORK | | 1,15000 | 1,15000 | 1,15000 | 1,15000 | |
| TOTAL MARKUP MULTIPLIERS | | 1,00000 | 1,55597 | 1,16725 | 1,55597 | |

INFORMATION ABOUT THE MARKUPS:
 "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
 Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
 2111 Dickson Drive, Suite 10
 Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
 Bulk Fuel Storage and Dispensing System
 TEI CCR #8 – Live Oak Substitution for Landscaping
 TEI CCR #19 – Add 17 Nellie R. Stevens Bushes

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 08 dated September 28, 2005 and CCR No. 19 dated January 23, 2006. We concur that there is a credit due for CCR No. 8 and an entitlement for CCR No. 19 resulting in a net entitlement to the Contractor when the two listed CCRs are combined. We believe the calculations of the credit and cost of the CCRs contained minor errors and propose the following:

Per Texas Environmental Management-SA Invoice No. 15728:

Cost of Nellie R. Stevens \$485.00 per unit.
 Cost of Red Oak \$625.00 per unit.

Using the above figures the Change Orders should be as follow:

| | | |
|---------------------|--------------------------------|-----------------|
| Change Order No. 8: | Remove 28 Nellie R. Stevens | \$(13,580.00) |
| | Add 14 Red Oaks | <u>8,750.00</u> |
| | Credit | (4,830.00) |
| | Deduct 15% mark up by THIELSCH | <u>(724.50)</u> |
| | Total credit | (\$5,554.50) |
| | | |
| Change Order No. 19 | Add 17 Nellie R. Stevens | \$8,245.00 |
| | Add 15% mark up by THIELSCH | <u>1,236.75</u> |
| | Total entitlement | +\$9,481.75 |

Net proposed total due to THIELSCH between the two Change Orders: \$3,927.25
 We find that this net cost is reasonable and propose to settle these two CCRs for \$3,927.25, (-\$5,554.50 for CCR 08 and +\$9,481.75 for CCR 19), and 0 additional time. This proposal corrects and supersedes our acceptance of CCR No. 8 as presented in our letter dated September 30, 2005. Upon your acceptance of this proposal, by signing below, we will move forward to issue of an "official" change order and subsequent

payment to you for the work under CCRs No. 8 and 19 at a final cost of \$3,927.25 and 0 additional time. --

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #10 – Relocation of Filter Separators

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 10 Rev. A dated November 11, 2005 as proposed at \$163,000.00 and 21 days additional time. By earlier correspondence dated November 1, 2005, the Contractor was granted 21 additional days for this CCR. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$26,735.00.

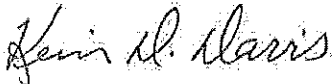
We propose to settle this matter at a cost of \$26,735.00 as fair and equitable payment for the services provided under CCR No. 10. As already noted, an additional 21 days has already been granted. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 10

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

ESTIMATE DETAIL
 MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/28/2005
 ESTIMATOR: JIM GIBSON

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | | SUBCONTRACT | | | EQUIPMENT | | | RENT | UNIT COST | TOTAL COST | |
|-------------------------------------|------|------|-------|-----|------------|----------|-----------|---------|-------------|---------|-----------|-----------|-------|--------|--------|-----------|------------|--|
| | | | U. MH | MH | RATE \$/MH | TL COST | UNIT COST | TL COST | UNIT COST | TL COST | UNIT COST | TL COST | | | | | | |
| CONSTRUCTION CHANGE ORDER- 010 REVA | | | | | | | | | | | | | | | | | | |
| WELDS @ TANK #1 | | | | | | | | | | | | | | | | | | |
| WELDS @ TANK #1 | | | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 10 | EA | 1.5 | 15 | 48.35 | 725 | | | | | | 21.82 | 218 | 94.35 | 943 | | | |
| RE-WELD WELDS | 7 | EA | 4.6 | 32 | 48.35 | 1,557 | | | | | | 66.90 | 468 | 289.33 | 2,025 | | | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | | | |
| WELDS @ TANK #2,6,7,9,10,12&13 | | | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 56 | EA | 1.5 | 84 | 48.35 | 4,062 | | | | | | 21.82 | 1,222 | 94.35 | 5,283 | | | |
| RE-WELD WELDS | 35 | EA | 4.6 | 161 | 48.35 | 7,785 | | | | | | 66.90 | 2,342 | 289.33 | 10,127 | | | |
| X-RAY WELDS | 4 | EA | | | | | 102.82 | 411 | | | | | | 102.82 | 411 | | | |
| WELDS @ TANK #4&5 | | | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 16 | EA | 1.5 | 24 | 48.35 | 1,161 | | | | | | 21.82 | 349 | 94.35 | 1,510 | | | |
| RE-WELD WELDS | 10 | EA | 4.6 | 46 | 48.35 | 2,224 | | | | | | 66.90 | 668 | 289.33 | 2,893 | | | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | | | |
| WELDS @ TANK #3,8,11&14 | | | | | | | | | | | | | | | | | | |
| CUT OUT 3" DIA. WELDS | 14 | EA | 1.1 | 15 | 48.35 | 745 | | | | | | 16.00 | 224 | 69.19 | 969 | | | |
| RE-WELD WELDS | 10 | EA | 3.6 | 36 | 48.35 | 1,741 | | | | | | 52.36 | 524 | 226.44 | 2,264 | | | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | | | |
| TOTALS | | | | 414 | | 20,000 | | 720 | | | | | | 6,015 | | 26,735 | | |

TEI CCR No.10

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3-30 ESTIMATOR: JIM GIBSON

SUMMARY

MECHANICAL

| DESCRIPTION | LABOR | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|---------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.10000 | NA | 1.10000 | |
| HOME OFFICE COSTS | 0.82000 | 1.02000 | 1.48800 | NA | 1.18800 | |
| SUBTOTALS | | 1.12000 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33294 | NA | 1.33294 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CIP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.

"SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.

"FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.

"HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #12 – Conduit for Overfill

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 12, Rev. A., dated November 11, 2005 as proposed at \$8,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$2,928.00.

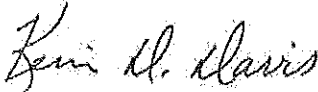
We propose to settle this matter at a cost of \$2,928.00 and 0 time as fair and equitable payment for the services provided under CCR No. 12. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 12

PROJECT CLIENT: ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3.30 ESTIMATOR: JIM NORRIS

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | | SUBCONTRACT | | | EQUIPMENT RENT | | | UNIT COST | TOTAL COST | | | | |
|---|------|------|-------|----|------------|----------|-----------|----------|-------------|----------|-----------|----------------|-----------|----------|-----------|------------|--|--|--|-------|
| | | | U | MH | RATE \$/MH | T/L COST | UNIT COST | T/L COST | UNIT COST | T/L COST | UNIT COST | T/L COST | UNIT COST | T/L COST | | | | | | |
| ELEC. C.O. #CCR-012 REV. A | | | | | | | | | | | | | | | | | | | | |
| CLASS 1 - DIV. 2 AREA - NON E.P. | | | | | | | | | | | | | | | | | | | | |
| 1" GRSC - EXPOSED ASSEMBLY w/ FTGS. & SUPPORTS INCLUDING CUTS & THREADING | 230 | LF | 0.11 | 25 | 49.63 | 1,256 | | 2.71 | 523 | | | | | 8.17 | 1,873 | | | | | |
| 1" MYERS HUBS | 20 | EA | 0.6 | 12 | 49.63 | 596 | | 4.08 | 82 | | | | | 33.85 | 677 | | | | | |
| 1" 90 DEGREE ELBOWS | 20 | EA | 0.25 | 5 | 49.63 | 248 | | 6.22 | 124 | | | | | 18.53 | 373 | | | | | |
| TOTALS | | | | | | | | | | | | | | 42 | 2,099 | 829 | | | | 2,928 |

TEI CCR No.12

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3-30

SUMMARY

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM NORRIS

ELECTRICAL

| DESCRIPTION | MARK-UP-SETTINGS | | | | | TOTAL COST |
|------------------------------------|------------------|------------|---------------|-------------|---------------------|------------|
| | MH | LABOR COST | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD-OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.10000 | NA | 1.10000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUB-CONTR. PROFIT | 1.00000 | 1.21175 | 1.21175 | NA | 1.21175 | |
| SUBTOTALS | | 1.21175 | 1.21175 | NA | 1.21175 | |
| BOND | | 1.10100 | 1.10100 | NA | 1.10100 | |
| SUBTOTALS | | 1.10100 | 1.10100 | NA | 1.10100 | |
| ESCALATION | 1.01500 | 1.25271 | 1.25271 | 1.01500 | 1.33234 | |
| SUBTOTALS | | 1.25271 | 1.25271 | 1.01500 | 1.33234 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.35293 | |
| SUBTOTALS | | 1.00000 | 1.00000 | 1.00000 | 1.35293 | |
| C.T.P. SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35233 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | | 1.25271 | 1.35233 | 1.00000 | 1.35293 | |
| TOTAL MARKUP MULTIPLIERS | | 1.15000 | 1.45000 | 1.15000 | 1.5587 | |
| | | 1.00000 | 1.5587 | 1.16725 | 1.5587 | |

INFORMATION ABOUT THE MARKUPS:

- "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
- "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
- "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
- "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #20 – Relocate Bollards

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 20, dated January 23, 2006 as proposed at \$4,560.00 and 0 additional time. We do not concur that there is entitlement for the work under this CCR. While the plans do not indicate the spacing of the bollards, the Contractor had the responsibility to verify the spacing prior to the initial installation:

General Provisions, Item 1.20.3, Errors and Corrections in Drawings and Specifications:

The CONTRACTOR shall not take advantage of any apparent errors, omissions or discrepancies in the drawings or specifications; and the Engineer shall be permitted to make such corrections or interpretations as may be necessary for the fulfillment of the intent of the contract documents. In case of any errors, omissions or discrepancies in the drawings or specifications, the CONTRACTOR shall promptly submit the matter to the OWNER who, in turn, shall promptly make a determination and issue necessary instructions in writing. Any adjustment by the CONTRACTOR without this determination and instructions shall be at the CONTRACTOR's own risk and expense. The work is to be made complete as intended by the contract documents.

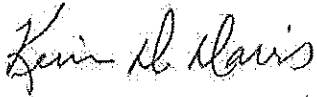
Further, two of the bollards indicated on the plans were deleted and have not been installed. A credit for the two bollards is due to the Town of Addison however; we propose to settle this matter by waiving the credit demand and granting no payment or additional time for work under CCR No. 20.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #22 – Pot-holing for Drain Line

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 22, dated January 23, 2006 as proposed at \$28,490.00 and 4 days additional time. We do not concur that there is entitlement for the work performed under this CCR. This effort was a direct result of the oil/water separator grade issue that was denied under CCR No. 9 by our letter dated September 30, 2005.

A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

The pot-holing performed under this CCR was done as part of an attempt by the Contractor to solve the oil/water separator grade issue that was caused by the installation of the system below plan grade. We do acknowledge that a damaged sewer line was encountered and repaired during the pot-holing. We agree to pay \$1,500.00 for this service.

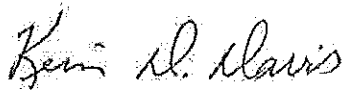
We propose to settle this matter at a cost of \$1,500.00 and 0 time as fair and equitable payment for the services provided under CCR No. 22.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thiensch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #26 – Sampling Connections on Water Draw Off Pumps

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 026, Rev. B, dated February 2, 2006 as proposed at \$3,410.00 and 0 additional time. This letter is to acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 4 at a final cost of \$3,410.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
 Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
 2111 Dickson Drive, Suite 10
 Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
 Bulk Fuel Storage and Dispensing System
 TEI CCR #27 – Dialer w/ Voice Communication to Fire Department

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 27, dated January 25, 2006 as proposed at \$3,620.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that the proposed cost is reasonable. TEI was approved to proceed with work under this CCR by email from Tom Cobb of WGI, dated January 25, 2006. This letter is to formally acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 27 at a final cost of \$3,620.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
 Thielsch Engineering, Inc.

Very Truly Yours,
 Washington Group International

Town of Addison

Kevin D. Davis, P.E.
 Project Engineer

Mark Acevedo
 Director

Cc. Nancy Cline
 Lisa Pyles
 Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #28- Additional Time - Ribbon Cutting Ceremony

Dear Mr. Normandeau:

We are initiating Change Request (CCR) No. 28 to address the agreed upon additional time granted to accommodate the ribbon cutting ceremony. This is a no cost change order. This letter confirms that a total of zero dollars and eight (8) additional days are granted to the contract completion time under CCR No. 28 as herein defined.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 28, 2006

Mr. Mark Acevedo
Director
General Services Department
Town of Addison
P.O. Box 9010
Addison, Texas 75001-9010

**Re: Addison Airport Bulk Fuel Storage and Dispensing System
Pump Priming Issue
Letter of Engineering Recommendation**

Dear Mr. Acevedo:

In response to the issue wherein the Blackmer pumps lose their prime between pumping events while discharging fuel out of the storage tanks during the commissioning activities of June 8th through the 13th, we offer the following recommendation to alter the configuration of the tank suction piping:

1. Installation of a check valve in the following aboveground storage tanks:
 - a. Eight 25,000 gallon Jet-A tanks (Tanks #1, 2, 6, 7, 9, 10, 12 & 13)
 - b. Two 15,000 gallon Jet-A tanks (Tanks #4 & 5)
 - c. Four 15,000 gallon AvGas tanks (Tanks #3, 8, 11 & 14)

The check valve installation should be performed and tested on Tank #11 to verify that priming of the pump during discharge operation is maintained within the system as intended by the design.

After the alteration is completed and accepted for use in Tank #11, the remaining tanks should be fitted with the check valve. Additional steps will be required on tanks containing fuel to drain the fuel and make them safe for entry.

It is anticipated that two days will be required to install the check valve and test the altered system on Tank #11 at a cost of approximately \$7,500.

Completing the work on the remaining tanks will take 19 days at a cost of approximately \$142,500. This brings the total estimated cost of this work to approximately \$150,000 per Burns & McDonnell's cost estimate.

The material list for this work consists of the following (It is anticipated that the check valve can simply be inserted in between existing flanges without the fabrication of any additional spool pieces):

| | | |
|-------|---------|---------------------------|
| AvGas | 4 Each | 3-Inch Wafer Check Valves |
| Jet-A | 10 Each | 4-Inch Wafer Check Valves |

We have verified that the floating suction arm and a provision for an anti siphon valve are required by NFPA. The Contract presents options for the Contractor to provide a working check valve feature with the requirement that the selected option works. We have verbal confirmation from Cla-Val that the anti-siphon valves installed will not provide the check function required. We are prepared to discuss this situation and options for moving forward in more detail at the July 6 meeting or at your convenience. Should you have any questions please contact me at 303-843-2851.

Respectfully,
WASHINGTON GROUP INTERNATIONAL, INC.



Kevin D. Davis, P.E.
Project Manager

Cc: Lisa Pyles, Addison Airport
Nancy Cline, Addison Department of Public Works

See Ted's responses to my questions.

> -----Original Message-----

> From: Rigo, Theodore
> Sent: Thursday, June 29, 2006 12:45 PM
> To: Pyles, Lisa
> Subject: RE: Letter of Engr Recommendation

>
> Lisa:

> In response to your items for discussion:

> 1. I am not an attorney, but it is my opinion that the way the
> situation was presented in the addendum 2, the Contractor is on the
> hook.

> 2. There were question raised by people that the anti siphon valve
might not be needed. It was required in the design to conform to NFPA
requirements. The designer did what was right. The check valve is
not an NFPA issue. Under addendum 2, the designer provided two options
giving opening to an idea that was raised by Mr. Thompson that Cla Val
could meet the requirement that the anti siphon and check valve
features could be addressed in a single unit. The designer allowed
that the Contractor could use this method provided it worked per the
intention of the design. The original option provided for the anti
siphon and check valves to be separate units. This was a performance
spec and the choice was the Contractor's.

> 3. I do not feel confident TEI will cooperate.

> 4. We are back to the same options we had before the commissioning:
> 1) Go to the Contractor's bond or 2) Self perform and back charge.

> 5. Depends on decision for item 4 above.

> 6. It is in Addendum 2.

> More detail concerning this situation will be covered at the meeting.
> Have a Great 4th weekend!

> Ted

> -----Original Message-----

> From: Pyles, Lisa
> Sent: Thursday, June 29, 2006 7:21 AM
> To: Davis, Kevin; Rigo, Theodore
> Subject: RE: Letter of Engr Recommendation

> Some things to consider for discussion at the July 6th meeting:

- > 1. How confident are you all that the language in the specs is clear
> enough that the contractor is on the hook for this repair.
> 2. How do we counter the argument that it should have been designed
with this check valve in the first place since it is required by NFPA
and therefore, the designer is the responsible party?
> 3. What is the likelihood that TEI will step forth and pay for this
repair/installation?

> 4. How do we proceed without their concurrence, or can we?
> 5. Who completes this work? TEI? Outside contractor?
> 6. Be prepared to cite the section in the specs that clearly states
that the contractor is responsible to provide a "working check valve
feature with the requirement that the selected option works.

>
>

> Thanks for the information and I will see you both on the 6th. Have
a
> happy and safe 4th. God bless America.

>

> -----Original Message-----

> From: Davis, Kevin
> Sent: Wednesday, June 28, 2006 6:23 PM
> To: Mark Acevedo (E-mail)
> Cc: Pyles, Lisa; Elguezabal, Luis; Nancy Cline (E-mail)
> Subject: Letter of Engr Recommendation

>

> Attached

>

> Kevin D. Davis, P.E.
> Civil Engineer
> Washington Group International, Inc. - Airport Services
> 7800 E. Union Ave., Ste. 100
> Denver, CO 80237
> Ph: 303.843.2851
> Mobile: 303.898.2528

>

> << File: 2396.6-28-06 WGI letter to TOA.PDF >>

>

>

>

CHANGE CLARIFICATION REQUEST TRACKING

| CCR # | Revision # | Description | STATUS | \$ Change to Original Bid | Date Submitted | Date Approved |
|--------|------------|--------------------------------|--------|---------------------------|----------------|---------------|
| 000 | - | Deadman Switches | CLO | \$0.00 | | |
| 001 | A 1 | Relaxation Chambers | OPN | \$131,000.00 | 8/31/2005 | |
| 002 | - | Chainlink Fence | OPN | \$27,300.00 | 8/31/2005 | |
| 003 | A 3 | Conduit for Pre-set Valves | OPN | \$54,900.00 | 8/31/2005 | |
| 004 | A 4 | Air Eliminator Optical Sensor | OPN | \$41,700.00 | 8/31/2005 | |
| 005 | - | George Haddaway Drive | CLO | \$0.00 | 8/31/2005 | |
| 006 | - | Water Draw Off Hand Pumps | OPN | \$4,500.00 | 9/21/2005 | |
| 007 | A 7 | Conduit Under Tanks | OPN | \$10,800.00 | 9/21/2005 | |
| 008 | - | Live Oak Substitution | OPN | (\$3,955.00) | 9/15/2005 | |
| 009 | - | O/W Discharge Slope | OPN | \$55,300.00 | 9/21/2005 | |
| 010 | - | Relocation of Filter/Seperator | OPN | \$163,300.00 | 9/15/2005 | |
| 011 | - | Addition of 5 Static Reels | OPN | \$5,700.00 | 9/15/2005 | |
| 012 | - | Conduit Overfill RFI #7 | OPN | \$9,400.00 | 9/28/2005 | |
| 013 | - | Headwall | OPN | \$12,300.00 | 9/28/2005 | |
| 014 | - | AC for MCC | OPN | \$18,300.00 | 9/28/2005 | |
| 015 | - | Elimination of 2 Signs | OPN | (\$700.00) | 9/15/2005 | |
| 016 | - | Conduit Overfill RFI # 11 & 12 | CLO | \$0.00 | 9/25/05 | |
| 017 | - | Paint Striping | OPN | (\$250.00) | 9/23/05 | |
| 018 | - | Fire Detection - SIEMENS | OPN | | | |
| 019 | - | | | | | |
| 020 | - | | | | | |
| 021 | - | | | | | |
| TOTALS | | | | \$511,095.00 | | |

21 days being processed
 evaluated price
 true costs must be
 taken always

#11 -> HAVE DNE
 DOC. 11/11/05

RFI # 1006

ifok...

LOWEEK LEAD TIME
 ON DETECTORS

7/25

7/27 B-M admitted

d.dun - use A7A

103

108
 8

Addison Airport
Bulk Fuel Storage and Dispensing Facility
Change Order Status
1-12-06

The following provides a summary of all the change orders currently identified for the Addison Texas project. The summary also indicates the "backup information" yet to be provided to the Town of Addison, along with the invoicing status of each change order. All available information related to these change orders will be provided to the Town of Addison, and the Washington Group, by Tuesday 1-17-06—as reference material for a change order meeting scheduled for 1-20-06.

CCR0—We have little in the file for this change order, for Deadman Switches; we need to collect and file any additional correspondence on this one, but it is **not a dollar issue**.

CCR01, Relaxation Chambers—We've provided everything available, except invoices for materials; those invoices will be faxed from Rhode Island. **Invoiced late November**.

CCR02, Chain Link Fence—On this one, we can locate an invoice that includes these materials. **Invoiced late November**.

CCR03, Flow Meter Remote Display—On this one, we have been asked for Rabalais backup and that backup has been provided by Rabalais—dated April 11. We can provide that backup from Rabalais, to the Town of Addison. **Invoiced late November**.

CCR04, Air Eliminator Optical Sensor—Same as above. We can provide that backup from Rabalais. **Invoiced late November**.

CCR05, George Haddaway Drive—No action needed; **not a dollar issue**.

CCR06, Hand Pumps—We can provide an invoice for materials. **Complete; needs to be invoiced--approx \$5000**.

CCR07, Conduit Under Tanks—We have the backup from Rabalais and can provide that. **Invoiced late November**.

CCR08, Live Oak Substitution—This is approved; it will be referenced in CCR019; **this is a credit, will be accounted for with invoice for CCR019**.

CCR09, Oil Water Separator—We need to complete two tasks here: 1) Resubmit the CCR with the new numbers based on the new approach (with backup); and 2) provide our technical explanation for why this is not a construction problem. **Complete; needs to be invoiced--approx \$20000**

CCR010, Relocation of Filter Separator—we provided considerable backup, including an explanation for the delay days claimed; we could provide materials invoices, but we don't have timesheets. We never heard back on the days we requested. **Invoiced late November**.

CCR011, Addition of 5 static reels—This is approved on a not-to-exceed basis. We can provide materials invoices, and a labor estimate. **Invoiced late November**.

CCR012, Conduit Overfill—we need the Rabalais backup on this one. **Invoiced late November**.

CCR013, Headwall, no action required—**not a dollar issue**.

CCR014, A/C for MCC—We've retained all the correspondence related to this change order request. **Denied--not a dollar issue**.

CCR015, Elimination of Two Signs—No action required—**A credit; accounted for with invoice in late November**.

CCR016, Conduit Overfill—No action required; **not a dollar issue**.

CCR017, Paint Striping—Same as above. **A credit; not yet accounted for, because it is not yet complete**.

CCR018, Siemens Fire Detectors—we've received approval; **need to invoice at approximately \$20000**.

F. 11/29
B. 11/29
O. 11/29

Addison Airport Fuel Farm Project
Assessment of Change Orders (CO)

31-Oct-05

| No. | Requested CO | Cost | Time | Resolution | Issue | Approval |
|-----|---|---------------------|------|-------------|--|--------------|
| 1 | Add Relaxation Chambers to Jet A Tanks | \$130,251.97 | 0 | | Error on Addendum #2 | |
| 3 | Conduit for pre-set valves | \$54,900.00 | 0 | | Value Engineering after bid | |
| 4 | Add air eliminator optical sensor | \$41,700.00 | 0 | | Value Engineering after bid | |
| 6 | Water draw off hand pumps | \$4,500.00 | 0 | | Error on pump specifications | |
| 7 | Conduit under tanks | \$10,800.00 | 0 | | Planned conduits maxed | |
| 10 | Relocation of filter-separator | \$163,300.00 | 21 | | ATA 103 requirement | |
| 11 | Addition of five grounding static discharge rods | \$5,700.00 | 0 | TBD | Design omission | W/GI/Addison |
| 12 | Conduit overfill No. 2 | \$9,400.00 | 0 | | Planned conduits maxed | |
| 16 | Conduit overfill No. 3 | \$0.00 | 0 | | Planned conduits maxed | W/GI/Addison |
| | Burns & McDonnell Total | \$420,551.97 | | | | |
| 2 | Add fence posts on Chain Link Fence | \$19,467.36 | 0 | | Error on plans | |
| 13 | Drainage pipe headwall | \$12,800.00 | 0 | \$0.00 | Landscaping appearance-request by Addison | Addison |
| 5 | Additional Ex. On George Haddaway Dr. | \$0.00 | 0 | \$0.00 | Changed conditions-concrete removal | Addison |
| | WGI Total | \$32,267.36 | | | | |
| 8 | Live Oak substitution | -\$3,955.00 | 0 | -\$3,955.00 | Change by Addison | Addison |
| 15 | Elimination of 2 signs | -\$700.00 | 0 | -\$700.00 | Not needed | Addison |
| 17 | Pavement paint location change | -\$250.00 | | -\$250.00 | No cost change | Addison |
| | Addison Total | -\$4,905.00 | | | | |
| 9 | Oil/Water separator grade | \$36,300.00 | 0 | \$0.00 | Tank set low by Contractor/ Existing pipe higher than shown on plans due to mid-run change-unforseen condition not an issue. | W/GI/Addiso |
| 14 | Air conditioning for motor control cabinet | \$18,300.00 | 0 | \$0.00 | May not be required per Burns & McDonnell | Addison |
| 18 | Addition of fire detectors | \$23,476.80 | 21 | \$0.00 | Addison F.D. requested only one at each corner. Need 8 to cover total site. Contractor | W/GI/Addisr |
| | TOTAL REQUESTED TO DATE | \$525,991.13 | | | | |

General Note: All costs need to be supported by documentation from the Contractor.

help in justifying this #

- X **CCR019**, Landscaping Changes—Need to resubmit formally, with invoice from subcontractor (landscaper); **need to invoice at approximately \$9000.**
- X **CCR020**, Move Bollards—**Need to submit formally, with invoice from subcontractor, and invoice at approximately \$5000.**
- X **CCR021**, Floating Pump Suction—We need to confirm the price and the days delay and submit—with materials invoices and labor manhours. Complete; **need to invoice at approximately \$20000.**
- X **CCR022**, Potholing—Same as above, plus we need to review backup from Able Concrete on their costs. **Need to invoice at approximately \$16000**
- CCR023**, Fill Line High Level Cutoff—We need to confirm the price and the days delay and submit—with materials invoices and labor manhours. **Complete; need to invoice at approximately \$15000.**
- CCR024**, Vent Line Supports—We need to confirm materials and labor manhours, prepare the CCR, and submit—with materials invoices and manhours. **Complete; need to invoice at approximately \$7000.**
- CCR025**, Reroute lines to vacuum trucks; this was identified by WGI in a site visit on 12-16; we have not implemented—**cost will be about \$3000.**
- CCR026**, Sampling connection on hand pumps; this was identified by WGI in a site visit on 12-16; we have not implemented—**cost will be about \$3000.**

It looks like we're only missing Rabalais backup on CCR012. I think we have all the other subcontractor backups we need.

As has been indicated in earlier correspondence, our craftsmen do not charge their time to a specific task within the project—their time is charged to the project. We are able to provide estimated manhours for that work that was completed before the October 5, 2005 letter from Mark Acevedo; on later work, we attempted to track manhours against specific change orders.

January 17, 2006

Subject: Addison Texas Airport Fuel Farm
Change Orders 019, 020, 021, 022, 023, 024, 025, and 026

CR 019, Landscaping: Addison Parks and Recreation should have information regarding validity of the dollar amount of this item.

CR 020, Move Bollards: Bollards were installed by the contractor without direction or input from the Town or Engineer. The Town ask that they be relocated and provided a detail for where they wanted them placed. The Contractor removed and relocated the bollards. The submitted cost is too high and the Town could take the position that no additional payment is warranted.

CR 021, Floating Pump Suction: The arm on the floating pump suction was too long to fit into the tanks. The Contractor had to cut a section out of the arm and re-weld the flange. There should be no cost for this item because the Contractor is to provide a complete, functional fuel farm.

CR 022, Pot-holing: I believe this is for locating the drain line and digging out the pipe at the damaged area. Had the Contractor complied with the plans and specifications there would be no "Pot-holing". There proposed cost of \$16,000.00 would cover about 200 hours of work for a track hoe, operator and helper. There should be no cost for this item.

CR 023, Fill Line High Level Cutoff: Thielsch was required to drill holes in the 24-inch Overfill Prevention Valve Float Pilot Access where the high level shut off goes. Had they understood how the float was to be installed, they would have had Highland tank install holes. I don't see how his lack of knowledge accrues to us.

CR 024, Vent Line Supports: Any supports for any line is the responsibility of the Contractor.

CR 025, Reroute Lines to Vacuum Trucks: Lines were being installed with an inverted "U" in them which would have trapped air prohibiting the system to function as designed. Deleting the inverted "U" also saved the contractor pipe and two welds.

CR 026, Sampling Connection on Hand Pumps: This was installed to provide the FBO's a way of sampling the water draw off on the Av Gas tanks without having to carry sampling equipment up and down the ladders. Contractor has given an approximate cost of \$3,000.00. Actual cost should be approx. \$200.00.

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

3-Jan-06

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Comments |
|----------|---|-----------------------|----------------------------|--------------------------------|---|
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | Left out of bid package |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | Left out of bid package |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$56,366.00 | Hydraulic sensor not compatible with sys. |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | Specified pump would not draw 11 feet |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | Conduit under tanks due to relocating filters |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | Code requires fuel being filtered on and off |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | Reels omitted from plans |
| 12 | Conduit overflow | 0 | \$8,000.00 | \$2,928.00 | Planned conduits filled |
| | Washington Group International | | | | |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$147.20 | |
| | TOTAL | 21 | \$431,200.00 | \$223,937.20 | |
| | Resolved Change Orders | | | | |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ - | \$ - | No cost change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (3,955.00) | Credit to Town Change Order approved |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ - | Change Order denied |
| 13 | Drainage Pipe Headwall | 0 | \$ 12,800.00 | \$ - | Headwall was deleted Eng. Est. \$1,500.00 |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ 18,300.00 | \$ - | Change Order denied Eng. Est. \$10,500.00 |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | Change Order approved |
| 16 | Conduit Overflow no. 3 | 0 | \$ - | \$ - | Used a spare conduit |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | Change Order approved |
| 18 | Addition of 4 fire detectors | 30 | \$ 39,650.00 | \$ 20,410.00 | Contractor & Town approved \$20,410.00 |
| | <i>for cleanup up</i> | 0 | | | |
| | Total Resolved Change Orders | 0 | \$ 101,845.00 | \$ 15,505.00 | |
| | GRAND TOTAL | 21 | \$533,045.00 | \$239,442.20 | |

32 days

THIELSCH ENGINEERING, INC.

2111 Dickson Drive, Suite 10
Austin, Texas 78704
Tel: (512) 912-9941
Fax: (512) 912-9985

Date: November 16, 2005
Subject: Request for Partial Payment
To: Mr. Tom Cobb
Project Manager, Airport Services
7800 E. Union Ave., Suite 100
Denver, CO USA 80237

Dear Mr. Cobb,

Thielsch Engineering requests partial payment for work items completed and/or nearly completed to date for the Addison Bulk Fuel and Storage and Dispensing System at 15701 Addison Road for the Addison Airport.

The last request, September 24, 2005, was at a point in time when our project was 80% complete. Based on progress of key activities discussed below, we currently estimate the project to be 93% complete.

Work activities completed or nearly completed to date are:

- ✓ *Site preparation activities are complete with completion of the temporary fence, the project sign, temporary construction power, the silt fence, demolition and removal of the concrete wall, relocation of Monument AA3, traffic control appurtenances, and 500' of 6' vinyl coated chain link fence, site security temporary fences and construction gate. The removal of the bushes and chain link fence along Addison Road is complete. Rough grading of the landscape area is complete.*
- ✓ *The 6' and 8' chain link fence is complete and the gates will be complete this week. The slats are installed and final touch-up of the vinyl coating has started. The irrigation piping is installed, inspected and functional. The Nellie R Stevens bushes and Red Oak trees have been planted and the sod is scheduled for completion this week.*
- ✓ *Excavation of the containment and driveway areas to sub-grade has been completed. The oil/water separator has been installed and backfilled. The relocation of George Haddaway Drive is complete. The ADA sidewalks have been completed on George Haddaway Drive and the permanent stop sign relocated. The asphalt paving of both ends of the east driveway is complete. The existing fire hydrant has been relocated and the new one added including the fire hydrant bollards.*
- ✓ *The oil water separator and the discharge line to the storm sewer is installed and backfilled. The pea stone gravel on the exit driveway is installed and ready for final grading.*
- ✓ *Also complete is the buried portion of the domestic water piping, installation of six curb inlets and associated drain piping, installation of containment floor drains and piping, as well as installation of 9,865 linear feet of underground conduit. The water meter and back flow preventer for the domestic water line are also complete.*

- ✓ *The reinforcing steel, the anchor bolts for the center columns of the canopy, floor to containment walls water-stops, and the concrete for the containment and west driveway are complete. The containment wall reinforcing steel and canopy anchor bolts have been installed and the concrete poured. The 6" cofferdams are complete. The east driveway is complete.*
- ✓ *Fuel tank fabrication is complete and all twenty fuel and waste tanks have been set in place.*
- ✓ *The electrical racks, boxes, and conduit to them are now complete. Wire pulling through the embedded conduit is 95% complete.*
- ✓ *The sidewalks have been poured and the hose rack embedded plates installed.*
- ✓ *Large bore pipe fabrication is completed in Corpus Christi with 94% of the large bore fuel pipe welds completed. The 28 fuel hose racks have been fabricated and installed. Painting of the pipe and equipment supports is approximately 70% complete.*
- ✓ *Delivery of fuel system equipment and valves is complete. The flow meters, AvGas double block and bleed valves, relaxation chambers, air eliminators, filter separators, anti-siphon valves, high level control valves, and fuel hoses have been received and are in place. The fuel pump supports are installed and grouted. Concrete fill of the pump supports will be complete this week.*
- ✓ *Procurement and fabrication activities are completed on the canopy fabric and steel columns and rafters. The canopy structural steel is installed complete and fabric installation is complete. Fuel tank vent piping is installed through the canopy. The lightning protection loop is complete and lightning rod installation is 95% complete.*
- ✓ *Work has started on development of the system testing procedure.*

I have individually updated the percent complete status for the above activities and the Microsoft Projects Scheduler Program determined the overall project completion to be 93% as stated on the Project Duration Bar. A copy of the Project Schedule has been forwarded as an attachment to this request.

The initial request was for 13% completion, the second request was for 38%, the third was for 9%, the fourth was for 13%, and the fifth was for 7%. We are currently at 93% complete. Therefore, this request for partial payment is for a 13% increase in completion activities, or \$505,050.00 of the remaining contract amount of \$777,000.00.

| | |
|--------------------------|------------------|
| Original contract amount | \$3,885,000.00 |
| May 31 request | - \$ 505,050.00 |
| Remaining balance | \$3,379,950.00 |
| June 24 request | - \$1,476,350.00 |
| Remaining balance | \$1,903,600.00 |
| July 24 request | - \$ 349,650.00 |
| Remaining balance | \$1,553,950.00 |
| August 24 request | - \$ 505,000.00 |
| Remaining balance | \$1,048,950.00 |
| September 24 request | - \$ 271,950.00 |
| Remaining balance | \$ 777,000.00 |
| This request | - \$ 505,050.00 |
| Remaining balance | \$ 271,950.00 |

Very truly yours,

THIELSCH ENGINEERING, INC.

Rick Normandeau

Project Manager

Utility Engineering Services

Cc: T. Lent
P. Kennefick
M. Romano
M. Acevedo

| NAME | ORG. | PHONE | DATE |
|------------------|-----------------|----------------|---------|
| Jenny Nicewander | TOA | 972 450 2860 | 1/20/06 |
| Mark Acevedo | TOA | 972-450-2848 | |
| Chris Terry | TOA | 972/450-2010 | |
| Nancy Cline | TOA | (972) 450-2878 | |
| LISA Pyles | Addison Airport | 972 392 4855 | |
| LARRY DAY | WGI | 303-807-7210 | |
| Tom Cobb | WGI | 303 843 2944 | |
| Ted Rigo | WGI | 303 843-3480 | |
| Luis Elquezabal | Addison Airport | 972-392-4861 | |



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

Transmittal No.: TH1007

Job No.: 41050015

Date: 09/28/2005

TO: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: Change/Clarification Request

ATTN: Marc Acevedo

| WE ARE SENDING: | SUBMITTED FOR: | ACTION TAKEN: |
|---|---|--|
| <input type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Approval | <input type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Letter | <input type="checkbox"/> Your Use | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Prints | <input type="checkbox"/> As Requested | <input type="checkbox"/> Returned After Loan |
| <input type="checkbox"/> Change Order | <input type="checkbox"/> Review and Comment | <input type="checkbox"/> Resubmit |
| <input type="checkbox"/> Plans | | <input checked="" type="checkbox"/> Submit |
| <input type="checkbox"/> Samples | SENT VIA: | <input type="checkbox"/> Returned |
| <input type="checkbox"/> Specifications | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Returned for Correction |
| <input checked="" type="checkbox"/> Other: Change/Clarification Request | <input type="checkbox"/> Separate cover via: Mail | Copies to Return: 0 |

| ITEM NO. | COPIES | DATE | ITEM NUMBER | REV. NO. | DESCRIPTION | STATUS |
|----------|--------|----------|-------------|----------|--------------------------------------|--------|
| 01 | 1 | 09/28/05 | CCR 001 | A | Relaxation Chamber | OPN |
| 02 | 1 | 09/28/05 | CCR 002 | - | Chain Link Fence Design | OPN |
| 03 | 1 | 09/28/05 | CCR 003 | A | Electrical Conduit for Preset Valves | OPN |
| 04 | 1 | 09/28/05 | CCR 004 | A | Air Eliminators | OPN |
| 05 | 1 | 09/28/05 | CCR 006 | - | Hand Draw-Off Pumps | OPN |
| 06 | 1 | 09/28/05 | CCR 007 | A | Conduit Under Tanks | OPN |
| 07 | 1 | 09/28/05 | CCR 008 | - | Landscaping Changes | OPN |
| 08 | 1 | 09/28/05 | CCR 009 | - | OWS Discharge Design | OPN |
| 09 | 1 | 09/28/05 | CCR 010 | - | Filter/Separator | OPN |
| 10 | 1 | 09/28/05 | CCR 011 | - | Add 5 Static Grounding | OPN |
| 11 | 1 | 09/28/05 | CCR 012 | - | Conduit Overfill RFI #7 | OPN |
| 12 | 1 | 09/28/05 | CCR 013 | - | Headwall to Landscape | OPN |
| 13 | 1 | 09/28/05 | CCR 014 | - | AC Unit w/ Dehumidification for MCC | OPN |
| 14 | 1 | 09/28/05 | CCR 015 | - | Airport Property Signage | OPN |
| 15 | 1 | 09/28/05 | CCR 017 | - | Paint Striping | OPN |

Remarks: This CCR is to request contract management for approval.

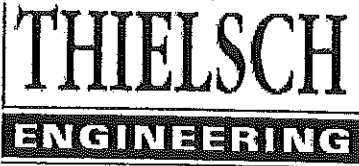
Should there be any questions or concerns please call this office immediately.

Check one: [] Response to this CCR DOES NOT cause a change in Contract Price and/ or Contract Time.

[X] Response to this CCR DOES cause a change in Contract Price and/ or Contract Time.

FOUO

Signed: *Richard Normandeau*
Richard Normandeau



195 Frances Avenue
Cranston, RI 02910-2211

Mud Pen

Invoice Number 059359
Invoice Date November 16, 2005

Project UES-41-05-0015
Page 1 of 1
NET 30

ATTN: ACCOUNTS PAYABLE
ADDISON, TOWN OF
5350 BELT LINE RD.
PO BOX 9010
ADDISON, TX 75001

Contract

Bid No. and Name: 05-02 Bulk Fuel Storage and Dispensing System

This invoice is associated with a progress billing for the Addison Bulk Fuel and Storage and Dispensing System project at 15701 Addison Rd. for the Addison Airport. This request is based upon 93% project completion.

Contract Amount: \$3,885,000.00
Amount Billed to Date: \$3,108,000.00
Amount Remaining on Contract: \$777,000.00
Amount of This Invoice: \$505,050.00
Current Amount Remaining: \$271,950.00

3,108,000
505,050

3,108,000
5%

Progress Payment Request No. 6

180
505,050.00

Invoice Total

505,050.00

Billing inquiries to: ROMANO, MELISSA

155,400. Retains

349,650.

SENT TO DEPT

NOV 23 2005

RECEIVED

NOV 22 2005

TOWN OF ADDISON
ACCOUNTING



METER INSPECTION

CUSTOMER NAME: ASHTON WOODS (Asbury Circle)
 PHONE NUMBER & EMAIL ADDRESS: David Rodriguez 214 869 5789 d-rodriguez@ashtonwoods.com

| | ADDRESS | TYPE | SIZE | MAKE | Meter Number | Inst to Spec's? | Backflow Device? | Curbstop Locked? | Svc Type |
|---|---------------|------|--------|------|---------------------------------|-----------------|------------------|------------------|----------|
| 1 | 3890 Everwood | T | 1 1/2" | H | 09910410 09910404 | Yes | Yes | Yes | fire |
| 2 | 3892 | | | | 09910404 | | | | |
| 3 | 3894 | | | | 09910407 | | | | |
| 4 | 3896 | | | | 09910408 | | | | |
| 5 | 3898 | | | | 09910411 | | | | |
| 6 | | | | | | | | | |

SERVICE TYPES: Dom, Fire, Irrig, Cooling Tower (CT)

COMMENTS: Backflow assemblies have been tested. ready to connect

INSPECTOR: Jose T-Flares DATE: 12-23-09

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did not provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost and labor represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

(14 ea.) Miscellaneous 2" pipe fittings to allow proper connections to pump suction

Additional Freight Charges and Handling Fees

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 5,000.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

Thielsch Engineering, Inc.

Date

Town of Addison

Date

Confidential

CCR-006—Rev A

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: **Monday, August 15, 2005**

ADLISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001

Sale Price \$5,000.00
Total Costs \$4,532.72
Gross Margin % 9.35%
Gross Profit \$467.28

Bid Date: CCR-006 Rev A-Hand Draw-Off Pumps

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|---|--|--------|----------------|-------------------|--------|---------------------|-------|-------|-------------------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | Credit for pump with 4 1/2 suction I/P | NA | White & Tucker | (\$420.00) | 34 | (\$420.00) | 1.15 | | (\$489.00) |
| 2 | Pump with 12 1/2 suction I/P | NA | White & Tucker | \$110.00 | 14 | \$1,540.00 | 1.15 | | \$1,771.00 |
| 3 | 2x2x1/2 threading iron | B | Amalgam | \$28.35 | 28 | \$793.80 | 1.15 | | \$912.87 |
| 4 | 3" 150# Flange | B | Amalgam | \$9.22 | 14 | \$138.88 | 1.15 | | \$159.71 |
| 6 | 2" coupling | B | Amalgam | \$8.40 | 14 | \$89.60 | 1.15 | | \$103.04 |
| 6 | 2" pipe | B | Amalgam | \$3.20 | 14 | \$44.80 | 1.15 | | \$51.52 |
| 7 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 8 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 9 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 10 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 11 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 12 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 13 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 14 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 15 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 16 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 17 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 18 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 19 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 20 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| Total E.C.M.Costs | | | | \$2,117.08 | | Total E.C.M. | | | \$2,508.14 |

| THEILSCH ENGINEERING LABOR | | | | | | | | | |
|-----------------------------------|--|------|-------------------------------|-------------|--------------|--------------------|-----------|--|-------------------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1083 | Project Manager | \$110.00 | 0 | \$0.00 | | | \$0.00 |
| 102 | Engineering coordination communications, additional submittals | 1021 | Engineer | \$90.00 | 10 | \$900.00 | | | \$900.00 |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | | \$0.00 |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | \$0.00 |
| 105 | Coordination of Crafts | 1140 | Foreman | \$57.75 | 0 | \$0.00 | | | \$0.00 |
| 106 | | 1138 | Draftsman | \$60.00 | 0 | \$0.00 | | | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | | \$0.00 |
| 108 | Labor welder and Inter-2 hours per pump, 14 pumps | 1078 | Craftsman | \$54.13 | 28 | \$1,515.64 | | | \$1,515.64 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | | \$0.00 |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | \$28.00 | 0 | \$0.00 | | | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | \$0.00 |
| 116 | | 4319 | Training | \$80.00 | 0 | \$0.00 | | | \$0.00 |
| 117 | | 4320 | Training | \$35.00 | 0 | \$0.00 | | | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 | | | \$0.00 |
| MANDAY IMPACT | | | | 4.75 | | Total Labor | 38 | | \$2,415.64 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|--------------------------------|-------------|------|----------------|---------------|-------|-------------------|--|--|---------------|
| # | Description | Name | Type | | Mult. | Price | | | |
| 201 | | | Electrical | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| 202 | | | Mechanical | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| 204 | | | Civil | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | \$0.00 | | | \$0.00 |
| Total Subs Cost | | | | \$0.00 | | Total Subs | | | \$0.00 |

| | | |
|--|--|--|
| Comments: Estimating Manager Approval _____ Date: _____ Engineering Manager Approval _____ Date: _____ | | Total E.P.M \$2,508.14 Total Labor \$2,415.64 Total Subs \$0.00 Travel \$0.00 Factory Training \$0.00 Freight \$0.00 Permits \$0.00 Carrying Cost (days) \$0.00 Bonding \$0.00 TAX @ 0.00% \$0.00 TOTAL \$4,923.78 TOTAL + Retainage Comp @ 0.00% \$4,923.78 Additional TOTAL MARK-UP SALES PRICE \$4,923.78 |
|--|--|--|

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:21 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Fw: Change Order 6A

Tom and Mark,

Attached is Change Order 006 Rev A on the hand operated water draw off pumps and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost was to be determined as this represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

Additional Feight Charges and Handling Fees

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 4,500.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

| | |
|----------------------------|----------------|
| <u>R. Hornandez</u> | <u>9/28/05</u> |
| Thielsch Engineering, Inc. | Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost was to be determined as this represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

TOM- WILL NEED INVOICES ON PUMPS.

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

Additional Feight Charges and Handling Fees

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **4,500.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
| Town of Addison | Date |

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change OrderFor requested change to Provide AvGas and Jet A Sampling Connection05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the Town to provide a sampling connection in the AvGas and Jet A tank water draw-off piping, between the hand pump and the waste tank, this task has added to the scope of work on the project. The additional cost of construction has been determined as this represents a change to the original bid package.

The Burns & McDonnell trip report, dated 12-19-05 and covering the site visit of 12-16-05 reads:

4. **AvGas sampling connection.** The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch, the hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.

Subsequent to the transmittal of a change order to cover the cost of the four AvGas tanks (numbers 3, 8, 9, and 11), the request was made by Luis Elguezabal (WGI) to provide sampling connections on the remainder of the tanks. The sampling connection on the hand pumps for the Jet A tanks is slightly different than the AvGas tanks—the Jet A tanks require the hand pump to be rotated about 5 degrees so that the vertical piping—already installed—will not interfere with the new sample connection. The Jet A tanks require the addition of a nipple, a 45 degree ell, another nipple, and a 3/4" ball valve; the AvGas tanks require the addition of a nipple, the 3/4" ball valve, and another nipple. These sampling connections are made on the south side of the pumps.

A flexible hose, with nozzle, will be attached to the end of the sampling connection; that nozzle is placed in the slot provided on the north side of the pump when sampling is not taking place. The hose is approximately 8' long, and is attached to the sampling connection with a 3/4" coupling; the costs for the

hose and nozzle are not shown on the change order, as they were included with the original purchase of the hand pumps.

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$3410.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add AvGas Sampling Connection

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Thursday, February 02, 2006

Sale Price \$3,410.00
Total Costs \$3,286.86
Gross Margin % 3.61%
Gross Profit \$123.14

CCR-026 - AvGas Sampling Connection-Revision B

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|--|--------|---------|--------------------|----------|--------------|-------|----------|
| 1 | 3/4" x short black assembly carbon steel threaded nipple | | America | \$1.10 | 4 | \$4.40 | 1.15 | \$5.06 |
| 2 | 3/4" Sharp carbon steel Ball Valve, threaded | | America | \$48.00 | 4 | \$192.00 | 1.15 | \$220.80 |
| 3 | 3/4" carbon steel pipe couplings | | America | \$2.80 | 4 | \$11.20 | 1.15 | \$12.88 |
| 4 | 3/4" x 3" nipple black assembly carbon steel, threaded | | America | \$1.00 | 4 | \$7.20 | 1.15 | \$8.28 |
| 5 | | | | | | | | |
| 6 | 3/4" Sharp carbon steel Ball Valve, threaded | | America | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | 3/4" x short black assembly carbon steel threaded nipple | | America | \$48.00 | 16 | \$480.00 | 1.15 | \$552.00 |
| 8 | 3/4" 300W carbon steel threaded 45 degree elbow | | America | \$1.10 | 10 | \$11.00 | 1.15 | \$12.65 |
| 9 | 3/4" carbon steel pipe couplings | | America | \$4.88 | 10 | \$48.80 | 1.15 | \$55.88 |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| | | | | Total E.C.M. Costs | \$762.40 | Total E.C.M. | | \$699.76 |

Thielsch Engineering LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | |
|-----|---|------------------------------------|---------------|------------|--------------|------------|------------|
| 101 | Provide sampling connections on AvGas Tanks | 1093 Project Manager | | \$0.00 | 0 | \$0.00 | |
| 102 | (Numbers 3, 6, 11, and 14) | 1021 Engineer | | \$0.00 | 0 | \$0.00 | |
| 103 | Provide sampling connections on Jet A Tanks | 1108 Tech. Engineer | | \$0.00 | 0 | \$0.00 | |
| 104 | (Numbers 1, 2, 4, 6, 7, 9, 10, 12, and 13) | 1105 Superintendent | | \$0.00 | 0 | \$0.00 | |
| 105 | Robert Martinez | 1140 Foreman | | \$57.75 | 4 | \$231.00 | |
| 106 | | 1138 Draftsman | | \$0.00 | 0 | \$0.00 | |
| 107 | | 1111 Welder-Pipe | | \$0.00 | 0 | \$0.00 | |
| 108 | | 1078 Pipefitter | | \$0.00 | 0 | \$0.00 | |
| 109 | | 1052 Craftsman | | \$0.00 | 0 | \$0.00 | |
| 110 | Hector Saenz and Mary Martinez - period 12-20-05 through 1-5-06 (AvGas) | 1043 Mechanical-helper | | \$54.13 | 42 | \$2,273.48 | |
| 111 | Two people twenty one hours each, for fourteen total sample connections | 1112 Structural Welder | | \$0.00 | 0 | \$0.00 | |
| 112 | The majority of this work takes place on the top of the west side of the storage tanks, where the draftsman are required to utilize fall protection | 1052 Structural Welder- Journeyman | | \$0.00 | 0 | \$0.00 | |
| 113 | | 1113 Welder-Helper | | \$0.00 | 0 | \$0.00 | |
| 114 | | 1084 Laborer / Millwright | | \$0.00 | 0 | \$0.00 | |
| 115 | | 1043 Shop Weld Labor | | \$0.00 | 0 | \$0.00 | |
| 116 | | 4319 Training | Engineer | \$0.00 | 0 | \$0.00 | |
| 117 | | 4320 Training | Tech | \$0.00 | 0 | \$0.00 | |
| 118 | | 1008 Documentation Coord. | | \$0.00 | 0 | \$0.00 | |
| | | | MANDAY IMPACT | #DIV/0! | Total Labor | 48 | \$2,504.48 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price |
|-----|-------------|------|----------------|-----------------|--------|
| 201 | | | Electrical | 1.15 | \$0.00 |
| 202 | | | Mechanical | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 |
| 204 | | | Civil | 1.15 | \$0.00 |
| 205 | | | Gen. Services | 1.15 | \$0.00 |
| 206 | | | Support Groups | 1.15 | \$0.00 |
| 207 | | | Riggers | 1.15 | \$0.00 |
| 208 | | | Equipment | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | 1.15 | \$0.00 |
| | | | | Total Subs Cost | \$0.00 |

Comments:

| | |
|--------------------------|------------|
| Total E.P.M | \$899.76 |
| Total Labor | \$2,504.48 |
| Total Subs | \$0.00 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 0 |
| Bonding | \$0.00 |
| TAX @ | 0.00% |
| TOTAL | \$3,404.22 |
| TOTAL + Retainage Comp @ | 0.00% |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$3,404.22 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, February 02, 2006 3:23 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: CCR-026--AvGas/Jet A Sampling Connection--Revision B

Tom and Mark,

Attached is Revision B to the subject change order. An error was made on the 3/4" ball valve count for the Jet A tanks; that error has been corrected on this revision. We apologize for the error.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For requested change to Provide AvGas Sampling Connection

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the Town to provide a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank, this task has added to the scope of work on the project. The additional cost of construction has been determined as this represents a change to the original bid package.

The Burns & McDonnell trip report, dated 12-19-05 and covering the site visit of 12-16-05 reads:

4. **AvGas sampling connection.** The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch, the hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.
2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$790.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add AvGas Sampling Connection

Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 26, 2006 8:57 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: CCR-026 AvGas Sampling Connection

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-026--AvGas Sampling Connection; this requested change was identified in the Burns & McDonnell Trip Report dated 12-19-05, covering the site visit of 12-16-05. The supplier of the materials is Ameripipe. If there are any additional questions, please advise.

The Burns & McDonnell Trip Report is also attached as reference.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thiensch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Thursday, January 28, 2008

Sale Price **\$780.00**
Total Costs **\$757.14**
Gross Margin % **4.16%**
Gross Profit **\$32.86**

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|--|---|--------|----------|---------------------------|-----------------|---------------------|-------|-----------------|
| 1 | 3/4" x 60" black seamless carbon steel threaded nipple | 14 | American | \$1.00 | 4 | \$4.40 | 1.15 | \$5.06 |
| 2 | 3/4" Sharpe carbon Metal Ball Valve, threaded | 14 | American | \$48.00 | 4 | \$182.00 | 1.15 | \$220.80 |
| 3 | 3/4" carbon steel pipe caps | 14 | American | \$1.60 | 4 | \$6.40 | 1.15 | \$7.36 |
| 4 | 3/4" x 3" nipples black seamless carbon steel, threaded | 14 | American | \$1.45 | 4 | \$5.80 | 1.15 | \$6.67 |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| | | | | \$28.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Thiensch Engineering LABOR SERVICES | | | | Total E.C.M. Costs | \$208.80 | Total E.C.M. | | \$239.89 |

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|--------------------------------|---|------|-------------------------------|--------------------|--------------|-----------------|
| 101 | Provide sampling connections on AvGas tanks | 1083 | Project Manager | | 0 | \$0.00 |
| 102 | Numbers 5, 6, 11, and 14 | 1021 | Engineer | \$0.00 | 0 | \$0.00 |
| 103 | | 1109 | Tech, Engineer | | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | \$0.00 | 0 | \$0.00 |
| 105 | Robert Martinez | 1140 | Foreman | \$9.00 | 0 | \$0.00 |
| 106 | | 1138 | Craftsman | \$57.75 | 2 | \$115.50 |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | \$0.00 | 0 | \$0.00 |
| 109 | Hector Saenz and Mary Martinez - period 12-20-05 through 1-5-06 | 1052 | Craftsman | \$0.00 | 0 | \$0.00 |
| 110 | Two people four hours each, for four barrete connections | 1043 | Mechanical-helper | \$54.13 | 8 | \$433.04 |
| 111 | | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | \$0.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 |
| 116 | | 4319 | Training | \$0.00 | 0 | \$0.00 |
| 117 | | 4320 | Training | \$0.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$0.00 | 0 | \$0.00 |
| SUB CONTRACTOR SERVICES | | | | Total Labor | 10 | \$548.54 |

| # | Description | Name | Type | Mult. | Price |
|------------------|-------------|------|----------------|------------------------|---------------|
| 201 | | | Electrical | 1.15 | \$0.00 |
| 202 | | | Mechanical | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 |
| 204 | | | Civil | 1.15 | \$0.00 |
| 205 | | | Gen. Services | 1.15 | \$0.00 |
| 206 | | | Support Groups | 1.15 | \$0.00 |
| 207 | | | Riggers | 1.15 | \$0.00 |
| 208 | | | Equipment | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | 1.15 | \$0.00 |
| Comments: | | | | Total Subs Cost | \$0.00 |

| | |
|---------------------------------------|----------|
| Total E.P.M | \$0.00 |
| Total Labor | \$239.89 |
| Total Subs | \$548.54 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | \$0.00 |
| Bonding | \$0.00 |
| TAX @ 0.00% | \$0.00 |
| TOTAL | \$788.43 |
| TOTAL + Retainage Comp @ 0.00% | \$788.43 |
| Additional TOTAL MARK-UP 0.00% | \$0.00 |
| SALES PRICE | \$788.43 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

**Addison Airport
Bulk Fuel Storage and Dispensing System**

Trip Report

Trip of 12/16/05

Summary

On Friday December 16, 2005, a trip to the project site was made by John Bagnall, Mechanical Engineer and Fuel System Specialist with Burns & McDonnell. The purpose of this trip was to observe and inspect construction progress. A joint construction walk-through was conducted by John Bagnall with Tom Cobb and Larry Day of Washington Group. Observations and recommendations are described below.

Observations and Recommendations

1. Raised face vs. flat face flanges. It was observed that raised face flanges were mated to flat face flanges in a number of locations, utilizing spiral-wound gaskets. The specifications (Section 13061, paragraph 2.05.B) require that flange facings match, e.g. raised face to raised face or flat face to flat face. This is considered a potential problem using spiral-wound gaskets as these gaskets have been observed to come apart (fail) on other projects with dissimilar mating flanges. As a minimum in this case, the gaskets should be replaced with a full face flexible graphite (grafoil) composite type gasket. This applies to anywhere raised face flanges are mated to flat face flanges including the following:
 - a. Both ends of pump flex connectors (2 flex connectors per pump, one gasket each side – 4 locations per tank).
 - b. Both ends of ductile iron control valves (3 valves each tank, one gasket each side – 6 locations per tank).
 - c. Both sides of loading control valve orifice plate (1 valve each tank, one gasket each side of orifice plate – 2 locations per tank).
 - d. Hose connecting flange (2 hoses per tank, one gasket each – 2 locations per tank).

This was discussed with Thielsch in field.

2. Waste tank pump-out. It was observed that at least one of these pump-out lines had been installed, with an "inverted-u" in the piping near where the vacuum truck would connect (east side). This arrangement would make it more difficult to pump out the waste tank as air would potentially be trapped in this piping. One "inverted-u" already will exist at the waste tank connection piping – another is not considered acceptable. Inverted-u at the east side should be eliminated, with camlock hose

Burns & McDonnell
December 19, 2005

connection located within the tank containment area and slightly below the unloading hose rack. This was discussed with Thielsch in field.

3. Drain connection on fuel issue piping. A drain connection including threadolet, elbow, nipples and ball valve is present beneath the east-west oriented fuel issue pipe before the pipe leaves the tank containment area (west end). This drain piping assembly was observed to be parallel to the pipe run, directly underneath the issue pipe in almost every case. This is not considered adequately accessible for maintenance connection – drain pipe should be rotated such that drain connection is not directly below issue pipe. Rotate in direction opposite stair/walkway to prevent tripping hazard. This was discussed with Thielsch in field.
4. AvGas sampling connection. The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch. The hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.
5. Tank vents. All normal tank vents were specified to be equipped with pressure/vacuum vents (Section 13201, paragraph 2.02.J.3 and Section 13204, paragraphs 2.02.G.1 and 2.06). Only rain caps were observed on these vents – P-V vent assemblies shall be installed on all normal tank vents.

Construction Contract Revision**05-02 Bulk Fuel Storage and Dispensing System**

This is a Construction Contract Revision CCR-029 (Change Order) to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** ("Thielsch" or the "Contractor") and the **Town of Addison** ("TOA" or the "Principal"). Thielsch requests additional compensation for significant issues affecting Contractor costs and schedule:

- Inadequate design details at onset of construction;
- Major equipment layout change during construction;
- Inadequate engineering support through construction and engineering;
- Inadequate drawing and specification details affecting materials takeoffs and deliveries;
- Increased materials requirements affecting construction labor costs and construction schedule;
- Burdensome and costly change order process; and
- Slow response from Engineer regarding inputs required to maintain construction budget and schedule—requests for information, clarification of installation details, change order resolutions, etc.

Furthermore, Thielsch believes key documents required for construction and/or support of start-up commissioning were incomplete or significantly late at the time of their delivery to Thielsch. These documents included:

- Project specification;
- Engineering drawings;
- Start-Up Manual;
- Operations Manual;
- Commissioning Plan w/details; and
- Project Communications.

Accordingly,

1. Thielsch believes that the following events and conditions led Thielsch to incur costs in excess of those anticipated under the original contract and caused Thielsch to incur additional time to execute the project.
 - a. Changes to project not incorporated into specification or engineering drawings. The following significant design changes were reported in Addendum 2 of the Specification, dated November 23, 2004:
 - 1) Change in pump type from Gorman-Rupp centrifugal to Blackmer positive displacement;

Comment: These changes were part of the addendum. A responsible bidder would have included the changes in his bid. The contractor should account for any additional risk the bidder feels is there in his bid.

- 2) Provide fusible link, spring-to-close, emergency shutoff valves (ball or butterfly) in tank fill and suction piping; and
- 3) Filter separator capacity for AvGas system should be increased to 200 gpm and floating suction size for AvGas tanks shall be increased to 4-inch from previous 3-inch.

In addition to these changes, Thielsch identified a number of significant issues outstanding just prior to the Notice to Proceed which would be incorporated into project specification and engineering drawings. A number of these concerns were documented in the e-mail ("Open Issues at Start of Construction") of March 17, 2005—R. Normandeau (TEI) to M Acevedo (TOA), with copies to other TEI, Burns & McDonnell, and WGI personnel. Correspondence from Mark Acevedo (TOA) to Neil Rood (WGI) of March 18, 2005 indicated that the open issues would be resolved....."....I authorized Sam to go forward with revised drawings at an additional cost of \$6,000. These revised drawings would include the changes discussed to achieve project savings. We all left that meeting with the idea that we would have the drawings by Friday March 11, with the hopes of issuing a notice to proceed given the beginning of this week. I can not and will not issue a notice to proceed until the issues are resolved. Neil the longer we wait to issue the notice to proceed, construction costs continue to rise. I need to get these issues resolved and start this project." These issues included the issuance of dimensioned drawings for equipment and piping layout. Thielsch was assured that the issues identified in that e-mail would be incorporated into specification and drawings as requested. In fact, the drawings did receive minimal revisions, but did NOT incorporate the requested changes—e.g. dimensioned pipe routings did not happen; horizontal filter separators versus vertical filter separators did not happen; Liquid Controls aluminum flowmeters, instead of double steel wall Smith flowmeters, did not happen; additional butterfly valves were added without prior acknowledgement that they were needed; and, revision bubbles showing the changes were not specific but encircled all the lines on the conduit and cable schedules. Index A—Addison Drawing Index (attached)—reflects the drawing revisions that existed at the onset of construction.

- b. There are additional examples of information which was to be clarified due to vague and incomplete answers. Responses to bidders' questions were vague and incomplete. Examples included:

- 1) "There don't seem to be any "unions" in the small ¾" and 1" returns; should we place some in the system?"—Answer: Provide where necessary per paragraph 13061, 3.02G (which reads—"provide threaded unions where indicated and as required elsewhere to permit satisfactory

disassembly of small bore piping for threaded valve and equipment maintenance”;

2) “What is and where are the specs for the floating suction w/foot valve assembly as shown?”—Answer: If foot valve cannot be obtained with floating suction arm, provide check valve in suction piping internal to tank. Also, provide anti-siphon valve on tank nozzle, a Cla-Val or approved equal. If the anti-siphon valve can act as a check valve, then the check valve in suction piping is not required;

3) “Is there a detail drawing of the 25,000 gallon MoGas/Diesel tank showing piping valves, filters, etc.?”—Answer: It is the intent for the gasoline/diesel tank and dispensing system to be provided as a package from a single supplier. This includes all connected piping/valves/filters, etc.;

4) “Is there a listing of location of tank nozzles for MoGas/Diesel?”—Answer: See response to question above regarding MoGas/Diesel tank;

5) “There is a detail for a “pipe support” shown on plan page 29; however, there is no support schedule shown and no specification for this item. Please clarify.”—Answer: Pipe supports are specified in Section 13061. Contractor to locate per specifications (Section 13061 reads—Support design and location shall be as indicated and as otherwise required by the piping/equipment layout chosen. Refer to Section 13051); (Section 13051 reads--Contractor shall locate and provide supports for piping in accordance with specified Codes and Standards; Contractors shall provide additional support as required due to changes in the pipe routing or equipment supplied; Make adjustments after systems are placed in operation.);

6) “Specification 13201, nozzles for tanks do not match drawings.”—Answer: Not all nozzles have been indicated on drawings but are covered in specifications;

7) “No details or drawing for tank vents?”—Answer: This was not considered necessary—industry standard arrangement;

8) “There is a statement on page 155, Section I on testing of the spec book that holds the contractor responsible for design problems. Please clarify.”—Answer: Not interpreted as described. Contractor will be responsible for installation, not design.

These questions and responses indicate that the Engineer was not providing sufficient information to properly execute the construction phase of the project; it was these types of questions that led to the March

17, 2005 e-mail mentioned in (a.) above. A critical Engineering omission affecting construction was the failure to provide dimensioned drawings.

- c. Critical design omissions/changes after the construction project was underway. To meet the overall project schedule, improve productivity, and meet budgeted labor costs included for the bid, the 3" and 4" piping was pre-fabricated by Thielsch in a weld/fabrication shop in Corpus Christi, TX--while the tanks were simultaneously being fabricated in Pennsylvania. By June 29, 2005—with four (4) full months of the seven (7) month schedule remaining—all of the fuel storage tanks had been placed in position. Consistent with the construction plan developed during the bidding process, the spool pieces and assemblies were transported to the Addison project site when the field welding crew mobilized to the site. Within days of mobilizing at the site, the Contractor was advised by the engineer of a significant change to equipment layout, including the relocation of the filter separator from the west side of the tanks to the east side of the tanks. This equipment layout change meant that almost all of the pre-fabricated pipe spools were fabricated for naught because the pipe routings on both ends of already positioned tanks were significantly altered. A change order was written (CCR-010) to attempt to cover the cost impact of this change, but the costs and schedule impact were underestimated in that change order. The impact of that single significant change was as follows:

Comment: If the contractor provided the cost quote for the Change Order, then it is the contractor's responsibility to effectively estimate cost. No additional compensation related to an approved change order is available unless conditions pertaining to the approved Change Order change.

- 1) The piping spools that had already been completed in the shop, in anticipation of the original equipment layout, had to be redone—the labor and consumables associated with those shop welds were lost; much of the fittings and pipe that had been cut to within inches of the design length required substantial re-cutting, re-prepping, and re-welding—and/or new fittings and pipe had to be ordered and received to replace them, with new welds made;
- 2) The efficiency of shop fabrication was lost—field conditions resulted in less productivity and efficiency of the welders;
- 3) The cost of the welders in the field was significantly greater than the welders in Corpus Christi; and
- 4) The confusion in trying to find spools that could be salvaged or at least partially salvaged severely impacted productivity and efficiency. All the tasks had to be juggled when the change to equipment layout was communicated to the field. As a result, additional Thielsch project management and supervision was required.

- d. Equipment layout was unreasonably and unnecessarily cramped—leading to work productivity issues during construction phase. Based on the scale provided on the drawings (1" = 10', drawing 6 of 33), the design distances versus the actual distances were as summarized below:

| | <u>Design</u> | <u>Actual</u> |
|--|---------------|---------------|
| <i>North/South between the tanks</i> | 52.5" | 53" |
| <i>Inside of West curb and west end of tanks</i> | 112.5" | 46" |
| <i>Inside of East curb and east end of tanks</i> | 82.5" | 87" |

The original (basis of bid) layout had the filter separator on the west side of the tank. Engineer redesigned equipment layout to move the filter separators to the east side of each tank—*after the tanks were already set in place and pipe had been fabricated.* This modified equipment arrangement resulted in a very cramped area for equipment placement, and for the connection of the piping and instrument/electrical. This cramped condition resulted in a significant loss of productivity for the construction activities—since so much of the equipment was installed, and required to be connected, on the east side of the tanks. Moreover, Thielsch was instructed to undertake this modification but not provided dimensioned drawings for execution. This productivity impact also was felt during the construction testing phase of the project, as the filter elements for the filter separator were installed for the flushing sequence and as the operational filter elements were installed for the Commissioning activities. Some members of the FBOs commented during site visits that there was very little room to access, operate, or maintain the valves and equipment. This equipment arrangement problem was a direct result of incomplete engineering at the onset of construction, and lack of Engineering presence during the construction phase.

- e. Personnel Turnover for Engineer/Owner—The major stakeholders in the project were: a) WGI as Engineer; b) Town of Addison as owner; and c) Thielsch. Page 51 of the Project Specifications—Section 01000-Summary—lists the Owner's Representative and Project Engineer as Jim Pierce, P.E., Assistant Public Works Director. When Mr. Pierce left the project on 2-18-05, the Town failed to provide a replacement with comparable experience and project knowledge. In addition to the loss of the Owner's Representative, there was a significant turnover in the

Engineer's staffing. During the course of the project, three (3) different project Engineers were assigned management responsibility for the project by Washington Group—Sam Lundgren, Tom Cobb, and Kevin Davis. In addition to the slow, late or absence of design information, such as the dimensioned drawings, basic—and necessary—project communication issues failed to be addressed in a timely manner: a) weekly meetings—agenda, detailed minutes, and follow-up; b) inspection of ongoing construction activities by the Town, and by the Engineer; c) resolution of change orders; d) scheduled release date for Startup Manual; e) scheduled release date for the Operations Manual; e) scheduled release date for Commissioning Plan; etc.

- f. Engineering support at the site was virtually non-existent throughout the Construction phase. Field engineering questions had to be deferred to the Engineer's office in Denver, CO resulting in loss of efficiency for the Contractor's supervisory staff and for the Contractor's field labor. A notable example of this problem was the relocation of the filter separator. When the Engineer alerted the Contractor that the equipment needed to be moved, no drawings were provided. Engineer requested Thielsch assistance in implementing design change. As a result, the task of establishing the new equipment arrangement fell to the Contractor. This required the construction manager and field superintendent to defer all other ongoing field activities to prepare templates, lay out the equipment, take digital photographs, and communicate with/seek approval from the Engineer remotely—since the Engineer did not visit the site even for this major field change. The consequence of this change was a loss of productivity for the Contractor's field supervision and field labor. To keep the project advancing, the Contractor was required to accept the burden of design engineering and project management. Other examples of imposing the burden of engineering design and project management on the Contractor included:

- 1) Design of pump base supports;
- 2) Resolution of the issue regarding the discharge of the oil-water separator;
- 3) Resolution of Fire Detection System revisions (add four (4) flame detectors);
- 4) Propose design of floating suction connections on the tanks;
- 5) Establish installation details for Cla-Val High-Level cutoffs. It wasn't until the Cla-Val high level control valves were received that the requirement for the significant stainless steel tubing runs, necessary for the valves to function properly,

became clear. It was not only required to connect tubing from the discharge side of the fuel pumps to the Cla-Val on the top of the tanks, it was necessary to drill a hole through each 24" manway cover and install leak-tight bulk head fittings in order to install the float assemblies in the tanks;

- 6) Design, and submit for engineering approval, vent line supports for 2" vent lines from waste tanks;
- 7) Design, and provide installation details, for MoGas/Diesel tank and dispensing system;
- 8) Coordinate fence design revisions so the fence would meet TXDOT standards, etc.

g. Slow resolution of field questions and Requests for Information (RFIs).
The most notable examples include:

- 1) landscaping plans;
- 2) oil/water separator discharge elevation resolution;
- 3) air conditioner required for satisfactory operation of MCC;
- 4) vent sizing for storage tanks;
- 5) installation of additional Siemens fire detectors;
- 6) auto-dialer for fire alarm;
- 7) cost and responsibility for GasBoy dispensing system;
- 8) floating suction details;
- 9) adequacy of transfer pump suction head;
- 10) commissioning plan details; etc.

h. Change order process implemented post-project award. There was no provision for change orders incorporated in the project specification. Subsequent to the notice to proceed and beginning of construction, TOA and engineer implemented a change order process which required:

- 1) individual change orders to be originated by Contractor, requiring significant documentation and detail;

Comment: Do we have a copy of the Change Order implementation letter? Did the contractor agree to the process in writing? Was this done as part of the Notice to Proceed? If so, does the act of beginning work insinuate that the contractor is in agreement with the process?

- 2) individual change orders to be submitted, reviewed and approved;
- 3) the dollar sum of the approved change orders to be reviewed and approved by the Town Council; and

4) steps 1 through 3 to be completed before releasing payment on even the first change order submitted. The impact of this procedure was additional administrative burdens on the Contactor, along with the requirement for the Contactor to fund all the change orders throughout the course of the project—including the filter separator relocation that was required within days of mobilization of the Contactor's mechanical crew. The process was arbitrary and inefficient and imposed burden on Thielsch even when the request was initiated by Engineer or TOA.

- i. Change order requirements required excessive engineering and clerical support, after work was completed. A 5" binder of change order information was developed by the Contractor and brought to the 2-6-06 change order review meeting. There was no sense of urgency by TOA or WGI to resolve change orders; TEI was presented with a single sheet of paper at the 2-6-06 change order meeting. The Engineer's backup information—provided when requested at the meeting—was dated 11-29-05, but was never shared with TEI until February 6, 2006. This was indicative of the lack of communications from the Engineer to the Contractor, and the willingness by the Owner/Engineer to allow the Contractor to fund all of the change orders. In several cases, unreasonable requirements were imposed on the Contractor for particular change orders to even be considered. Notable examples of these change order process issues included:

- 1) the oil-water separator issue, where critical schedule days were consumed requesting assistance from the Engineer and describing alternatives engineered by the Contractor—until the Contractor developed a simple solution (thousands of dollars less expensive than the Engineer's proposed solution) to accommodate the outlet elevation of the OWS;

- 2) the MCC air conditioner, where critical schedule days were consumed explaining why an air conditioner was a necessity, and describing alternatives engineered by the Contractor and their electrical subcontractor—until Siemens (fire protection group) finally made it clear that their equipment would not be warranted unless or until the air conditioning unit was installed. This was a particularly disappointing example because of the following:

Comment: How were the Change Order items engineered by the contractor after the work was completed? If the contractor is speaking of engineering he had to perform to accomplish the change order work, then these costs should have been accounted for in the change order proposal. No additional compensation should be available.

- a) the Contractor and subcontractor invested a great deal of time to develop, present—and defend—solutions to the problem;
- b) Siemens equipment was damaged by the lack of an air conditioner;
- c) resumption of Commissioning activities in June was impacted by the lack of an air conditioner—as the heat affected the MCC transformers and fuses; and
- d) the AC was ultimately installed anyway—six months after it was recommended by the Contractor--and TOA paid Siemens directly, thus circumventing the change order process and not compensating Thielsch.
- j. During the 2-6-06 change order review meeting with the Engineer, the Engineer's representative stated that the job was a "Design/Build" contract and that any omissions in the engineering package were the responsibility of the Contractor. It was further reported, in the 2-6-06 meeting minutes..... John Bagnall, representative of design engineering subcontractor for WGI, responded to a question that the project was a performance specification, and a performance plan, and that it was *our* (TEI's) responsibility to make the equipment we purchased work. Although this assertion is consistent with collective behavior during the project, this assertion was inappropriate and inconsistent with the project specification--which calls for the Contractor to complete the construction and the Engineer to comply with Engr. Responsibilities called for on pages 55 through 57 of the Specification (Section 01810).
- k. Consistent with all construction projects, the cost of changes in the Construction phase is orders of magnitude greater than the cost of changes in engineering phase. Actual Thielsch monthly expenses—Engineering, Craft Labor, and Per Diem—are summarized in Attachment A. The major cost and schedule impacts have been described above:
- 1) TOA/WGI commitments to provide additional design information, as summarized in the March 17, 2005 e-mail described in point (a.) above, were not met;
 - 2) Owner/Engineer presence—and decision-making--during the construction phase was suboptimal, because of key personnel turnover and absence, and limited availability of engineering personnel;
 - 3) lack of presence of Engineer in the field, imposed design and project engineering burden on contractor;

Comment: Section 01810 of the specifications speaks about General Commissioning Requirements. It in no way addresses the question as to whether this is a "Performance Specification" or not. The specification referenced is irrelevant to the argument being made in this paragraph.

Comment: Do we have a copy of this email?

4) filter separator equipment change resulted in significant loss of field labor efficiency, increased cost, and schedule impact; and

5) lack of detail in drawings resulted in increased materials and labor costs in construction phase.

- l. Lack of engineering detail resulted in the requirement for considerably greater quantities of materials to be purchased in the field, as compared to the bid assumptions. The impact of this lack of detail in the drawings and specifications resulted in much higher than expected material purchases, and much higher than expected labor costs—which are a direct function of the quantity of the materials installed in the field. The Contractor was unable to recognize the total project materials requirements because of the lack of detail in the engineering drawings and specification which required individual equipment components to be set in place and tie-ins to be underway prior to establishing material take-offs.

Comment: The contractor knew of this lack of detail when bidding the project. A responsible bidder includes money in the bid to cover any perceived risk.

- m. Startup Manual provided to Thielsch late in the construction phase. The Startup Manual was issued 11-15-05—nearly eight months after the Contractor received the Notice to Proceed. The Startup Manual is intended to set expectations regarding mechanical and electrical testing, and outlines the responsibilities regarding construction testing and commissioning. The manual is yet another tool to ensure a smooth project flow—a tool that was delivered very late in the project.

Comment: Do we have a copy of the Start Up Manual?

- n. Late receipt (3-17-06) of incomplete Operations Manual; this document is intended to provide guidance to the FBOs in the safe operations of the equipment, and set expectations and guidelines regarding Commissioning activities. The manual was not issued to the Contractor until a formal request was made by the Contractor—subsequent to attempting to Commission the fuel farm—in March of '06. The Startup Manual lacks specific details regarding the equipment installed, and none of the drawings included in the manual are dated. The Startup Manual serves as an example of less-than-optimum communications by the Engineer, and insufficient site presence by the Engineer.

Comment: The Operations Manual is typically intended for the Owner's use.

Comment: Are they talking about the Start Up Manual or the Operations Manual?

- o. Late receipt of incomplete and inaccurate Commissioning Plan and Schedule. The first version of the Commissioning Plan and Schedule was issued 4-5-06—after demobilization by the Contractor, and after attempting to commission the equipment in March. The Commissioning Plan and Schedule is intended to ensure a smooth transition from construction, to startup and operations. There were a number of shortcomings with the Commissioning Plan; these are summarized as follows:

Comment: Do we have a copy of the Commissioning Plan? We need to verify when it was issued.

- On 5-31-06, the document was issued as Revision 02 and titled Commissioning Plan; the 6-5-06 version is issued as Revision 01 and titled Commissioning Schedule.
 - The 6-5-06 version stated that no comments had been received on earlier versions. However, TEI provided comments on these documents and the Fill Summary Matrix. These comments were: a) MoGas/Diesel was not considered; b) Tank 14 was listed as both AvGas and Jet A; and c) MoGas/Diesel should be delivered earlier in the Commissioning schedule. TEI also stated that commissioning could be completed in six days, instead of seven days.
 - The 6-05-06 version showed the first tank being filled as Tank #1. However, that was changed to Tank #2 because Tank #1 had still not been cleared of fuel from the March '06 activities; clearly, the status of Tank #1 was known when the schedule was developed.
 - The 6-05-06 version called for possibly removing the 24" manway for access to the floating suction; TEI was able to identify an easier access which required only the removal of a four inch flange.
 - Throughout the 6-5-06 version, there was never a mention of priming the pumps--an activity that physically taxed the Contractor personnel.
 - During the meeting of 5-17-06, TEI repeatedly requested a contingency plan related to problems anticipated with the dispensing of fuel. B&M personnel were present until about 2:00 PM on 6-8-06 and not present again until 6-13-06. Perhaps a more timely response to the problems that were actually experienced could have been provided if the B&M representative would have been available for more than one day, and/or if another B&M representative had not been required to travel to the site four days after the problem was first observed.
 - The Engineer requested a minimum of four (4) craft labor to support commissioning. The tasks were completed ahead of schedule with one (1) craft person.
- p. Minimal cooperation from WGI to coordinate vendor support in a timely manner. The key elements for Commissioning, as indicated in the 5-17-06 meeting minutes, are: 1) fuel; and 2) key vendor support (Cla-Val). When the Contractor was attempting to commission the equipment in March—

Comment: We need to discuss in detail how this actually happened. How was the contractor commissioning prior to the issuance of the commissioning plan? Was there not enough fuel or was the check valve not holding a prime at that time?

having secured the services of the Cla-Val representative—WGI/TOA was unwilling to provide adequate fuel to support the commissioning activities. The services of the Cla-Val representative were lost, and the Contractor was forced to return to the site in June—at considerable additional expense. The Owner and Engineer did not accept, or adequately discharge, their responsibilities for leading the Commissioning activities, as called for in Section 01810 of the Specification. The June 16, 2006 letter from WGI (Kevin Davis) to TOA (Mark Acevedo)—Status of Commissioning Addison Airport Fuel Farm—indicated that “The most significant deficiency listed above is item No. 1”, and item No. 1 reads....”The pumps did not pump fuel with just the push of the “start” button the majority of the time. After one pumping cycle, the loss of prime was experienced requiring the addition of 15 to 30 gallons of fuel to the 4-inch suction line at the top of the tank”. This problem, documented on June 16, was first experienced the week of March 13; a period of fourteen (14) weeks, or 98 days, had lapsed in a project that had originally been forecast to take thirty (30) weeks. These Commissioning delays are indicative of the lack of a sense of urgency on the part of TOA/WGI.

- q. Ribbon Cutting Ceremony of 12-2-05 resulted in mobilization and demobilization costs, loss of productivity, additional site cleanup costs, and ongoing cost of site presence (utilities, equipment rentals, etc.). The summary of monthly expenses for Contractor site presence is provided in Attachment B. Although the Contractor absorbed the cost and productivity impact of the work interruption, the only offset offered was extra days on the schedule; no provision was made for mobilization/demobilization or loss of field labor efficiency caused by the construction interruption.
- r. TEI completed pressure testing of piping systems and storage tanks, and flushing of piping systems in early March. The preliminary punch list was not provided until March 25. The timing for the preliminary punch list is indicative of two TOA/WGI practices which greatly impacted the Contractor:

Comment: Was there any discussion of additional cost to the contractor at the time? Does the contract speak to this?

Comment: Was a time claim made at that time? If not, why?

1) Minimal site presence through the course of the Construction phase; a reasonable expectation would have been to have some inspection and feedback on installed equipment, so that issues could be more clearly understood—and resolved—in a timely manner;

2) Failure to recognize that extending the Contractor’s site presence results in a significant cost penalty for the Contractor—consisting of field labor, field supervision, and the daily costs of maintaining a site presence (trailer rental, utilities, phones, internet, restrooms, etc.).

Impact of Most Significant Project Issues on Contractor

- s. Construction activities, with the exception of punchlist items, were completed on Friday March 10; Contractor demobilization occurred on Friday March 17.
- t. Construction activities should have been completed at the end of October 2005—but the factors described as items a through r above extended the schedule a total of 5 months.
- u. Contractor was forced to provide additional engineering personnel to initiate, clarify, or complete engineering in the field.
- v. Contractor was forced to provide additional engineering and administrative time—and accounting and purchasing support--to provide expansive documentation for change order requests.
- w. Contractor funds were unduly held by Owner; Attachment C indicates the cost of the payment delays.
- x. Failure by Engineer to issue the Startup Manual in a timely manner resulted in a lack of coordination/loss of productivity for key subcontractors (Rabalais Electric) and Contractor personnel.
- y. Failure by Engineer to issue the Operations Manual in a timely manner resulted in a lack of definition for Owner and Engineer expectations at Commissioning and Startup.
- z. Lack of coordination of Commissioning activities required additional time and travel expenses by Vendor Support and Contractor personnel.

Comment: The documentation required for change order requests is typical.

Comment: Are we paid up except for Change Order requests and retainage?

Allocation of Cost Increases

| | |
|--|-----------|
| aa. Engineering, Craft Labor, and Per Diem for November '05 through March '06 as indicated in Attachment A: | \$914,963 |
| bb. Additional travel costs to support project extension From November '05 through March '06, From attachment A: | \$ 46,258 |

| | |
|--|-------------|
| cc. Costs for site presence by Contractor for November 2005 to March 2006, as indicated in Attachment B: | \$ 39,000 |
| dd. Impact of Owner's failure to pay invoices in a timely a timely manner, as indicated in Attachment C: | \$ 98,200 |
| ee. Two months of ongoing engineering support costs, by Contractor, to: assist and ensure the completion of the Commissioning plan by the Engineer. This figure is derived from Attachment A—Engineering, Field Labor, Per Diem, and Travel for the months of April and May 2006. The calculation implies that 90% of the ongoing support costs should have been avoided by Thielsch ($0.9 \times \$57,991 = \$52,192$). | \$ 52,192 |
| ff. Additional home office support costs caused by project extension, as indicated in Attachment D —\$11,125 (\$2225/month). | \$ 11,125 |
| gg. Additional materials that could not be identified from the bid package—\$300,000. There were fifteen (15) major product storage tanks—the inability to account for only \$20m worth of materials for each of these 15 storage tanks yields the \$300m total. It's worth noting that overfill valves are \$900 each; butterfly valves are \$340 to \$850 each; a set of filter elements is about \$650/tank; camlock adapters are \$110 to \$350 each; 1" check valves are \$180 each, etc. | \$300,000 |
| Total Costs—Items aa through gg above— | \$1,461,738 |

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of \$ 1,461,738, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
3. Impact to schedule is 219 days—the period between what should have been the end of the construction activities (10-31-05), and the resumption of Commissioning activities (6-08-06).
4. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

Thielsch Engineering, Inc.

Date _____

Town of Addison

Date _____

cc: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

ADDITIONAL COMMENTS:

1. **Section 010001 "General Provisions" reads as follows:**
 - i. The General Provisions for the Contract shall be as stated in the Standard Specifications for Public Work Construction, North Central Texas Council of Governments (3rd Edition, 1998), under Part I, "General Provisions", Items 1.0 through 1.63 inclusive, as amended or supplemented and except as modified by the special provisions.
 - ii. **Item 1.37.3 NCTCOG "Extra Work"**
When any work is necessary to the proper completion of the project and for which no prices are provided for the proposal and contract, the contractor shall do such work, but only when and as ordered in writing by the Engineer. Payment for extra work shall be made as hereinafter provided in Item 1.38.
 - iii. **Item 1.38 (Key Pieces)**
Payment for extra work shall be made by one of the following methods.
 - (a) Method "A" – by unit prices agreed on in writing by the Engineer and the contractor and approved by the owner before said extra work is commenced, subject to all other conditions of the contract.
 - (b) Method "B" – by lump sum price agreed on in writing by the Engineer and the contractor and approved by the owner before said extra work is commenced, subject to all other conditions of the contract.
 - (c) Method "C" – by actual field cost of the work plus 15 percent as described herein below,

agreed on in writing by the Engineer and the contractor, and approved by the owner before said extra work is commenced, subject to all other conditions of the contract.

2. **Item 1.39 "Disputed Work and Claims for Additional Compensation"**

- i. If the contractor is of the opinion that (a) the work necessary or required to accomplish the result intended by this contract, or (b) any work ordered to be done as contract work by the owner is extra work or additional work and not contract work, or (c) any determination or order of the owner violates the terms and provisions of this contract, the contractor shall promptly, either before proceeding with such work or complying with such order or determination, notify the owner in writing of his contentions with respect thereto and request a final determination thereof.
- ii. Such determination of the owner shall be given in writing to the contractor. If the owner determines that the work in question is extra work and not contract work, or that the order complained of requires performance by the contractor beyond that required by the contract or violates the terms and provisions of the contract, thereupon the owner shall cause either (a) the issuance of a written order covering the extra work as provided for in Item 1.37 hereof, or (b) the determination or order complained of to be rescinded or so modified so as to not require performance beyond that required by the terms and provisions of the contract.
- iii. If the owner determines that the work in question is contract work and not extra work, or that the determination order complained of does not require performance by the contractor beyond that required by the contract or violate the terms and provisions of the contract, he shall direct the contractor to proceed, and the contractor must promptly comply. In order to reserve his right to claim compensation for such work resulting from such compliance, however, the contractor must, within 20 calendar days after receiving the owner's determination and direction, notify the owner in writing that the work is being performed, or that the determination and direction is being complied with, under protest.
- iv. If the contractor fails to so appeal to the owner for a determination or, having so appealed, should the contractor thus fail to notify the owner in writing of his protest, the contractor shall be deemed to have waived any claim for extra compensation of damages therefore. No oral appeals or oral protests, no matter to whom made, shall be deemed even substantial compliance with the provisions of this item.
- v. (Paragraph 7) Unless the aforesaid requirements and conditions shall have been complied with by the contractor, the owner shall

Comment: Were the Change Orders approved in writing before the work commenced?

be released from all claims arising under, relating to or by reason of the contract, except for the sums to be due under the payment provisions of this contract. It is further stipulated and agreed that no conduct on the part of the owner or any agent or employee of the owner shall ever be construed as a waiver of the requirements of this section, when such requirements constitute an absolute condition precedent to any approval of any claim for extra compensation, notwithstanding any other provisions of the contract documents; and in any action against the owner to recover any sum in excess of the contract amount, the contractor must allege and prove strict compliance with the provisions of this section.

Comment: Did any of this happen?

3. **Additional files that may be needed for Monday's meeting.**
 - i. Change Order Process implementation letter and any subsequent correspondence relating to it.
 - ii. March 17, 2005 email making a commitment to provide additional design information.
 - iii. Copy of System Start Up Manual
 - iv. Copy of System Operations Manual
 - v. Copy of the Commissioning Plan
 - vi. Payment Accounting to Thielsch (We need to make sure we have paid everything except Change Orders and retainage)

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did not provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost and labor represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

(14 ea.) Miscellaneous 2" pipe fittings to allow proper connections to pump suction

Additional Freight Charges and Handling Fees

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **5,000.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

Confidential

CCR-006—Rev A

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$5,000.00
 Total Costs \$4,532.72
 Gross Margin % 9.35%
 Gross Profit \$467.28

ADL-ISON AIRPORT
 Public Works, 16501 Westgrove Drive
 Addison, Texas 75001

Bid Date: CCR-006 Rev A-Hand Draw-Off Pumps

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|------------------------------------|--------|----------------|-------------------|------------|--------------|-------|-------|------------|
| # | Description | Part # | Vendor | Cost Each | Quant | Total Cost | Mult. | Price | |
| 1 | Cred for pump with 4 ft suction IR | PA | White & Tucker | \$450.00 | 14 | (\$450.00) | 1 | | (\$450.00) |
| 2 | Pump with 12 ft suction IR | PA | White & Tucker | \$110.00 | 14 | \$1,540.00 | 1.15 | | \$1,771.00 |
| 3 | 2x2x1/2" reducing tee | 0 | Amnpipe | \$26.35 | 28 | \$703.80 | 1.15 | | \$812.87 |
| 4 | 2" 150# flange | 0 | Amnpipe | \$9.92 | 14 | \$138.88 | 1.15 | | \$159.71 |
| 5 | 2" coupling | 0 | Amnpipe | \$8.20 | 14 | \$89.60 | 1.15 | | \$103.04 |
| 6 | 2" pipe | 0 | Amnpipe | \$3.20 | 14 | \$44.80 | 1.15 | | \$51.52 |
| 7 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 8 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 9 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 10 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 11 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 12 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 13 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 14 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 15 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 16 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 17 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 18 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 19 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 20 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| | | | | Total E.C.M.Costs | \$2,117.09 | Total E.C.M. | | | \$2,508.14 |

| THEILSCH ENGINEERING LABOR | | | | | | | | | |
|----------------------------|--|------|-------------------------------|---------------|--------------|-------------|----|--|------------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1083 | Project Manager | \$110.00 | 0 | | | | \$0.00 |
| 102 | Engineering coordination communications, additional submittals | 1021 | Engineer | \$90.00 | 10 | | | | \$900.00 |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | | | | \$0.00 |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | | | | \$0.00 |
| 105 | Coordination of Crafts | 1140 | Foreman | \$57.75 | 0 | | | | \$0.00 |
| 106 | | 1138 | Draftsman | \$60.00 | 0 | | | | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | | | | \$0.00 |
| 108 | Labor welder and fitter - 2 hours per pump, 14 pumps | 1076 | Craftsman | \$54.13 | 28 | | | | \$1,515.64 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | | | | \$0.00 |
| 110 | | 1043 | Mechanical-Helper | \$35.20 | 0 | | | | \$0.00 |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | | | | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | | | | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | | | | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | \$25.00 | 0 | | | | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | | | | \$0.00 |
| 116 | | 4319 | Training | \$60.00 | 0 | | | | \$0.00 |
| 117 | | 4320 | Training | \$35.00 | 0 | | | | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$20.00 | 0 | | | | \$0.00 |
| | | | | MANDAY IMPACT | 4.75 | Total Labor | 38 | | \$2,415.64 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-------------|------|----------------|-----------------|--------|------------|-------|--|--------|
| # | Description | Name | Type | | | Mult. | Price | | |
| 201 | | | Electrical | | | \$0.00 | 1.075 | | \$0.00 |
| 202 | | | Mechanical | | | \$0.00 | 1.075 | | \$0.00 |
| 203 | | | SCADA/PLC | | | \$0.00 | 1.075 | | \$0.00 |
| 204 | | | Civil | | | \$0.00 | 1.075 | | \$0.00 |
| 205 | | | Gen. Services | | | \$0.00 | 1.075 | | \$0.00 |
| 206 | | | Support Groups | | | \$0.00 | 1.075 | | \$0.00 |
| 207 | | | Riggers | | | \$0.00 | 1.075 | | \$0.00 |
| 208 | | | Equipment | | | \$0.00 | 1.075 | | \$0.00 |
| 209 | | | Miscellaneous | | | \$0.00 | 1.075 | | \$0.00 |
| | | | | Total Subs Cost | \$0.00 | Total Subs | | | \$0.00 |

| | | | |
|-----------|--|--------------------------|------------|
| Comments: | | Total E.P.M | \$2,508.14 |
| | | Total Labor | \$2,415.64 |
| | | Total Subs | \$0.00 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% |
| | | TOTAL | \$4,923.78 |
| | | TOTAL + Retainage Comp @ | 0.00% |
| | | Additional TOTAL MARK-UP | \$4,923.78 |
| | | SALES PRICE | \$4,923.78 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeu@thielsch.com

Sent: Friday, November 11, 2005 8:21 AM

To: tom.cobb@wgint.com; Mark Acevedo

Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com

Subject: Fw: Change Order 6A

Tom and Mark,

Attached is Change Order 006 Rev A on the hand operated water draw off pumps and associated back-up.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

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1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost was to be determined as this represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

Additional Feight Charges and Handling Fees

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 4,500.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

| | |
|--|----------------|
|  | <u>9/28/05</u> |
| Thielsch Engineering, Inc. | Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

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Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

TOM- WILL NEED
INVOICES ON
PUMPS.

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

Additional Feight Charges and Handling Fees

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 4,500.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
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 - ii. Scheduled pre and post activity effects.
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For required change to Hand Operated Draw-off Pumps

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



T O W N O F
ADDISON

GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

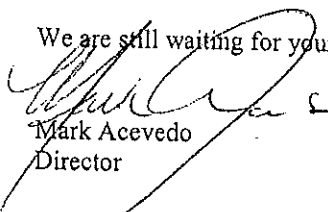
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did not provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost and labor represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

(14 ea.) Miscellaneous 2" pipe fittings to allow proper connections to pump suction

Additional Freight Charges and Handling Fees

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 5,000.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

Confidential

CCR-006—Rev A

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$5,000.00

ADLISON AIRPORT

Total Costs \$4,532.72

Public Works, 16501 Westgrove Drive

Gross Margin % 9.35%

Addison, Texas 75001

Gross Profit \$467.28

Bid Date: CCR-006 Rev A-Hand Draw-Off Pumps

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|---------------------------------------|--------|----------------|------------|--------|--------------|-------|-------|------------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | Credit for pump with 4 ft suction pit | 0A | White & Tupper | (235.00) | 14 | (\$489.00) | | | (489.00) |
| 2 | Pump with 12 ft suction pit | 0A | White & Tupper | \$110.00 | 14 | \$1,540.00 | 1.15 | | \$1,771.00 |
| 3 | 24241' teeswing legs | 0 | Ameripipe | \$28.35 | 28 | \$793.80 | 1.15 | | \$912.87 |
| 4 | 2" 150# Flange | 0 | Ameripipe | \$9.92 | 14 | \$138.88 | 1.15 | | \$159.71 |
| 5 | 2" 150# Flange | 0 | Ameripipe | \$6.40 | 14 | \$89.60 | 1.15 | | \$103.04 |
| 6 | 2" pipe | 0 | Ameripipe | \$3.70 | 14 | \$44.80 | 1.15 | | \$51.52 |
| 7 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 8 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 9 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 10 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 11 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 12 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 13 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 14 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 15 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 16 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 17 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 18 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 19 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 20 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| Total E.C.M.Costs | | | | \$2,117.09 | | Total E.C.M. | | | \$2,508.14 |

| THEILSCH ENGINEERING LABOR | | | | | | | | | |
|----------------------------|---|------|-------------------------------|------------|--------------|-------------|----|--|------------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1093 | Project Manager | \$110.00 | 0 | \$0.00 | | | |
| 102 | Engineering coordination communications additional submittals | 1021 | Engineer | \$90.00 | 10 | \$900.00 | | | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | |
| 105 | Coordination of Crafts | 1140 | Foreman | \$57.75 | 0 | \$0.00 | | | |
| 106 | | 1138 | Draftsman | \$60.00 | 0 | \$0.00 | | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | | |
| 108 | Labor: welder and fitter-2 hours per pump, 14 pumps | 1078 | Craftsman | \$54.13 | 28 | \$1,515.64 | | | |
| 109 | | 1052 | Mechanics | \$63.00 | 0 | \$0.00 | | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | |
| 116 | | 4319 | Training | \$60.00 | 0 | \$0.00 | | | |
| 117 | | 4320 | Training | \$35.00 | 0 | \$0.00 | | | |
| 118 | | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 | | | |
| MANDAY IMPACT | | | | 4.75 | | Total Labor | 38 | | \$2,415.64 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-------------|------|----------------|-------|--------|------------|--|--|--------|
| # | Description | Name | Type | Mult. | Price | | | | |
| 201 | | | Electrical | 1.075 | \$0.00 | | | | \$0.00 |
| 202 | | | Mechanical | 1.075 | \$0.00 | | | | \$0.00 |
| 203 | | | SCADA/PLC | 1.075 | \$0.00 | | | | \$0.00 |
| 204 | | | Civil | 1.075 | \$0.00 | | | | \$0.00 |
| 205 | | | Gen. Services | 1.075 | \$0.00 | | | | \$0.00 |
| 206 | | | Support Groups | 1.075 | \$0.00 | | | | \$0.00 |
| 207 | | | Riggers | 1.075 | \$0.00 | | | | \$0.00 |
| 208 | | | Equipment | 1.075 | \$0.00 | | | | \$0.00 |
| 209 | | | Miscellaneous | 1.075 | \$0.00 | | | | \$0.00 |
| Total Subs Cost | | | | | \$0.00 | Total Subs | | | \$0.00 |

| | | | | | | | |
|--|--|--|--|--|--|--------------------------------|------------|
| Comments: | | | | | | Total E.P.M | \$2,508.14 |
| | | | | | | Total Labor | \$2,415.64 |
| | | | | | | Total Subs | \$0.00 |
| | | | | | | Travel | \$0.00 |
| | | | | | | Factory Training | \$0.00 |
| | | | | | | Freight | \$0.00 |
| | | | | | | Permits | \$0.00 |
| | | | | | | Carrying Cost (days) | \$0.00 |
| | | | | | | Bonding | \$0.00 |
| | | | | | | TAX @ 0.00% | \$0.00 |
| | | | | | | TOTAL | \$4,923.78 |
| | | | | | | TOTAL + Retainage Comp @ 0.00% | \$4,923.78 |
| Estimating Manager Approval _____ Date: _____ | | | | | | Additional TOTAL MARK-UP | |
| Engineering Manager Approval _____ Date: _____ | | | | | | SALES PRICE | \$4,923.78 |

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:21 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Fw: Change Order 6A

Tom and Mark,

Attached is Change Order 006 Rev A on the hand operated water draw off pumps and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost was to be determined as this represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift


Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

Additional Feight Charges and Handling Fees

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 4,500.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps



Thielsch Engineering, Inc.

9/28/05

Date

Town of Addison

Date

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

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The "as called for" hand operated pumps in the design specification did provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost was to be determined as this represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

TOM- WILL NEED INVOICES ON PUMPS.

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

Additional Feight Charges and Handling Fees

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 4,500.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

2. As consideration for the change, the Contractor shall credit the Principal the sum of **\$3,955.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
| Town of Addison | Date |

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

2. As consideration for the change, the Contractor shall credit the Principal the sum of **\$3,955.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

| | |
|--|----------------------|
| <i>Rhorman deau</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|---------------------------------|----------------------|
| _____ Town of Addison | _____ Date |
|---------------------------------|----------------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

*< 3995 >
0 DAYS*

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

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1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

*+ 14 R.O.
-(28) N.R.Stev*

2. As consideration for the change, the Contractor shall credit the Principal the sum of **\$3,955.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

L. Hornandez *8/1/05*
Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

DENIED

Construction Change Order

For required change to OWS Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original Oil/Water Separator outfall design.

This modification to the design of the Oil/Water Separator design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid Outfall Design

Credit includes transporting materials, labor, stand-time, traffic-time, machinery costs, material cost, installation of the materials, logistics, and finishing activities.

Installation of New OWS Outfall Design

Price includes transporting materials, labor, stand-time, traffic-time, added labor, added machinery costs, added material cost, installation of materials, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 36,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to OWS Discharge Design

Rhoman dean 9/28/05
Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to OWS Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original Oil/Water Separator outfall design.

This modification to the design of the Oil/Water Separator design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid Outfall Design

Credit includes transporting materials, labor, stand-time, traffic-time, machinery costs, material cost, installation of the materials, logistics, and finishing activities.

Installation of New OWS Outfall Design

Price includes transporting materials, labor, stand-time, traffic-time, added labor, added machinery costs, added material cost, installation of materials, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 36,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

*BASED ON
MEANS
CREDIT
12K-14K*

For required change to OWS Discharge Design

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For requested change to the landscaping, to add Nellie R. Stevens bushes

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by adding 17 Nellie R. Stevens bushes and modifying the bed preparation and turf preparation.

Add seventeen (17) 65-gallon Nellie R. Stevens bushes. This modification to the design of the landscape layout has added to the scope of work and the additional cost of construction has been determined; this represents a change to the original bid package.

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$9500.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

Note: The net change on the original contract for the landscape change is \$9500 minus \$3955 = **\$5545.00**—where \$3955 is the credit issued with Addison Change Order CCR-008.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 9:03 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 0019--Landscaping Changes

Tom and Mark,

Attached is the formal change order document, with cost estimate, for the referenced change order. This is a follow-up to a transmittal that took place in late '05; the earlier transmittal, dated 11-5-05 originated from Brian Johnson. Also attached is a PDF file from Texas Environmental Management which provides the unit pricing for the Nellie R. Stevens bushes; that pricing matches the line item cost in the change order documents.

Thielsch Engineering Estimate

Date: Thursday, January 19, 2006

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Sale Price **\$9,500.00**
Total Costs **\$8,245.00**
Gross Margin % **13.21%**
Gross Profit **\$1,255.00**

Change Order 0019-Additional Landscaping

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|----------------------------------|--------|--------------------------------|-------------------|--------|---------------------|-------|-------------------|
| 1 | 85 gallon Nels B. Stevens Bushes | NA | Texas Environmental Management | \$485.00 | 17 | \$9,245.00 | 1.15 | \$9,481.75 |
| 2 | | NA | Texas Environmental Management | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 4 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 5 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 6 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 7 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 8 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 9 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 10 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 11 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 12 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 13 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 14 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 15 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 16 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 17 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 18 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 19 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 20 | | ABC | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| Total E.C.M. Costs | | | | \$8,245.00 | | Total E.C.M. | | \$9,481.75 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. | Price |
|----------------------|------------------------|------|-------------------------------|-------------|--------------------|----------|
| 101 | | 1083 | Project Manager | \$110.00 | 0 | \$0.00 |
| 102 | | 1021 | Engineer | \$90.00 | 0 | \$0.00 |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$55.00 | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$83.00 | 0 | \$0.00 |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$80.00 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 |
| 116 | | 4319 | Training | \$60.00 | 0 | \$0.00 |
| 117 | | 4320 | Training | \$35.00 | 0 | \$0.00 |
| 118 | PO, CCR, Documentation | 1008 | Documentation Coord. | \$20.00 | 1 | \$0.00 |
| MANDAY IMPACT | | | | 0.00 | Total Labor | 0 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | |
|------------------------|-------------|------|----------------|---------------|-------------------|---------------|
| 201 | | | Electrical | \$0.00 | 1.075 | \$0.00 |
| 202 | | | Mechanical | \$0.00 | 1.075 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | \$0.00 |
| 204 | | | Civil | \$0.00 | 1.075 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.075 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.075 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.075 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.075 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | \$0.00 |
| Total Subs Cost | | | | \$0.00 | Total Subs | \$0.00 |

Comments:

| | | |
|---------------------------------|-------|-------------------|
| Total E.P.M | | \$9,481.75 |
| Total Labor | | \$0.00 |
| Total Subs | | \$0.00 |
| Travel | | \$0.00 |
| Factory Training | | \$0.00 |
| Freight | | \$0.00 |
| Permits | | \$0.00 |
| Carrying Cost (days) | 0 | \$0.00 |
| Bonding | | \$0.00 |
| TAX @ | 0.00% | \$0.00 |
| TOTAL | | \$9,481.75 |
| TOTAL + Retainage Comp @ | 0.00% | \$9,481.75 |
| Additional TOTAL MARK-UP | | 0.00% |
| SALES PRICE | | \$9,481.75 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

INVENTORY: HICSON Engineering, Inc.
 185 Frances Ave.
 Cranston, RI 02910

Event: Texas Environmental Mgmt-SA Via(Architect:
 PO Box 369
 Justin, TX 76247
 Engineer)

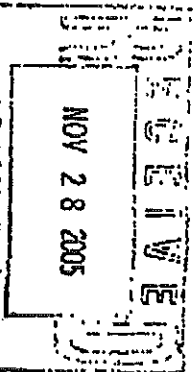
For: Addison Airport Bulk Fuel

Project: Addison Airport Bulk Fuel
 Addison, Texas

Application No: 2
 Invoice No: 15824
 Period To: 11/18/2005

Job No: 9337
 Project No:

Contract Date: 05/22/2005



| No. | Description | Quantity | Unit of Measure | Unit Cost |
|-----|--------------------------------|----------|-----------------|-----------|
| 01 | Nasco R. Sawmills | 65 | EA | 495.00 |
| 02 | Steel Edging | 1,237 | LF | 1,554 |
| 03 | Bermuda Sod | 2,150 | SY | 2,676 |
| 04 | 4" Compox (8050 SF) | 75 | CY | 28,868 |
| 05 | 3" Mulch | 57 | CY | 38,531 |
| 06 | Irrigation System | 1 | LS | 16,513.85 |
| 08 | Red Oak 100 Gal. | 14 | EA | 625.00 |
| 09 | Rough Grade & Cut Slope | 1 | LS | 3,040.00 |
| 10 | Steel Edging Radius @ George H | 200 | LF | 1,554 |

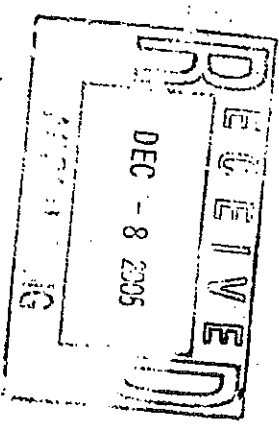
| Total | Current Value | Price | Current Period | Due This |
|-----------|---------------|-----------|----------------|-----------|
| 71,632.72 | 66,552.22 | 21,718.85 | 1,138.65 | 44,833.27 |
| 66,552.22 | 5,476.23 | 0.00 | 65.00 | 31,525.00 |
| 61,075.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19,851.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41,224.94 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41,224.94 | 0.00 | 0.00 | 0.00 | 0.00 |

Contract sum.....
 Completed to date.....
 Retainage.....
 Total earned less retainage.....
 Previous billings.....
 Current payment due.....
 Sales tax.....
 Total due.....

71,632.72
 66,552.22
 5,476.23
 61,075.99
 19,851.05
 41,224.94
 0.00
 41,224.94

PO 115749
 009910

VENDOR #
 APPROVED *Das Shultz*
 DATE 12-8-05
 ACCT # 41050015
 ENTERED
 LAB # *ML174*
 ML TP Book
 11/29



3688.35 Nelson

To(OWNER): Thielsch Engineering, Inc.
 195 Frances Ave.
 Cranston, RI 02910

Project: Addison Airport Bulk Fuel
 Addison, Texas

From: Texas Environmental Mgmt-SA Val(Architect/
 PO Box 369
 Justin, TX 76247
 Engineer)

PNb. 115743

Application No: 1
 Invoice No: 15728
 Period To: 10/19/2005

Job No: 9337
 Project No:

For: Addison Airport Bulk Fuel

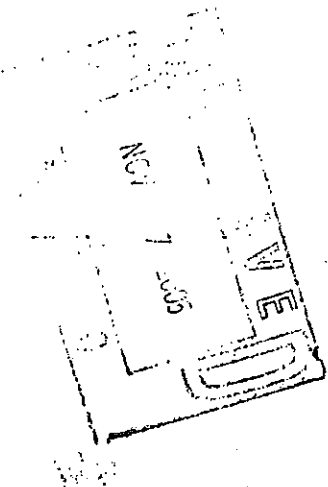
Contract Date: 05/23/2005

| No. | Description | Quantity | Unit of Measure | Unit Cost | Total Cost | Completed Units | Current Value | Prior Value | Current Period Quantity | Due This Request |
|-----|--------------------------------|----------|-----------------|-----------|------------------|-----------------|------------------|-------------|-------------------------|------------------|
| 01 | Nelle R. Stevens | 48 | EA | 485.00 | 23,280.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 02 | Steel Edging | 1,237 | LF | 1,554 | 1,922.30 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03 | Bermuda Sod | 2,150 | SY | 2,476 | 5,323.40 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 04 | 4" Compost (6050 SF) | 75 | CY | 28,868 | 2,165.10 | 75 | 2,165.10 | 0.00 | 75.00 | 2,165.10 |
| 05 | 3" Mulch | 57 | CY | 36,531 | 2,082.27 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 06 | Irrigation System | 1 | LS | 16,513.85 | 16,513.85 | 1 | 16,513.85 | 0.00 | 1.00 | 16,513.85 |
| 08 | Red Oak 100 Gal. | 14 | EA | 625.00 | 8,750.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09 | Rough Grade & Cut Swale | 1 | LS | 3,040.00 | 3,040.00 | 1 | 3,040.00 | 0.00 | 1.00 | 3,040.00 |
| 10 | Steel Edging Radius @ George H | 200 | LF | 1,554 | 310.80 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | <u>63,387.72</u> | | <u>21,718.95</u> | | <u>77.00</u> | <u>21,718.95</u> |

Contract sum.....
 Completed to date.....
 Retainage.....
 Total earned less retainage.....
 Previous billings.....
 Current payment due.....
 Sales tax.....
 Total due.....

63,387.72
 21,718.95
 1,867.90
 19,851.05
 0.00
 19,851.05
 0.00
 19,851.05

Sent from



VENDOR # DD3990
 APPROVED Elmer Anderson
 DATE 11/2/05
 ACCT # 41-05-0015
 P/R _____
 LAB # 41-05-0015
 TAX SPC/MLC

Construction Change Order

For requested change to the landscaping to add 17 Nellie R. Stevens

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by adding 17 Nellie R. Stevens bushes. Oak and modifying the bed preparation and turf preparations.

Add fourteen (17) 65-gallon Nellie R. Stevens bushes. This modification to the design of the landscape layout has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

- 2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$9,500.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.

Note: The Net change on the original contract for the landscape change is \$ 5,545.00 (9,500 less 3,955 credit issued through CCR- 008).

- a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to the landscaping to add 17 Nellie R. Stevens

| | |
|-----------------------------------|----------------|
| <i>R Howard Dean</i> | <i>11/5/05</i> |
| Thielsch Engineering, Inc. | Date |
| | |
| Town of Addison | Date |

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Alco Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date:CCR-019

Date: Monday, August 15, 2005

Sale Price \$9,500.00
Total Costs \$8,245.00
Gross Margin % 13.21%
Gross Profit \$1,255.00

Contract Type: Construction Change Request

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|--------------------------------------|--------|--------------------------------|-------------------|------------|--------------|-------|------------|
| 1 | 85 gallon Nalley R? Stevens Business | | Texas Environmental Management | \$485.00 | 17 | \$8,245.00 | 1.15 | \$9,481.75 |
| 2 | | | Texas Environmental Management | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | | ABC | \$0.00 | 160 | \$0.00 | 1.2 | \$0.00 |
| 4 | | | ABC | \$0.00 | 110 | \$0.00 | 1.2 | \$0.00 |
| 5 | | | ABC | \$0.00 | 160 | \$0.00 | 1.2 | \$0.00 |
| 6 | | | ABC | \$0.00 | 20 | \$0.00 | 1.2 | \$0.00 |
| 7 | | | ABC | \$0.00 | 20 | \$0.00 | 1.2 | \$0.00 |
| 8 | | | ABC | \$0.00 | 20 | \$0.00 | 1.2 | \$0.00 |
| 9 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 10 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 11 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 12 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 13 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 14 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 15 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 16 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 17 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 18 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 19 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| 20 | | | ABC | \$0.00 | 30 | \$0.00 | 1.2 | \$0.00 |
| | | | | Total E.C.M.Costs | \$8,245.00 | Total E.C.M. | | \$9,481.75 |

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | |
|-----|-----------------------|------|-------------------------------|---------------|--------------|-------------|---|--------|
| 101 | | 1083 | Project Manager | \$110.00 | 0 | \$0.00 | | |
| 102 | | 1021 | Engineer | \$90.00 | 0 | \$0.00 | | |
| 103 | | 1106 | Tech. Engineer | \$90.00 | 0 | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | \$0.00 | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | |
| 116 | | 4319 | Training | \$60.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training | \$35.00 | 0 | \$0.00 | | |
| 118 | CCR/CCR Documentation | 1008 | Documentation Coord. | \$20.00 | 1 | \$0.00 | | |
| | | | | MANDAY IMPACT | 0.00 | Total Labor | 0 | \$0.00 |

| # | Description | Name | Type | Mult. | Price | |
|-----|-------------|------|----------------|--------|-------|--------|
| 201 | | | Electrical | \$0.00 | 1.075 | \$0.00 |
| 202 | | | Mechanical | \$0.00 | 1.075 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | \$0.00 |
| 204 | | | Chil | \$0.00 | 1.075 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.075 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.075 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.075 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.075 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | \$0.00 |

| | | | | |
|-----------|--------------------------|--------|------------|--------|
| Comments: | Total Subs Cost | \$0.00 | Total Subs | \$0.00 |
| | Total E.P.M. | | \$9,481.75 | |
| | Total Labor | | \$0.00 | |
| | Total Subs | | \$0.00 | |
| | Travel | | \$0.00 | |
| | Factory Training | | \$0.00 | |
| | Freight | | \$0.00 | |
| | Permits | | \$0.00 | |
| | Carrying Cost (days) | 0 | \$0.00 | |
| | Bonding | | \$0.00 | |
| | TAX @ | 0.00% | \$0.00 | |
| | TOTAL | | \$9,481.75 | |
| | TOTAL + Retainage Comp @ | 0.00% | \$9,481.75 | |
| | Additional TOTAL MARK-UP | | 0.00% | |
| | SALES PRICE | | \$9,481.75 | |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Construction Change Order

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

2. As consideration for the change, the Contractor shall credit the Principal the sum of \$3,955.00, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

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In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

2. As consideration for the change, the Contractor shall credit the Principal the sum of \$3,955.00, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

| | |
|----------------------------|----------------|
| <u>R. Roman Dean</u> | <u>9/28/05</u> |
| Thielsch Engineering, Inc. | Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

< 3995 >
0 DAYS

Construction Change Order

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

+ 14 R.O.
-(28) N.R.Stw

2. As consideration for the change, the Contractor shall credit the Principal the sum of **\$3,955.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

L. Horman deau _____ 9/1/05 _____
Thielsch Engineering, Inc. Date

Town of Addison Date

- CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

DENIED

Construction Change Order

For required change to OWS Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original Oil/Water Separator outfall design.

This modification to the design of the Oil/Water Separator design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid Outfall Design

Credit includes transporting materials, labor, stand-time, traffic-time, machinery costs, material cost, installation of the materials, logistics, and finishing activities.

Installation of New OWS Outfall Design

Price includes transporting materials, labor, stand-time, traffic-time, added labor, added machinery costs, added material cost, installation of materials, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 36,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

Confidential

CCR-009

For required change to OWS Discharge Design

Rhoman dean 9/28/05
Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to OWS Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original Oil/Water Separator outfall design.

This modification to the design of the Oil/Water Separator design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid Outfall Design

Credit includes transporting materials, labor, stand-time, traffic-time, machinery costs, material cost, installation of the materials, logistics, and finishing activities.

Installation of New OWS Outfall Design

Price includes transporting materials, labor, stand-time, traffic-time, added labor, added machinery costs, added material cost, installation of materials, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 36,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

*BASED ON
MEANS
CREDIT
12K - 14K*

For required change to OWS Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For requested change to the landscaping, to add Nellie R. Stevens bushes

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by adding 17 Nellie R. Stevens bushes and modifying the bed preparation and turf preparation.

Add seventeen (17) 65-gallon Nellie R. Stevens bushes. This modification to the design of the landscape layout has added to the scope of work and the additional cost of construction has been determined; this represents a change to the original bid package.

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$9500.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

Note: The net change on the original contract for the landscape change is \$9500 minus \$3955 = **\$5545.00**—where \$3955 is the credit issued with Addison Change Order CCR-008.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 9:03 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 0019--Landscaping Changes

Tom and Mark,

Attached is the formal change order document, with cost estimate, for the referenced change order. This is a follow-up to a transmittal that took place in late '05; the earlier transmittal, dated 11-5-05 originated from Brian Johnson. Also attached is a PDF file from Texas Environmental Management which provides the unit pricing for the Nellie R. Stevens bushes; that pricing matches the line item cost in the change order documents.

Thielsch Engineering Estimate

Date: Thursday, January 19, 2006

Sale Price \$9,500.00
 Total Costs \$8,245.00
 Gross Margin % 13.21%
 Gross Profit \$1,255.00

ADDISON AIRPORT
 15701 Addison Road
 Addison, Texas 75001

Change Order 0019-Additional Landscaping

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-----------------------------------|--------|--------------------------------|------------|--------|--------------|-------|------------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | 195 gallon Nelsa H. Stevens Buses | NA | Texas Environmental Management | \$485.00 | 19 | \$9,245.00 | 1.15 | \$9,481.75 | |
| 2 | | NA | Texas Environmental Management | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 3 | | ABD | | \$0.00 | 83 | \$0.00 | 1.2 | \$0.00 | |
| 4 | | ABD | | \$0.00 | 10 | \$0.00 | 1.2 | \$0.00 | |
| 5 | | ABD | | \$0.00 | 88 | \$0.00 | 1.2 | \$0.00 | |
| 6 | | ABD | | \$0.00 | 20 | \$0.00 | 1.2 | \$0.00 | |
| 7 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 8 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 9 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 10 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 11 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 12 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 13 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 14 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 15 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 16 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 17 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 18 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 19 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 20 | | ABD | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| Total E.C.M.Costs | | | | \$8,245.00 | | Total E.C.M. | | \$9,481.75 | |

| TEI LABOR SERVICES | | | | | | | | | | |
|--------------------|------------------------|------|-------------------------------|------------|--------------|--------|--------|--|--|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | | |
| 101 | | 1083 | Project Manager | \$110.00 | 0 | \$0.00 | | | | |
| 102 | | 1021 | Engineer | \$90.00 | 0 | \$0.00 | | | | |
| 103 | | 1108 | Tech. Engineer | \$90.00 | 0 | \$0.00 | | | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 | | | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 | | | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | | | |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | \$0.00 | | | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | | | |
| 110 | | 1043 | Mechanical-helper | \$35.25 | 0 | \$0.00 | | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | | | |
| 114 | | 1084 | Laborer / Mithwright | \$25.00 | 0 | \$0.00 | | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | | |
| 116 | | 4318 | Training | Engineer | \$50.00 | 0 | \$0.00 | | | |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 | | | |
| 119 | PO, CCB, Documentation | 1008 | Documentation Coord. | \$20.00 | 1 | \$0.00 | | | | |
| MANDAY IMPACT | | | | 0.00 | Total Labor | 0 | \$0.00 | | | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-------------|------|----------------|--------|------------|-------|--------|--|--|
| # | Description | Name | Type | | | Mult. | Price | | |
| 201 | | | Electrical | | \$0.00 | 1.075 | \$0.00 | | |
| 202 | | | Mechanical | | \$0.00 | 1.075 | \$0.00 | | |
| 203 | | | SCADA/PLC | | \$0.00 | 1.075 | \$0.00 | | |
| 204 | | | Civil | | \$0.00 | 1.075 | \$0.00 | | |
| 205 | | | Gen. Services | | \$0.00 | 1.075 | \$0.00 | | |
| 206 | | | Support Groups | | \$0.00 | 1.075 | \$0.00 | | |
| 207 | | | Riggers | | \$0.00 | 1.075 | \$0.00 | | |
| 208 | | | Equipment | | \$0.00 | 1.075 | \$0.00 | | |
| 209 | | | Miscellaneous | | \$0.00 | 1.075 | \$0.00 | | |
| Total Subs Cost | | | | \$0.00 | Total Subs | | \$0.00 | | |

| | | | | | | | | | | |
|-----------|--|--|--|--|--|--------------------------|------------|------------|--|--|
| Comments: | | | | | | Total E.P.M | \$9,481.75 | | | |
| | | | | | | Total Labor | \$0.00 | | | |
| | | | | | | Total Subs | \$0.00 | | | |
| | | | | | | Travel | \$0.00 | | | |
| | | | | | | Factory Training | \$0.00 | | | |
| | | | | | | Freight | \$0.00 | | | |
| | | | | | | Permits | \$0.00 | | | |
| | | | | | | Carrying Cost (days) | 0 | \$0.00 | | |
| | | | | | | Bonding | \$0.00 | | | |
| | | | | | | TAX @ | 0.00% | \$0.00 | | |
| | | | | | | TOTAL | \$9,481.75 | | | |
| | | | | | | TOTAL + Retainage Comp @ | 0.00% | \$9,481.75 | | |
| | | | | | | Additional TOTAL MARK-UP | 0.00% | | | |
| | | | | | | SALES PRICE | \$9,481.75 | | | |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

INVENTORY: JENSEN ENGINEERING, INC.
185 Frances Ave.
Crandon, RI 02910

Project: Addison Airport Bulk Fuel
Addison, Texas

From: Texas Environmental Mgmt-SA Val(Architect/Engineer)
PO Box 369
Justin, TX 76247

For: Addison Airport Bulk Fuel

Application No: 2
Invoice No: 15924
Period To: 11/16/2005

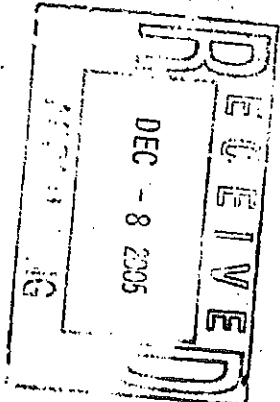
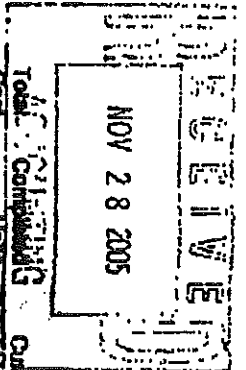
Job No: 9337
Project No:

Contract Date: 05/23/2005

| No. | Description | Quantity | Unit | Unit Cost | Unit Value | Current Value | Price Value | Current Period Quantity | Due This Period |
|-----|--------------------------------|----------|------|-----------|------------|---------------|-------------|-------------------------|-----------------|
| 01 | Master R. Sawmills | 65 | EA | 486.00 | 31,525.00 | 31,525.00 | 0.00 | 65.00 | 31,525.00 |
| 02 | Steel Edging | 1,237 | LF | 1,554 | 1,922.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03 | Bermuda Sod | 2,150 | SY | 2,476 | 5,323.40 | 0.00 | 0.00 | 1000.00 | 2,476.00 |
| 04 | 4" Compost (6050 SF) | 75 | CY | 28,888 | 2,165.10 | 2,165.10 | 0.00 | 0.00 | 0.00 |
| 05 | 3" Mulch | 57 | LS | 38,531 | 2,082.27 | 2,082.27 | 0.00 | 57.00 | 2,082.27 |
| 06 | Irrigation System | 1 | LS | 16,513.85 | 16,513.85 | 16,513.85 | 0.00 | 0.00 | 0.00 |
| 08 | Rough Grade & C&G Swale | 14 | EA | 625.00 | 8,750.00 | 8,750.00 | 0.00 | 14.00 | 8,750.00 |
| 09 | Final Grade | 1 | LS | 3,040.00 | 3,040.00 | 3,040.00 | 0.00 | 0.00 | 0.00 |
| 10 | Steel Edging Radius @ George H | 200 | LF | 1,554 | 310.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | 71,632.72 | 66,552.22 | 21,718.85 | 71,383.00 | 44,833.27 |

Contract sum.....
 Completed to date.....
 Retainage.....
 Total earned less retainage.....
 Previous billings.....
 Current payment due.....
 Sales tax.....
 Total due.....

71,632.72
 66,552.22
 5,476.23
 61,076.99
 19,851.05
 41,224.94
 0.00
 41,224.94



Vendor # 007910
 Approved: [Signature]
 Date: 12-8-05
 ACCT # 41050015
 LAB # [Signature]
 TAX: [Signature]
 11/29

3608.35 Return

To(OWNER): Thielsch Engineering, Inc.
 195 Frances Ave.
 Cranston, RI 02910

Project: Addison Airport Bulk Fuel
 Addison, Texas

From: Texas Environmental Mgmt-SA Via(Architect):
 PO Box 369
 Justin, TX 76247
 (Engineer)

PO No. 115743

Application No: 1
 Invoice No: 15728
 Period To: 10/19/2005

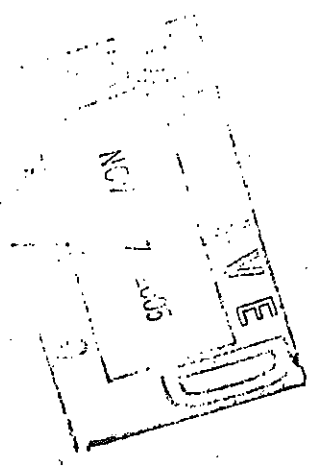
Job No: 9337
 Project No:

Contract Date: 05/23/2005

| No. | Description | Total Quantity | Unit of Measure | Unit Cost | Total Cost | Completed Units | Current Value | Prior Value | Current Period Quantity | Due This Request |
|-----|---------------------------------|----------------|-----------------|-----------|------------|-----------------|---------------|-------------|-------------------------|------------------|
| 01 | Neillie R. Stevens | 48 | EA | 485.00 | 23,280.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 02 | Steel Edging | 1,237 | LF | 1,554 | 1,922.30 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03 | Bermuda Sod | 2,150 | SY | 2,476 | 5,323.40 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 04 | 4" Compost (6050 SF) | 75 | CY | 28,868 | 2,165.10 | 75 | 2,165.10 | 0.00 | 75.00 | 2,165.10 |
| 05 | 3" Mulch | 57 | CY | 36,531 | 2,082.27 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 06 | Irrigation System | 1 | LS | 16,513.85 | 16,513.85 | 1 | 16,513.85 | 0.00 | 1.00 | 16,513.85 |
| 08 | Red Oak 100 Gal. | 14 | EA | 625.00 | 8,750.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09 | Rough Grade & Cut Swale | 1 | LS | 3,040.00 | 3,040.00 | 1 | 3,040.00 | 0.00 | 1.00 | 3,040.00 |
| 10 | Steel Edging Radius @ George H. | 200 | LF | 1,554 | 310.80 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | 63,387.72 | | 21,718.95 | | | 21,718.95 |

Contract sum..... 63,387.72
 Completed to date..... 21,718.95
 Retainage..... 1,867.90
 Total earned less retainage..... 19,851.05
 Previous billings..... 0.00
 Current payment due..... 19,851.05
 Sales tax..... 0.00
 Total due..... 19,851.05

sent from



VENDOR # DB3990
 APPROVED Phonon
 DATE 11/4/05
 ACCT # 44-05-0015
 P/R 44-05-0015
 LAB # 44-05-0015
 TAX MLT/ML

Alco Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date:CCR-019

Date: Monday, August 15, 2005

Sale Price \$9,500.00
Total Costs \$8,245.00
Gross Margin % 13.21%
Gross Profit \$1,255.00

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|-------------------------------|--------|-------------------------------|-------------------|------------|--------------|-------|------------|
| 1 | 85 gallon Nello R-3000 Bushes | | Teas Environmental Management | \$485.00 | 17 | \$8,245.00 | 1.15 | \$9,481.75 |
| 2 | | | Teas Environmental Management | \$10.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 4 | | | ABC | \$0.00 | 10 | \$0.00 | 1.2 | \$0.00 |
| 5 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 6 | | | ABC | \$0.00 | 20 | \$0.00 | 1.2 | \$0.00 |
| 7 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 8 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 9 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 10 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 11 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 12 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 13 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 14 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 15 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 16 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 17 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 18 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 19 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 20 | | | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| | | | | Total E.C.M.Costs | \$8,245.00 | Total E.C.M. | | \$9,481.75 |

ALCO LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|-----|-------------------|------|-------------------------------|---------------|--------------|---------|
| 101 | | 1083 | Project Manager | | 0 | \$0.00 |
| 102 | | 1021 | Engineer | \$110.00 | 0 | \$0.00 |
| 103 | | 1106 | Tech. Engineer | \$90.00 | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | \$80.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$75.00 | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | \$65.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$60.00 | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$63.00 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$35.20 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$60.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$40.00 | 0 | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | \$30.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$25.00 | 0 | \$0.00 |
| 116 | | 4319 | Training | \$35.25 | 0 | \$0.00 |
| 117 | | 4320 | Training | \$60.00 | 0 | \$0.00 |
| 118 | CCR Documentation | 1068 | Documentation Coord. | \$35.00 | 0 | \$0.00 |
| | | | | MANDAY IMPACT | 1 | \$20.00 |
| | | | | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | |
|-----|-------------|------|----------------|--------|-------|--------|
| 201 | | | Electrical | \$0.00 | 1.075 | \$0.00 |
| 202 | | | Mechanical | \$0.00 | 1.075 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | \$0.00 |
| 204 | | | CMI | \$0.00 | 1.075 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.075 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.075 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.075 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.075 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | \$0.00 |

| | | | | |
|-----------|--------------------------|--------|------------|------------|
| Comments: | Total Subs Cost | \$0.00 | Total Subs | \$0.00 |
| | Total E.P.M | | | \$9,481.75 |
| | Total Labor | | | \$0.00 |
| | Total Subs | | | \$0.00 |
| | Travel | | | \$0.00 |
| | Factory Training | | | \$0.00 |
| | Freight | | | \$0.00 |
| | Permits | | | \$0.00 |
| | Carrying Cost (days) | 0 | | \$0.00 |
| | Bonding | | | \$0.00 |
| | TAX @ | 0.00% | | \$0.00 |
| | TOTAL | | | \$9,481.75 |
| | TOTAL + Retainage Comp @ | 0.00% | | \$9,481.75 |
| | Additional TOTAL MARK-UP | | | 0.00% |
| | SALES PRICE | | | \$9,481.75 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Construction Change Order

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

2. As consideration for the change, the Contractor shall credit the Principal the sum of \$3,955.00, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

< 3995 >
0 Days

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

+ 14 R.O.
-(28) N.R.Stev

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

2. As consideration for the change, the Contractor shall credit the Principal the sum of **\$3,955.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

| | |
|----------------------------|---------------|
| <u>Chormandean</u> | <u>8/1/05</u> |
| Thielsch Engineering, Inc. | Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

DENIED

Construction Change Order

For required change to OWS Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original Oil/Water Separator outfall design.

This modification to the design of the Oil/Water Separator design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid Outfall Design

Credit includes transporting materials, labor, stand-time, traffic-time, machinery costs, material cost, installation of the materials, logistics, and finishing activities.

Installation of New OWS Outfall Design

Price includes transporting materials, labor, stand-time, traffic-time, added labor, added machinery costs, added material cost, installation of materials, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 36,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to OWS Discharge Design

Rhorman deau 9/28/05
Thielsch Engineering, Inc. Date

Town of Addison Date

- CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to OWS Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original Oil/Water Separator outfall design.

This modification to the design of the Oil/Water Separator design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid Outfall Design

Credit includes transporting materials, labor, stand-time, traffic-time, machinery costs, material cost, installation of the materials, logistics, and finishing activities.

Installation of New OWS Outfall Design

Price includes transporting materials, labor, stand-time, traffic-time, added labor, added machinery costs, added material cost, installation of materials, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 36,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

*BASED ON
MEANS
CREDIT
12K - 14K*

For required change to OWS Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For requested change to the landscaping, to add Nellie R. Stevens bushes

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by adding 17 Nellie R. Stevens bushes and modifying the bed preparation and turf preparation.

Add seventeen (17) 65-gallon Nellie R. Stevens bushes. This modification to the design of the landscape layout has added to the scope of work and the additional cost of construction has been determined; this represents a change to the original bid package.

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$9500.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

Note: The net change on the original contract for the landscape change is \$9500 minus \$3955 = **\$5545.00**—where \$3955 is the credit issued with Addison Change Order CCR-008.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 9:03 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 0019--Landscaping Changes

Tom and Mark,

Attached is the formal change order document, with cost estimate, for the referenced change order. This is a follow-up to a transmittal that took place in late '05; the earlier transmittal, dated 11-5-05 originated from Brian Johnson. Also attached is a PDF file from Texas Environmental Management which provides the unit pricing for the Nellie R. Stevens bushes; that pricing matches the line item cost in the change order documents.

Thielsch Engineering Estimate

Date: Thursday, January 19, 2006

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Sale Price \$9,500.00
Total Costs \$8,245.00
Gross Margin % 13.21%
Gross Profit \$1,255.00

Change Order 0019-Additional Landscaping Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|------------------------------------|--------|--------------------------------|--------------------|------------|--------------|-------|------------|
| 1 | 95 gallon Hella R. Stearns Brushes | | Texas Environmental Management | \$485.00 | 17 | \$9,245.00 | 1.15 | \$9,481.75 |
| 2 | | | Texas Environmental Management | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | ABG | | \$0.00 | 50 | \$0.00 | 1.2 | \$0.00 |
| 4 | | ABG | | \$0.00 | 10 | \$0.00 | 1.2 | \$0.00 |
| 5 | | ABG | | \$0.00 | 20 | \$0.00 | 1.2 | \$0.00 |
| 6 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 7 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 8 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 9 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 10 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 11 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 12 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 13 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 14 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 15 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 16 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 17 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 18 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 19 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 20 | | ABG | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| | | | | Total E.C.M. Costs | \$9,245.00 | Total E.C.M. | | \$9,481.75 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. | Price | | |
|-----|------------------------|------|-------------------------------|---------------|--------|-------------|---|--------|
| 101 | | 1083 | Project Manager | \$110.00 | 0 | \$0.00 | | |
| 102 | | 1021 | Engineer | \$90.00 | 0 | \$0.00 | | |
| 103 | | 1106 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | |
| 114 | | 1084 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | |
| 116 | | 4319 | Training Engineer | \$50.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | PO, OCR, Documentation | 1008 | Documentation Coord. | \$20.00 | 1 | \$0.00 | | |
| | | | | MANDAY IMPACT | 0.00 | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | | |
|-----|-------------|------|----------------|-----------------|--------|------------|--------|
| 201 | | | Electrical | 1.075 | \$0.00 | | |
| 202 | | | Mechanical | 1.075 | \$0.00 | | |
| 203 | | | SCADA/PLC | 1.075 | \$0.00 | | |
| 204 | | | Civil | 1.075 | \$0.00 | | |
| 205 | | | Gen. Services | 1.075 | \$0.00 | | |
| 206 | | | Support Groups | 1.075 | \$0.00 | | |
| 207 | | | Riggers | 1.075 | \$0.00 | | |
| 208 | | | Equipment | 1.075 | \$0.00 | | |
| 209 | | | Miscellaneous | 1.075 | \$0.00 | | |
| | | | | Total Subs Cost | \$0.00 | Total Subs | \$0.00 |

Comments:

| | | |
|--------------------------|-------|------------|
| Total E.P.M | | \$9,481.75 |
| Total Labor | | \$0.00 |
| Total Subs | | \$0.00 |
| Travel | | \$0.00 |
| Factory Training | | \$0.00 |
| Freight | | \$0.00 |
| Permits | | \$0.00 |
| Carrying Cost (days) | 0 | \$0.00 |
| Bonding | | \$0.00 |
| TAX @ | 0.00% | \$0.00 |
| TOTAL | | \$9,481.75 |
| TOTAL + Retainage Comp @ | 0.00% | \$9,481.75 |
| Additional TOTAL MARK-UP | 0.00% | \$0.00 |
| SALES PRICE | | \$9,481.75 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Company: Hineson Engineering, Inc.
 185 Frances Ave.
 Cranston, RI 02910

Project: Addison Airport Bulk Fuel
 Addison, Texas

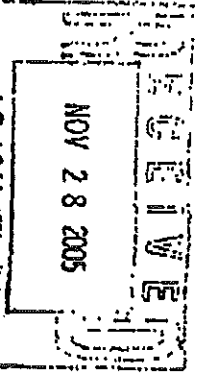
From: Texas Environmental Mgmt-SA Val(Architect):
 PO Box 369
 Justin, TX 76247
 Engineer)

For: Addison Airport Bulk Fuel

| No. | Description | Total Quantity | Unit of Measure | Unit Cost |
|-----|---------------------------------|----------------|-----------------|-----------|
| 01 | Nutite R Sawmills | 65 | EA | 485.00 |
| 02 | Shovel Edging | 1,237 | LF | 1,554 |
| 03 | Bermuda Sod | 2,150 | SF | 2,676 |
| 04 | 4" Compost (6050 SF) | 75 | CY | 28,868 |
| 05 | 3" Mulch | 57 | CY | 36,531 |
| 06 | Irrigation System | 1 | LS | 16,513.85 |
| 08 | Road Oak 100 Gal. | 14 | EA | 625.00 |
| 09 | Rough Grade & Cut Smale | 1 | LS | 3,040.00 |
| 10 | Shovel Edging Radius @ George H | 200 | LF | 1,554 |

Contract sum.....
 Completed to date.....
 Retainage.....
 Total earned less retainage.....
 Previous billings.....
 Current payment due.....
 Sales tax.....
 Total due.....

| Total | Current | Prior | Current Period | Due This |
|-----------|-----------|-----------|----------------|-----------|
| Cost | Value | Value | Quantity | Period |
| 31,525.00 | 31,525.00 | 0.00 | 65.00 | 31,525.00 |
| 1,922.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,323.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,185.10 | 2,185.10 | 0.00 | 0.00 | 2,185.10 |
| 2,082.27 | 2,082.27 | 0.00 | 0.00 | 2,082.27 |
| 16,513.85 | 16,513.85 | 0.00 | 0.00 | 0.00 |
| 8,750.00 | 8,750.00 | 0.00 | 0.00 | 8,750.00 |
| 3,040.00 | 3,040.00 | 0.00 | 0.00 | 0.00 |
| 310.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| 71,632.72 | 66,552.22 | 21,718.85 | 1,138.00 | 74,283.27 |



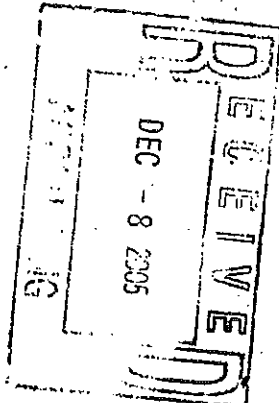
Application No: 2
 Invoice No: 15924
 Period To: 11/18/2005
 Job No: 9337
 Project No:
 Contract Date: 05/23/2005

71,632.72
 66,552.22
 5,476.23
 61,076.99
 19,851.05
 41,224.94
 0.00
 41,224.94

10115749

0096110

VENDOR # 0096110
 APPROVED Das Shubla
 DATE 12-8-05
 ACCT # 41 05 0015
 ENTERED 11/29/05
 LAB # 11/29/05
 BY MW TD Book
 11/29



36,08.35 Net amount

To(OWNER): Thielsch Engineering, Inc.
 195 Frances Ave.
 Cranston, RI 02910

Project: Addison Airport Bulk Fuel
 Addison, Texas

From: Texas Environmental Mgmt-SA Via(Architect/
 PO Box 369
 Justin, TX 76247
 Engineer)

PN No. 115143

Application No: 1
 Invoice No: 15728
 Period To: 10/19/2005

Job No: 9337
 Project No:

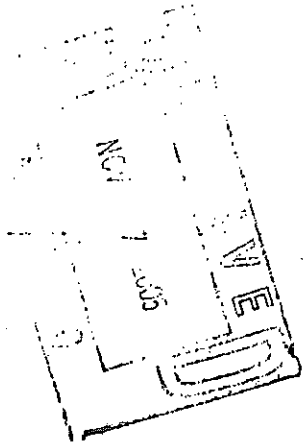
For: Addison Airport Bulk Fuel

Contract Date: 05/23/2005

| NO. | Description | Total Quantity | Unit of Measure | Unit Cost | Total Cost | Completed Units | Current Value | Prior Value | Current Period Quantity | Due This Request |
|-----|--------------------------------|----------------|-----------------|-----------|------------------|-----------------|------------------|-------------|-------------------------|------------------|
| 01 | Nelle R. Stevens | 48 | EA | 485.00 | 23,280.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 02 | Steel Edging | 1,237 | LF | 1.554 | 1,922.30 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03 | Bermuda Sod | 2,150 | SY | 2.476 | 5,323.40 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 04 | 4" Compost (6050 SF) | 75 | CY | 28.868 | 2,165.10 | 75 | 2,165.10 | 0.00 | 75.00 | 2,165.10 |
| 05 | 3" Mulch | 57 | CY | 36.531 | 2,082.27 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 06 | Irrigation System | 1 | LS | 16,513.85 | 16,513.85 | 1 | 16,513.85 | 0.00 | 1.00 | 16,513.85 |
| 08 | Red Oak 100 Gal. | 14 | EA | 625.00 | 8,750.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09 | Rough Grade & Cut Swale | 1 | LS | 3,040.00 | 3,040.00 | 1 | 3,040.00 | 0.00 | 1.00 | 3,040.00 |
| 10 | Steel Edging Radius @ George H | 200 | LF | 1.554 | 310.80 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | <u>63,387.72</u> | | <u>21,718.95</u> | | <u>77.00</u> | <u>21,718.95</u> |

Contract sum..... 63,387.72
 Completed to date..... 21,718.95
 Retainage..... 1,867.90
 Total earned less retainage..... 19,851.05
 Previous billings..... 0.00
 Current payment due..... 19,851.05
 Sales tax..... 0.00
 Total due..... 19,851.05

sent from



VENDOR # 023990
 APPROVED Phuong Lam
 DATE 11/4/05
 ACCT # 41-05-0015
 P/R
 LAB # 41-05-0015
 TAX

Construction Change Order

For requested change to the landscaping to add 17 Nellie R. Stevens

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by adding 17 Nellie R. Stevens bushes. Oak and modifying the bed preparation and turf preparations.

Add fourteen (17) 65-gallon Nellie R. Stevens bushes. This modification to the design of the landscape layout has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$9,500.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.

Note: The Net change on the original contract for the landscape change is \$ 5, 545.00 (9,500 less 3,955 credit issued through CCR- 008).

- a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to the landscaping to add 17 Nellie R. Stevens

R Howard _____ 11/5/05
Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Alco Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date CCR-019

Date: Monday, August 15, 2005

Sale Price \$9,500.00
Total Costs \$8,245.00
Gross Margin % 13.21%
Gross Profit \$1,255.00

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|------------------------------------|--------|--------------------------------|--------------------|--------|------------|-------|------------|
| 1 | 185 gallon Nelson R Steiner Bushes | | Texas Environmental Management | \$485.00 | 17 | \$8,245.00 | 1.15 | \$9,481.75 |
| 2 | | | Texas Environmental Management | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 4 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 5 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 6 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 7 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 8 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 9 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 10 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 11 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 12 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 13 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 14 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 15 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 16 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 17 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 18 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 19 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| 20 | | | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 |
| | | | | Total E.C.M. Costs | | \$8,245.00 | | \$9,481.75 |

ALCO LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|-----|------------------------|------|-------------------------------|-------------|--------------|--------|
| 101 | | 1083 | Project Manager | \$110.00 | 0 | \$0.00 |
| 102 | | 1021 | Engineer | \$90.00 | 0 | \$0.00 |
| 103 | | 1106 | Tech. Engineer | \$80.00 | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 |
| 116 | | 4318 | Training Engineer | \$60.00 | 0 | \$0.00 |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 |
| 118 | P.O. CCR Documentation | 1008 | Documentation Coord. | \$20.00 | 1 | \$0.00 |
| | | | | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | |
|-----|-------------|------|----------------|--------|-------|--------|
| 201 | | | Electrical | \$0.00 | 1.075 | \$0.00 |
| 202 | | | Mechanical | \$0.00 | 1.075 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | \$0.00 |
| 204 | | | Chil | \$0.00 | 1.075 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.075 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.075 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.075 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.075 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | \$0.00 |

| | | | | |
|--|--------------------------|---------------|------------|------------|
| Comments: | Total Subs Cost | \$0.00 | Total Subs | \$0.00 |
| | Total E.P.M | | | \$9,481.75 |
| | Total Labor | | | \$0.00 |
| | Total Subs | | | \$0.00 |
| | Travel | | | \$0.00 |
| | Factory Training | | | \$0.00 |
| | Freight | | | \$0.00 |
| | Permits | | | \$0.00 |
| | Carrying Cost (days) | 0 | | \$0.00 |
| | Bonding | | | \$0.00 |
| | TAX @ | 0.00% | | \$0.00 |
| | TOTAL | | | \$9,481.75 |
| | TOTAL + Retainage Comp @ | 0.00% | | \$9,481.75 |
| Estimating Manager Approval _____ Date: _____ | Additional | TOTAL MARK-UP | | 0.00% |
| Engineering Manager Approval _____ Date: _____ | SALES PRICE | | | \$9,481.75 |

Construction Change Order**For required change to relocation of Filter/Separator**05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the FBOs request to have fuel filtered and separated in both the loading and unloading activities; changes were made to original project design.

Due to changes in process criteria used in preparation of the original design, an Engineering change was made to the original piping design. "Update on Construction Status and Issues for the Bulk Fuel Storage and Dispensing System, Addison Airport", author Sam Lundgren, Engineer (WGI) dated August 4th, 2005, dated August 11th, 2005, dated August 17th, 2005; dated August 24th, 2005; paragraph 4 document the change in piping design. Also see, "Construction Activity Report", author Rick Normandeau, Construction/Project Manager (TEI) dated July 29th, 2005.

This modification to the placement of the filter/separator caused a significant change in the piping layout. At the request of the Project Manager, Thielsch construction personnel developed a conceptual layout using equipment templates and piping and valve criteria. In order to minimize impact to the overall project schedule, photographs were forwarded to the Project Manager and an acceptable alternative equipment layout was developed. This change in design has created rework of previously fabricated weld joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor led the effort in developing the revised piping layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

10 welds had to be cut out

7 welds had to be re-welded; 21 welds were re-positioned and re-used

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
10 welds had to be re-welded
56 welds were re-positioned and re-used

Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
10 welds had to be re-welded
60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 163,000.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 21 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thiensch Engineering Estimate

Date: Monday, August 15, 2005

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date:CCR-010 Rev A-Filter Separator Relocation

Sale Price \$163,000.00
Total Costs \$159,946.39
Gross Margin % 1.87%
Gross Profit \$3,053.61

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|---|--------|-----------|--------------------|-------------|--------------|-------|-------------|
| 1 | Reorder (Unusable Length) PIPE 4" Epoxy Coated Inside and out | | AMER PIPE | \$19.58 | 1200 | \$12,816.00 | 1.15 | \$14,738.40 |
| 2 | Reorder (Unusable Length) PIPE 3" Epoxy Coated Inside and out | | AMER PIPE | \$9.10 | 400 | \$3,240.00 | 1.15 | \$3,726.00 |
| 3 | Reorder 4" Flanges | | AMER PIPE | \$19.76 | 27 | \$629.76 | 1.15 | \$724.22 |
| 4 | Reorder 4" 90 degree elbows | | AMER PIPE | \$14.18 | 21 | \$297.89 | 1.15 | \$342.69 |
| 5 | Reorder 3" Flanges | | AMER PIPE | \$15.82 | 6 | \$92.92 | 1.15 | \$99.36 |
| 6 | Reorder 3" 90 degree elbows | | AMER PIPE | \$13.93 | 4 | \$54.52 | 1.15 | \$62.70 |
| 7 | | | | | | | 1.15 | \$0.00 |
| 8 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 9 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 10 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | | | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M. Costs | \$17,121.19 | Total E.C.M. | | \$19,689.37 |

TEI LABOR SERVICES

| # | Description | Code | Manpower | Labor Rate | Quant. | Price | |
|---------------|--|------------------------------------|----------|-------------|--------|-------------|--------------|
| 101 | Communications, meetings, field verification, logistics and support | 1093 Project Manager | 1 | \$110.00 | 160 | \$17,600.00 | |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 Engineer | 1 | \$90.00 | 160 | \$14,400.00 | |
| 103 | | 1108 Tech. Engineer | 0 | \$90.00 | 0 | \$0.00 | |
| 104 | Update Weld Map Documentation | 1105 Foreman | 1 | \$57.75 | 160 | \$8,662.50 | |
| 105 | Weld Count, Reusable assemblies, inspection | 1140 Foreman | 1 | \$57.75 | 150 | \$8,662.50 | |
| 106 | | 1136 Draftsman | 0 | \$90.00 | 0 | \$0.00 | |
| 107 | Cut-out, Rework, Weld, reft | 1111 Craftsman | 9 | \$54.13 | 600 | \$32,478.00 | |
| 108 | Cut-out, Rework, Prep, reft | 1076 Pipefitter | 8 | \$54.13 | 600 | \$32,478.00 | |
| 109 | | 1052 Mechanic | 0 | \$63.00 | 0 | \$0.00 | |
| 110 | | 1043 Mechanical-helper | 0 | \$35.20 | 0 | \$0.00 | |
| 111 | | 1112 Structural Welder | 0 | \$60.00 | 0 | \$0.00 | |
| 112 | | 1052 Structural Welder- Journeyman | 0 | \$40.00 | 0 | \$0.00 | |
| 113 | | 1113 Welder-Helper | 0 | \$39.00 | 0 | \$0.00 | |
| 114 | Painting and prep | 1064 Painter | 4 | \$32.28 | 120 | \$3,871.20 | |
| 115 | Stand-time, Cut-out, Rework, Prep, reft | 1043 Shop Weld Labor | 0 | \$35.25 | 0 | \$0.00 | |
| 116 | | 4319 Training Engineer | 0 | \$60.00 | 0 | \$0.00 | |
| 117 | | 4320 Training Tech | 0 | \$35.00 | 0 | \$0.00 | |
| 118 | PO, CCR, Documentation | 1008 Documentation Coord. | 1 | \$200.00 | 40 | \$800.00 | |
| MANDAY IMPACT | | | 10 | Total Labor | | 1980 | \$118,952.20 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price |
|-----------------|-------------|------|----------------|-------|------------|
| 201 | | | Electrical | 1.075 | \$0.00 |
| 202 | | | Mechanical | 1.075 | \$0.00 |
| 203 | | | SCADA/PLC | 1.075 | \$0.00 |
| 204 | | | Civil | 1.075 | \$0.00 |
| 205 | | | Gen. Services | 1.075 | \$0.00 |
| 206 | | | Support Groups | 1.075 | \$0.00 |
| 207 | | | Riggers | 1.075 | \$0.00 |
| 208 | | | Equipment | 1.15 | \$3,150.00 |
| 209 | | | Miscellaneous | 1.075 | \$0.00 |
| Total Subs Cost | | | | | \$3,150.00 |
| Total Subs | | | | | \$3,622.50 |

Comments:

| | |
|------------------------------------|--------------|
| Total E.P.M. | \$19,689.37 |
| Total Labor | \$118,952.20 |
| Total Subs | \$3,622.50 |
| Travel-extend all field operations | \$20,223.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | \$0.00 |
| Bonding | \$0.00 |
| TAX @ | 0.00% |
| TOTAL + Retainage Comp @ | 0.00% |
| Additional TOTAL MARK-UP | |
| SALES PRICE | \$162,987.07 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:28 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order Number 10A

Tom and Mark,

Attached is Change Order 010 Rev A on the filter/separator relocation and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to relocation of Filter/Separator

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the FBOs request to have fuel filtered and separated in both the loading and unloading activities; changes were made to original project design.

Due to changes in process criteria used in preparation of original design, an Engineering change was made to the original piping design. "Update on Construction Status and Issues for the Bulk Fuel Storage and Dispensing System, Addison Airport", author Sam Lundgren, Engineer (WGI) dated August 4th, 2005, dated August 11th, 2005, dated August 17th, 2005; dated August 24th, 2005; paragraph 4 document the change in piping design. Also see, "Construction Activity Report", author Rick Normandeau, Project Manager (TEI) dated July 29th, 2005.

This modification to the placement of the filter/separator caused a significant change in the piping layout. This change in design has created rework of previously fabricated joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor assisted in pipe layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

10 welds had to be cut out
7 welds had to be re-welded
21 welds were re-positioned and re-used

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
10 welds had to be re-welded
56 welds were re-positioned and re-used

Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
10 welds had to be re-welded
60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 163, 300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 21 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

R. Homan Dean 9/28/05
Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Addison Airport—Bulk Fuel Storage and Dispensing Station

I. Topic: Schedule Impact—Construction Change Request—Relocation of Filter/Separator.

II. Background/Overview—the Addison Texas bulk fuel storage and dispensing station project is considered new construction; such projects follow a traditional schedule from inception to completion:

1. Engineering
2. Solicit Bids
3. Award Project
4. Civil/Site Preparation
5. Concrete—roads and equipment foundations
6. Structural steel
7. Install Major Equipment, including storage tanks and pumps
8. Install Piping
9. Instrument and Electrical
10. Commissioning and Start-up

Other project components are included in this particular project, such as landscaping/irrigation, and installation of a canopy, but the major project components are listed above. These project components are generally addressed in consecutive order. Activities begin with step 1 and continue through step 10. At any given time, activity can occur across all of the steps—however, the majority of the work proceeds in the order given. Since this is a lump sum project, the bid was prepared with due consideration for the following: a) materials cost and delivery; b) subcontractor cost, quality of work, and productivity; c) installation costs, quality of work, and productivity; d) overall quality assurance program and required post-completion documentation; and e) startup and commissioning. A schedule was prepared to monitor progress and determine relationships between individual project tasks.

Consistent with this task listing, the project is built “from the ground up”. The first step in the field is to prepare the site for the concrete work-- followed by concrete, structural steel, installation of the storage tanks, etc. The project moves forward in this order because the concrete is needed before the storage tanks can be set; the structural steel needs to be installed before piping can be installed; and the storage tanks, piping, and steel have to be in place before the electrical and instrumentation can be run, etc.

Emphasis is placed on minimizing changes in the field; if changes are required, it is better for them to occur early in the project—to minimize rework and to maintain high productivity through the various construction phases. If a required change is identified, the following sequence must occur:

1. Engineer the optimum “work-around”—in terms of schedule, cost, and project quality.
2. Identify any additional materials or services that need to be purchased to implement the change.
3. Purchase the additional materials and/or services.
4. Take delivery of the materials/services
5. Install the materials
6. Verify proper installation.

III. Impact of Filter/Separator Relocation—Thielsch Engineering estimated the project cost and schedule based on pre-fabrication of a large percentage of the large bore piping in their Corpus Christi fabrication facility, followed by mobilization to the Addison site and completion of piping on-site. The factors favoring this approach were as follows:

- Qualified welders were on-site
- Quality assurance procedures were in place
- Experienced supervision was available
- Work could progress independent of Addison site activity; progress could be made in parallel with those tasks that traditionally precede piping

By the time it was determined that the filter/separator would need to be relocated, previously welded spool pieces had already been shipped to the site and qualified welders and welding supervision had already mobilized to the Addison site. This mobilization took place in conjunction with other construction activities at the Addison site—the timing was intended to dovetail with these activities; the tanks were set, and the site was “ready” for welding activities to continue.

The impact of the filter/separator relocation is best described by detailing the activities that occurred around that event:

Identification of Problem

- TEI is advised of potential problem (on or about Monday, July 25)

- TEI begins to identify and evaluate options to address the problem

Physical layout design

- Conceptual layout of equipment patterns to check for fit, interferences, and accessibility. Rick Normandeau sent e-mail with pictures of proposed new layout on Wednesday July 27.
- Detailed dimensioning of fittings, valves, flex hoses, etc.
- Elevation checks of fitting offsets to mate with equipment flanges.
- Verify fill and suction line routings to clear tank openings.
- Obtain field dimensions using plumb bobs and squares.
- Check layout for other tanks because electrical conduit and racks existed on some.

Documentation revisions

- Draw isometrics and include field measured dimensions.
- FOR EACH OF THE 14 TANKS draw new weld maps for new piping and equipment configuration.
- Review weld tracking charts and ID which welds were already made on the 14 new weld maps.
- Determine which pipe spools were eliminated or changed.
- Try to make deleted spools usable elsewhere in the piping.
- Renumber the welds on the new weld maps with the actual numbers they were made by.
- Determine which welds were to be cut out to be able to use some of the welds and fittings in the new configuration.
- Check for duplicate weld numbers.
- Update weld maps and quality assurance documentation

Physical work and rework

- Locate spool pieces to be reused but at different locations
- ID welds to be cut out – get second person to confirm correct weld to be cut
- Re-prep pipe/fittings
- Re-weld cut out welds

The impact in terms of days is summarized below:

1. *Identification of Problem—1 day*; the problem was communicated to the field, and the work force was immediately notified that a significant change was being considered. Productivity was immediately affected.

2. *Paper Revisions—8 days*; the tasks listed for this section are summarized above. This was a significant undertaking—completed by field construction personnel in conjunction with home office engineering personnel.
3. *Physical work and rework—14 days*; while some other welds that were unaffected by the modification were being made, the rearrangement activities for the reworked and re-positioned spools significantly slowed productivity. In addition, some of the manpower working the pipe had to be reassigned to work other activities until the majority of the documentation could be sorted out. Although the transition back to full production lasted for several weeks, if consolidated, it is estimated to have been a full 14 days. When the work was proceeding as originally planned, a significant number of quality/acceptable welds were being completed. The steps required to reuse as much of the piping as possible required a work stoppage, and a significant loss of productivity.
4. *Impacting other disciplines—5 days*; as a result of delaying the completion of the piping, valves, supports, and equipment installation, it followed that the electrical and painting activities were delayed as well. It is estimated that the piping delays described above resulted in a 5 day delay to the work that had to follow the piping completion. This is a conservative estimate, since a significant change like this impacts other disciplines—instrument/electrical, painting, quality assurance documentation, field purchasing, etc.

Even though this adds up to a 28 day impact, we recognized then—and are giving credit now—that there were steps we would take to shorten the overall impact of the filter/separator relocation.

Total 21 days

IV. Discussion: The point was made early in this document that a new construction project generally follows a traditional schedule, and that changes have a varying degree of project schedule (and cost) impact depending on when they occur. A change of this magnitude, three months into the construction cycle and six+ months after receipt of a “complete” engineering package, has a very significant effect on all construction disciplines.

From the beginning of the project, Thielsch has teamed with the Town of Addison and the Engineers supporting this project by working through issues--by providing suggestions, obtaining field information when requested, and suggesting modifications to save time and money; it has been our experience that the Town, and Engineers, responded in kind. If Thielsch Engineering had not taken a pro-active role in immediately trying to come up with a new piping and equipment configuration that would physically fit and perform as intended—an activity which is traditionally the role of the Engineering firm, not the Construction Contractor—then the impact of the change to the schedule would have been much greater.

Construction Change Order

For required change to relocation of Filter/Separator

05-02 Bulk Fuel Storage and Dispensing System

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This modification to the placement of the filter/separator caused a significant change in the piping layout. This change in design has created rework of previously fabricated joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor assisted in pipe layout, determination of reusable material and piping isometric material. *new weld prev. fab. joints*

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

- 10 welds had to be cut out
- 7 welds had to be re-welded
- 21 welds were re-positioned and re-used

FBO walk thru to change to design

*ATA 103
Burns & Mac
not designed to industry std
ATA 103*

NON DESTRUCT. ENLARGEMENTS

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
10 welds had to be re-welded
56 welds were re-positioned and re-used

Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
10 welds had to be re-welded
60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 163,300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 21 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order**For required change to relocation of Filter/Separator****05-02 Bulk Fuel Storage and Dispensing System**

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This modification to the placement of the filter/separator caused a significant change in the piping layout. At the request of the Project Manager, Thielsch construction personnel developed a conceptual layout using equipment templates and piping and valve criteria. In order to minimize impact to the overall project schedule, photographs were forwarded to the Project Manager and an acceptable alternative equipment layout was developed. This change in design has created rework of previously fabricated weld joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor led the effort in developing the revised piping layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

10 welds had to be cut out

7 welds had to be re-welded; 21 welds were re-positioned and re-used

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

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16 welds had to be cut out
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Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
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60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

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3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$163,000.00

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001

Total Costs \$159,946.39
Gross Margin % 1.87%
Gross Profit \$3,053.61

Bid Date:CCR-010 Rev A-Filter Separator Relocation

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | |
|----------------------------------|--|--------|----------|-------------|--------|--------------|-------|-------------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
| 1 | Reducer (Unusable Lengths) PIPE 4" Epoxy Coated Inside and out | NA | AUERPIPE | \$10.99 | 1200 | \$12,816.00 | 1.15 | \$14,738.40 |
| 2 | Reducer (Unusable Lengths) PIPE 3" Epoxy Coated Inside and out | NA | AUERPIPE | \$9.10 | 400 | \$3,240.00 | 1.15 | \$3,726.00 |
| 3 | Reducer 4" Flanges | NA | AUERPIPE | \$19.88 | 32 | \$629.76 | 1.15 | \$724.22 |
| 4 | Reducer 4" 90 degree elbows | NA | AUERPIPE | \$14.18 | 21 | \$297.99 | 1.15 | \$342.89 |
| 5 | Reducer 3" Flanges | NA | AUERPIPE | \$13.92 | 6 | \$82.92 | 1.15 | \$95.36 |
| 6 | Reducer 3" 90 degree elbows | NA | AUERPIPE | \$12.83 | 4 | \$51.52 | 1.15 | \$59.25 |
| 7 | | NA | | | | | 1.15 | \$0.00 |
| 8 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 9 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 10 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 11 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 12 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 13 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 14 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 15 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 16 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 17 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 18 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 19 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| 20 | | NA | | | | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$17,121.19 | | Total E.C.M. | | \$19,689.37 |

| TEI LABOR SERVICES | | | | | | | | |
|--------------------|--|------|-------------------------------|----------|------------|--------------|------|--------------|
| # | Description | Code | | Manpower | Labor Rate | Quant. Hours | | Price |
| 101 | Communications: meetings, field verification, logistics, and support | 1093 | Project Manager | | \$110.00 | 160 | | \$17,600.00 |
| 102 | Communications: meetings, field verification, logistics, and support | 1021 | Engineer | | \$90.00 | 160 | | \$14,400.00 |
| 103 | | 1108 | Tech. Engineer | | \$90.00 | 0 | | \$0.00 |
| 104 | Update Weld Map Documentation | 1105 | Foreman | | \$57.75 | 150 | | \$8,662.50 |
| 105 | Weld Count - Reusable assemblies: inspection | 1140 | Foreman | | \$57.75 | 150 | | \$8,662.50 |
| 106 | | 1139 | Draftsman | | \$60.00 | 0 | | \$0.00 |
| 107 | Cut-out Rework Weld reit | 1111 | Craftsman | | \$54.13 | 600 | | \$32,478.00 |
| 108 | Cut-out Rework Prep. reit | 1076 | Pipefitter | | \$54.13 | 600 | | \$32,478.00 |
| 109 | | 1052 | Mechanic | | \$63.00 | 0 | | \$0.00 |
| 110 | | 1043 | Mechanical-helper | | \$35.20 | 0 | | \$0.00 |
| 111 | | 1112 | Structural Welder | | \$60.00 | 0 | | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | | \$40.00 | 0 | | \$0.00 |
| 113 | | 1113 | Welder-Helper | | \$30.00 | 0 | | \$0.00 |
| 114 | Painting and prep | 1064 | Painter | | \$32.26 | 120 | | \$3,871.20 |
| 115 | Stand-time, Cut-out, Rework, Prep, reit | 1043 | Shop Weld Labor | | \$35.25 | 0 | | \$0.00 |
| 116 | | 4319 | Training | Engineer | \$60.00 | 0 | | \$0.00 |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | | \$0.00 |
| 118 | PO, CCR, Documentation | 1008 | Documentation Coord. | | \$20.00 | 40 | | \$800.00 |
| MANDAY IMPACT | | | | 10 | | Total Labor | 1880 | \$118,952.20 |

| SUB CONTRACTOR SERVICES | | | | | | | | |
|-------------------------|-------------|------|----------------|------------|------------|------------|--|------------|
| # | Description | Name | Type | | Mult. | Price | | |
| 201 | | | Electrical | | \$0.00 | 1,075 | | \$0.00 |
| 202 | | | Mechanical | | \$0.00 | 1,075 | | \$0.00 |
| 203 | | | SCADA/PLC | | \$0.00 | 1,075 | | \$0.00 |
| 204 | | | Civil | | \$0.00 | 1,075 | | \$0.00 |
| 205 | | | Gen. Services | | \$0.00 | 1,075 | | \$0.00 |
| 206 | | | Support Groups | | \$0.00 | 1,075 | | \$0.00 |
| 207 | | | Riggers | | \$0.00 | 1,075 | | \$0.00 |
| 208 | | | Equipment | | \$3,150.00 | 1.15 | | \$3,622.50 |
| 209 | | | Miscellaneous | | \$0.00 | 1,075 | | \$0.00 |
| Total Subs Cost | | | | \$3,150.00 | | Total Subs | | \$3,622.50 |

| | | | | | |
|-----------|--|--|--|------------------------------------|--------------|
| Comments: | | | | Total E.P.M | \$19,689.37 |
| | | | | Total Labor | \$118,952.20 |
| | | | | Total Subs | \$3,622.50 |
| | | | | Travel-extend all field operations | \$20,223.00 |
| | | | | Factory Training | \$0.00 |
| | | | | Freight | \$500.00 |
| | | | | Permits | \$0.00 |
| | | | | Carrying Cost (days) | \$0.00 |
| | | | | Bonding | \$0.00 |
| | | | | TAX @ | 0.00% |
| | | | | TOTAL | \$162,987.07 |
| | | | | TOTAL + Retainage Comp @ | 0.00% |
| | | | | Additional TOTAL MARK-UP | |
| | | | | SALES PRICE | \$162,987.07 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:28 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order Number 10A

Tom and Mark,

Attached is Change Order 010 Rev A on the filter/separator relocation and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to relocation of Filter/Separator

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the FBOs request to have fuel filtered and separated in both the loading and unloading activities; changes were made to original project design.

Due to changes in process criteria used in preparation of original design, an Engineering change was made to the original piping design. "Update on Construction Status and Issues for the Bulk Fuel Storage and Dispensing System, Addison Airport", author Sam Lundgren, Engineer (WGI) dated August 4th, 2005, dated August 11th, 2005, dated August 17th, 2005; dated August 24th, 2005; paragraph 4 document the change in piping design. Also see, "Construction Activity Report", author Rick Normandeau, Project Manager (TEI) dated July 29th, 2005.

This modification to the placement of the filter/separator caused a significant change in the piping layout. This change in design has created rework of previously fabricated joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor assisted in pipe layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

10 welds had to be cut out

7 welds had to be re-welded

21 welds were re-positioned and re-used

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
10 welds had to be re-welded
56 welds were re-positioned and re-used

Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
10 welds had to be re-welded
60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 163, 300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 21 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

| | |
|---|--|
| <hr/> <i>R Roman Dean</i> <hr/> Thielsch Engineering, Inc. | <hr/> <i>9/28/05</i> <hr/> Date |
| <hr/> Town of Addison | <hr/> Date |

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Addison Airport—Bulk Fuel Storage and Dispensing Station

I. **Topic: Schedule Impact**—Construction Change Request—
Relocation of Filter/Separator.

II. **Background/Overview**—the Addison Texas bulk fuel storage and dispensing station project is considered new construction; such projects follow a traditional schedule from inception to completion:

1. Engineering
2. Solicit Bids
3. Award Project
4. Civil/Site Preparation
5. Concrete—roads and equipment foundations
6. Structural steel
7. Install Major Equipment, including storage tanks and pumps
8. Install Piping
9. Instrument and Electrical
10. Commissioning and Start-up

Other project components are included in this particular project, such as landscaping/irrigation, and installation of a canopy, but the major project components are listed above. These project components are generally addressed in consecutive order. Activities begin with step 1 and continue through step 10. At any given time, activity can occur across all of the steps—however, the majority of the work proceeds in the order given. Since this is a lump sum project, the bid was prepared with due consideration for the following: a) materials cost and delivery; b) subcontractor cost, quality of work, and productivity; c) installation costs, quality of work, and productivity; d) overall quality assurance program and required post-completion documentation; and e) startup and commissioning. A schedule was prepared to monitor progress and determine relationships between individual project tasks.

Consistent with this task listing, the project is built “from the ground up”. The first step in the field is to prepare the site for the concrete work-- followed by concrete, structural steel, installation of the storage tanks, etc. The project moves forward in this order because the concrete is needed before the storage tanks can be set; the structural steel needs to be installed before piping can be installed; and the storage tanks, piping, and steel have to be in place before the electrical and instrumentation can be run, etc.

Emphasis is placed on minimizing changes in the field; if changes are required, it is better for them to occur early in the project—to minimize rework and to maintain high productivity through the various construction phases. If a required change is identified, the following sequence must occur:

1. Engineer the optimum “work-around”—in terms of schedule, cost, and project quality.
2. Identify any additional materials or services that need to be purchased to implement the change.
3. Purchase the additional materials and/or services.
4. Take delivery of the materials/services
5. Install the materials
6. Verify proper installation.

III. Impact of Filter/Separator Relocation—Thielsch Engineering estimated the project cost and schedule based on pre-fabrication of a large percentage of the large bore piping in their Corpus Christi fabrication facility, followed by mobilization to the Addison site and completion of piping on-site. The factors favoring this approach were as follows:

- Qualified welders were on-site
- Quality assurance procedures were in place
- Experienced supervision was available
- Work could progress independent of Addison site activity; progress could be made in parallel with those tasks that traditionally precede piping

By the time it was determined that the filter/separator would need to be relocated, previously welded spool pieces had already been shipped to the site and qualified welders and welding supervision had already mobilized to the Addison site. This mobilization took place in conjunction with other construction activities at the Addison site—the timing was intended to dovetail with these activities; the tanks were set, and the site was “ready” for welding activities to continue.

The impact of the filter/separator relocation is best described by detailing the activities that occurred around that event:

Identification of Problem

- TEI is advised of potential problem (on or about Monday, July 25)

- TEI begins to identify and evaluate options to address the problem

Physical layout design

- Conceptual layout of equipment patterns to check for fit, interferences, and accessibility. Rick Normandeau sent e-mail with pictures of proposed new layout on Wednesday July 27.
- Detailed dimensioning of fittings, valves, flex hoses, etc.
- Elevation checks of fitting offsets to mate with equipment flanges.
- Verify fill and suction line routings to clear tank openings.
- Obtain field dimensions using plumb bobs and squares.
- Check layout for other tanks because electrical conduit and racks existed on some.

Documentation revisions

- Draw isometrics and include field measured dimensions.
- FOR EACH OF THE 14 TANKS draw new weld maps for new piping and equipment configuration.
- Review weld tracking charts and ID which welds were already made on the 14 new weld maps.
- Determine which pipe spools were eliminated or changed.
- Try to make deleted spools usable elsewhere in the piping.
- Renumber the welds on the new weld maps with the actual numbers they were made by.
- Determine which welds were to be cut out to be able to use some of the welds and fittings in the new configuration.
- Check for duplicate weld numbers.
- Update weld maps and quality assurance documentation

Physical work and rework

- Locate spool pieces to be reused but at different locations
- ID welds to be cut out – get second person to confirm correct weld to be cut
- Re-prep pipe/fittings
- Re-weld cut out welds

The impact in terms of days is summarized below:

1. *Identification of Problem—1 day*; the problem was communicated to the field, and the work force was immediately notified that a significant change was being considered. Productivity was immediately affected.

2. *Paper Revisions—8 days*; the tasks listed for this section are summarized above. This was a significant undertaking—completed by field construction personnel in conjunction with home office engineering personnel.
3. *Physical work and rework—14 days*; while some other welds that were unaffected by the modification were being made, the rearrangement activities for the reworked and re-positioned spools significantly slowed productivity. In addition, some of the manpower working the pipe had to be reassigned to work other activities until the majority of the documentation could be sorted out. Although the transition back to full production lasted for several weeks, if consolidated, it is estimated to have been a full 14 days. When the work was proceeding as originally planned, a significant number of quality/acceptable welds were being completed. The steps required to reuse as much of the piping as possible required a work stoppage, and a significant loss of productivity.
4. *Impacting other disciplines—5 days*; as a result of delaying the completion of the piping, valves, supports, and equipment installation, it followed that the electrical and painting activities were delayed as well. It is estimated that the piping delays described above resulted in a 5 day delay to the work that had to follow the piping completion. This is a conservative estimate, since a significant change like this impacts other disciplines—instrument/electrical, painting, quality assurance documentation, field purchasing, etc.

Even though this adds up to a 28 day impact, we recognized then—and are giving credit now—that there were steps we would take to shorten the overall impact of the filter/separator relocation.

Total 21 days

IV. Discussion: The point was made early in this document that a new construction project generally follows a traditional schedule, and that changes have a varying degree of project schedule (and cost) impact depending on when they occur. A change of this magnitude, three months into the construction cycle and six+ months after receipt of a “complete” engineering package, has a very significant effect on all construction disciplines.

))

From the beginning of the project, Thielsch has teamed with the Town of Addison and the Engineers supporting this project by working through issues--by providing suggestions, obtaining field information when requested, and suggesting modifications to save time and money; it has been our experience that the Town, and Engineers, responded in kind. If Thielsch Engineering had not taken a pro-active role in immediately trying to come up with a new piping and equipment configuration that would physically fit and perform as intended—an activity which is traditionally the role of the Engineering firm, not the Construction Contractor—then the impact of the change to the schedule would have been much greater.

Construction Change Order

For required change to relocation of Filter/Separator

05-02 Bulk Fuel Storage and Dispensing System

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1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

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Due to changes in process criteria used in preparation of original design, an Engineering change was made to the original piping design. "Update on Construction Status and Issues for the Bulk Fuel Storage and Dispensing System, Addison Airport", author Sam Lundgren, Engineer (WGI) dated August 4th, 2005, dated August 11th, 2005, dated August 17th, 2005; dated August 24th, 2005; paragraph 4 document the change in piping design. Also see, "Construction Activity Report", author Rick Normandeau, Project Manager (TEI) dated July 29th, 2005.

This modification to the placement of the filter/separator caused a significant change in the piping layout. This change in design has created rework of previously fabricated joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor assisted in pipe layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

- 10 welds had to be cut out
- 7 welds had to be re-welded
- 21 welds were re-positioned and re-used

FBO walk thru to change to design
 ATA 103
 Burns & Mac
 not designed to industry std
 ATA 103

NON DESTRUCT. Enhancement

re-weld prev. fab. joints

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
10 welds had to be re-welded
56 welds were re-positioned and re-used

Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
10 welds had to be re-welded
60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 163, 300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is (+ 21 days)
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to relocation of Filter/Separator

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

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This modification to the placement of the filter/separator caused a significant change in the piping layout. At the request of the Project Manager, Thielsch construction personnel developed a conceptual layout using equipment templates and piping and valve criteria. In order to minimize impact to the overall project schedule, photographs were forwarded to the Project Manager and an acceptable alternative equipment layout was developed. This change in design has created rework of previously fabricated weld joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor led the effort in developing the revised piping layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

10 welds had to be cut out

7 welds had to be re-welded; 21 welds were re-positioned and re-used

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

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For required change to relocation of Filter/Separator

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$163,000.00
 Total Costs \$159,946.39
 Gross Margin % 1.87%
 Gross Profit \$3,053.61

ADDISON AIRPORT
 Public Works, 16501 Westgrove Drive
 Addison, Texas 75001
 Bid Date:CCR-010 Rev A-Filter Separator Relocation

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | |
|----------------------------------|---|--------|-----------|-------------------|-------------|--------------|-------------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Price |
| 1 | Reorder:(Reusable Length) PIPE 4" Epoxy Coated Inside and out | NA | AMER PIPE | \$10.50 | 1200 | \$12,600.00 | \$14,738.40 |
| 2 | Reorder:(Reusable Length) PIPE 3" Epoxy Coated Inside and out | NA | AMER PIPE | \$9.10 | 400 | \$3,240.00 | \$3,726.00 |
| 3 | Reorder:4" Flanges | NA | AMER PIPE | \$19.85 | 32 | \$629.76 | \$724.22 |
| 4 | Reorder:4" 90 degree Elbows | NA | AMER PIPE | \$14.10 | 21 | \$297.99 | \$342.69 |
| 5 | Reorder:3" Flanges | NA | AMER PIPE | \$13.82 | 6 | \$82.92 | \$95.36 |
| 6 | Reorder:3" 90 degree Elbows | NA | AMER PIPE | \$13.82 | 4 | \$54.52 | \$62.70 |
| 7 | | NA | | | | | \$0.00 |
| 8 | | NA | | | | | \$0.00 |
| 9 | | NA | | | | | \$0.00 |
| 10 | | NA | | | | | \$0.00 |
| 11 | | NA | | | | | \$0.00 |
| 12 | | NA | | | | | \$0.00 |
| 13 | | NA | | | | | \$0.00 |
| 14 | | NA | | | | | \$0.00 |
| 15 | | NA | | | | | \$0.00 |
| 16 | | NA | | | | | \$0.00 |
| 17 | | NA | | | | | \$0.00 |
| 18 | | NA | | | | | \$0.00 |
| 19 | | NA | | | | | \$0.00 |
| 20 | | NA | | | | | \$0.00 |
| | | | | Total E.C.M Costs | \$17,121.19 | Total E.C.M. | \$19,689.37 |

| TEI LABOR SERVICES | | | | | | | |
|--------------------|--|------------------------------------|---------------|------------|--------------|-------------|--------------|
| # | Description | Code | Manpower | Labor Rate | Quant. Hours | Price | |
| 101 | Communications, meetings, field verification, logistics and support | 1083 Project Manager | 1 | \$110.00 | 150 | \$17,500.00 | |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 Engineer | 1 | \$90.00 | 160 | \$14,400.00 | |
| 103 | | 1108 Tech. Engineer | 0 | \$80.00 | 0 | \$0.00 | |
| 104 | Update Weld Map Documentation | 1105 Foreman | 1 | \$57.75 | 150 | \$8,662.50 | |
| 105 | Weld Count, Reusable assemblies, Inspection | 1140 Foreman | 1 | \$57.75 | 150 | \$8,662.50 | |
| 106 | | 1136 Draftsman | 0 | \$60.00 | 0 | \$0.00 | |
| 107 | Cut-out, Rework, Weld, left | 1111 Craftsman | 8 | \$54.13 | 600 | \$32,478.00 | |
| 108 | Cut-out, Rework, Prep, left | 1076 Pipefitter | 8 | \$54.13 | 600 | \$32,478.00 | |
| 109 | | 1052 Mechanic | 0 | \$3.20 | 0 | \$0.00 | |
| 110 | | 1043 Mechanical-helper | 0 | \$35.20 | 0 | \$0.00 | |
| 111 | | 1112 Structural Welder | 0 | \$60.00 | 0 | \$0.00 | |
| 112 | | 1052 Structural Welder- Journeyman | 0 | \$40.00 | 0 | \$0.00 | |
| 113 | | 1113 Welder-Helper | 0 | \$30.00 | 0 | \$0.00 | |
| 114 | Painting and prep | 1064 Painter | 4 | \$32.28 | 120 | \$3,871.20 | |
| 115 | Stand-time, Cut-out, Rework, Prep, left | 1043 Shop Weld Labor | 0 | \$35.25 | 0 | \$0.00 | |
| 116 | | 4319 Training | Engineer | \$60.00 | 0 | \$0.00 | |
| 117 | | 4320 Training | Tech | \$35.00 | 0 | \$0.00 | |
| 118 | PO, CCR, Documentation | 1008 Documentation Coord. | 1 | \$20.00 | 40 | \$800.00 | |
| | | | MANDAY IMPACT | | | | |
| | | | 10 | | Total Labor | 1980 | \$118,952.20 |

| SUB CONTRACTOR SERVICES | | | | | | | |
|-------------------------|-------------|------|----------------|-----------------|------------|------------|------------|
| # | Description | Name | Type | | Mult. | Price | |
| 201 | | | Electrical | \$0.00 | 1.075 | \$0.00 | |
| 202 | | | Mechanical | \$0.00 | 1.075 | \$0.00 | |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | \$0.00 | |
| 204 | | | Civil | \$0.00 | 1.075 | \$0.00 | |
| 205 | | | Gen. Services | \$0.00 | 1.075 | \$0.00 | |
| 206 | | | Support Groups | \$0.00 | 1.075 | \$0.00 | |
| 207 | | | Riggers | \$0.00 | 1.075 | \$0.00 | |
| 208 | | | Equipment | \$3,150.00 | 1.15 | \$3,622.50 | |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | \$0.00 | |
| | | | | Total Subs Cost | \$3,150.00 | Total Subs | \$3,622.50 |

| | | |
|-----------|------------------------------------|--------------|
| Comments: | Total E.P.M | \$19,689.37 |
| | Total Labor | \$118,952.20 |
| | Total Subs | \$3,622.50 |
| | Travel-extend all field operations | \$20,223.00 |
| | Factory Training | \$0.00 |
| | Freight | \$0.00 |
| | Permits | \$0.00 |
| | Carrying Cost (days) | \$0.00 |
| | Bonding | \$0.00 |
| | TAX @ 0.00% | \$0.00 |
| | TOTAL | \$162,987.07 |
| | TOTAL + Retainage Comp @ 0.00% | \$162,987.07 |
| | Additional TOTAL MARK-UP | |
| | SALES PRICE | \$162,987.07 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: mormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:28 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order Number 10A

Tom and Mark,

Attached is Change Order 010 Rev A on the filter/separator relocation and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to relocation of Filter/Separator

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This modification to the placement of the filter/separator caused a significant change in the piping layout. This change in design has created rework of previously fabricated joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor assisted in pipe layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

10 welds had to be cut out

7 welds had to be re-welded

21 welds were re-positioned and re-used

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
10 welds had to be re-welded
56 welds were re-positioned and re-used

Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
10 welds had to be re-welded
60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 163, 300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 21 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

Rhoman dean 9/28/05
Thiensch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Addison Airport—Bulk Fuel Storage and Dispensing Station

I. **Topic: Schedule Impact**—Construction Change Request—Relocation of Filter/Separator.

II. **Background/Overview**—the Addison Texas bulk fuel storage and dispensing station project is considered new construction; such projects follow a traditional schedule from inception to completion:

1. Engineering
2. Solicit Bids
3. Award Project
4. Civil/Site Preparation
5. Concrete—roads and equipment foundations
6. Structural steel
7. Install Major Equipment, including storage tanks and pumps
8. Install Piping
9. Instrument and Electrical
10. Commissioning and Start-up

Other project components are included in this particular project, such as landscaping/irrigation, and installation of a canopy, but the major project components are listed above. These project components are generally addressed in consecutive order. Activities begin with step 1 and continue through step 10. At any given time, activity can occur across all of the steps—however, the majority of the work proceeds in the order given. Since this is a lump sum project, the bid was prepared with due consideration for the following: a) materials cost and delivery; b) subcontractor cost, quality of work, and productivity; c) installation costs, quality of work, and productivity; d) overall quality assurance program and required post-completion documentation; and e) startup and commissioning. A schedule was prepared to monitor progress and determine relationships between individual project tasks.

Consistent with this task listing, the project is built “from the ground up”. The first step in the field is to prepare the site for the concrete work-- followed by concrete, structural steel, installation of the storage tanks, etc. The project moves forward in this order because the concrete is needed before the storage tanks can be set; the structural steel needs to be installed before piping can be installed; and the storage tanks, piping, and steel have to be in place before the electrical and instrumentation can be run, etc.

Emphasis is placed on minimizing changes in the field; if changes are required, it is better for them to occur early in the project—to minimize rework and to maintain high productivity through the various construction phases. If a required change is identified, the following sequence must occur:

1. Engineer the optimum “work-around”—in terms of schedule, cost, and project quality.
2. Identify any additional materials or services that need to be purchased to implement the change.
3. Purchase the additional materials and/or services.
4. Take delivery of the materials/services
5. Install the materials
6. Verify proper installation.

III. Impact of Filter/Separator Relocation—Thielsch Engineering estimated the project cost and schedule based on pre-fabrication of a large percentage of the large bore piping in their Corpus Christi fabrication facility, followed by mobilization to the Addison site and completion of piping on-site. The factors favoring this approach were as follows:

- Qualified welders were on-site
- Quality assurance procedures were in place
- Experienced supervision was available
- Work could progress independent of Addison site activity; progress could be made in parallel with those tasks that traditionally precede piping

By the time it was determined that the filter/separator would need to be relocated, previously welded spool pieces had already been shipped to the site and qualified welders and welding supervision had already mobilized to the Addison site. This mobilization took place in conjunction with other construction activities at the Addison site—the timing was intended to dovetail with these activities; the tanks were set, and the site was “ready” for welding activities to continue.

The impact of the filter/separator relocation is best described by detailing the activities that occurred around that event:

Identification of Problem

- TEI is advised of potential problem (on or about Monday, July 25)

- TEI begins to identify and evaluate options to address the problem

Physical layout design

- Conceptual layout of equipment patterns to check for fit, interferences, and accessibility. Rick Normandeau sent e-mail with pictures of proposed new layout on Wednesday July 27.
- Detailed dimensioning of fittings, valves, flex hoses, etc.
- Elevation checks of fitting offsets to mate with equipment flanges.
- Verify fill and suction line routings to clear tank openings.
- Obtain field dimensions using plumb bobs and squares.
- Check layout for other tanks because electrical conduit and racks existed on some.

Documentation revisions

- Draw isometrics and include field measured dimensions.
- FOR EACH OF THE 14 TANKS draw new weld maps for new piping and equipment configuration.
- Review weld tracking charts and ID which welds were already made on the 14 new weld maps.
- Determine which pipe spools were eliminated or changed.
- Try to make deleted spools usable elsewhere in the piping.
- Renumber the welds on the new weld maps with the actual numbers they were made by.
- Determine which welds were to be cut out to be able to use some of the welds and fittings in the new configuration.
- Check for duplicate weld numbers.
- Update weld maps and quality assurance documentation

Physical work and rework

- Locate spool pieces to be reused but at different locations
- ID welds to be cut out – get second person to confirm correct weld to be cut
- Re-prepare pipe/fittings
- Re-weld cut out welds

The impact in terms of days is summarized below:

1. *Identification of Problem—1 day*; the problem was communicated to the field, and the work force was immediately notified that a significant change was being considered. Productivity was immediately affected.

2. *Paper Revisions—8 days*; the tasks listed for this section are summarized above. This was a significant undertaking—completed by field construction personnel in conjunction with home office engineering personnel.
3. *Physical work and rework—14 days*; while some other welds that were unaffected by the modification were being made, the rearrangement activities for the reworked and re-positioned spools significantly slowed productivity. In addition, some of the manpower working the pipe had to be reassigned to work other activities until the majority of the documentation could be sorted out. Although the transition back to full production lasted for several weeks, if consolidated, it is estimated to have been a full 14 days. When the work was proceeding as originally planned, a significant number of quality/acceptable welds were being completed. The steps required to reuse as much of the piping as possible required a work stoppage, and a significant loss of productivity.
4. *Impacting other disciplines—5 days*; as a result of delaying the completion of the piping, valves, supports, and equipment installation, it followed that the electrical and painting activities were delayed as well. It is estimated that the piping delays described above resulted in a 5 day delay to the work that had to follow the piping completion. This is a conservative estimate, since a significant change like this impacts other disciplines—instrument/electrical, painting, quality assurance documentation, field purchasing, etc.

Even though this adds up to a 28 day impact, we recognized then—and are giving credit now—that there were steps we would take to shorten the overall impact of the filter/separator relocation.

Total 21 days

IV. Discussion: The point was made early in this document that a new construction project generally follows a traditional schedule, and that changes have a varying degree of project schedule (and cost) impact depending on when they occur. A change of this magnitude, three months into the construction cycle and six+ months after receipt of a “complete” engineering package, has a very significant effect on all construction disciplines.

))

From the beginning of the project, Thielsch has teamed with the Town of Addison and the Engineers supporting this project by working through issues--by providing suggestions, obtaining field information when requested, and suggesting modifications to save time and money; it has been our experience that the Town, and Engineers, responded in kind. If Thielsch Engineering had not taken a pro-active role in immediately trying to come up with a new piping and equipment configuration that would physically fit and perform as intended—an activity which is traditionally the role of the Engineering firm, not the Construction Contractor—then the impact of the change to the schedule would have been much greater.

Construction Change Order

For required change to relocation of Filter/Separator

05-02 Bulk Fuel Storage and Dispensing System

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This modification to the placement of the filter/separator caused a significant change in the piping layout. This change in design has created rework of previously fabricated joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor assisted in pipe layout, determination of reusable material and piping isometric material. *new weld prev. fab. joints*

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

- 10 welds had to be cut out
- 7 welds had to be re-welded
- 21 welds were re-positioned and re-used

FBO walk thru to change to design
ATA 103
Burns & Mac
not designed to industry std
ATA 103

NON DESTRUCT. Enhancement

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
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For required change to relocation of Filter/Separator

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to Add 5 Static Grounding Reels

05-02 Bulk Fuel Storage and Dispensing System

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1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A design change was made to add 5 Static Grounding Reels to the tanker truck unloading side of the tank containment. The addition of the 5 Static Grounding Reels represents a modification to the original specified design and generates an additional cost of construction. This additional cost represents a change to the original bid package:

Newly Specified Materials

(5 ea.) Static Grounding Reels

Additional Labor Charges and Handling

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing wire, electrical connections, mechanical connections and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 5,700.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
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3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Add 5 Static Grounding Reels

| | |
|-----------------------------------|-------------|
| <hr/> | <hr/> |
| Thielsch Engineering, Inc. | Date |

| | |
|------------------------|-------------|
| <hr/> | <hr/> |
| Town of Addison | Date |

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering

ADDITION AIRPORT
Public Works, 18501 Westgrove Drive
Addison, Texas 75001

Date: Monday, August 15, 2005

Sale Price \$5,700.00
Total Costs \$4,960.00
Gross Margin % 12.99%
Gross Profit \$740.00

Bid Date: CCR-011 Rev A - Static Grounding Reels

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | |
|----------------------------------|-------------|--------|--------|-----------|--------------|------------|-------|--------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
| 1 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 2 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 3 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 4 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 5 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 6 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 7 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 8 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 9 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 10 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 11 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 12 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 13 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 14 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 15 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 16 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 17 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 18 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 19 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 20 | | | | | | \$0.00 | 1.2 | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | Total E.C.M. | | | \$0.00 |

| Thielsch Engineering | | Code | | MANPOWER | | Labor Rate | Quant. Hours | Price |
|----------------------|---|------|-------------------------------|----------|-------------|------------|--------------|----------|
| # | Description | | | | | | | |
| 101 | | 1093 | Project Manager | | | \$110.00 | 0 | \$0.00 |
| 102 | Engineering coordination, communications, meetings, corrective action | 1021 | Engineer | | 1 | \$90.00 | 4 | \$360.00 |
| 103 | | 1106 | Tech. Engineer | | | \$60.00 | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | | | \$75.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | | | \$57.75 | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | | | \$60.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | | | \$63.00 | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | | | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | | | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | | | \$35.20 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | | | \$60.00 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | | | \$40.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | | | \$30.00 | 0 | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | | | \$25.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | | | \$35.25 | 0 | \$0.00 |
| 116 | | 4319 | Training | Engineer | | \$60.00 | 0 | \$0.00 |
| 117 | | 4320 | Training | Tech | | \$35.00 | 0 | \$0.00 |
| 118 | PO, CCR, Documentation, sub coordination | 1008 | Documentation Coord. | | | \$20.00 | 0 | \$0.00 |
| MANDAY IMPACT | | | | 0.5 | Total Labor | | 4 | \$360.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | |
|-------------------------|--------------------------|---------|----------------|------------|------------|------------|--|------------|
| # | Description | Name | Type | | Mult. | Price | | |
| 201 | ADDITION OF Static Reels | Repeals | Electrical | | 1.15 | \$4,600.00 | | \$5,290.00 |
| 202 | | | Mechanical | | 1.15 | \$0.00 | | \$0.00 |
| 203 | | | SCADA/PLC | | 1.15 | \$0.00 | | \$0.00 |
| 204 | | | Civil | | 1.15 | \$0.00 | | \$0.00 |
| 205 | | | Gen. Services | | 1.15 | \$0.00 | | \$0.00 |
| 206 | | | Support Groups | | 1.15 | \$0.00 | | \$0.00 |
| 207 | | | Riggers | | 1.15 | \$0.00 | | \$0.00 |
| 208 | | | Equipment | | 1.15 | \$0.00 | | \$0.00 |
| 209 | | | Miscellaneous | | 1.15 | \$0.00 | | \$0.00 |
| Total Subs Cost | | | | \$4,600.00 | Total Subs | | | \$5,290.00 |

| | | | |
|--|--|--------------------------------|------------|
| Comments: | | Total E.P.M. | \$0.00 |
| | | Total Labor | \$360.00 |
| | | Total Subs | \$5,290.00 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ 0.00% | \$0.00 |
| | | TOTAL | \$5,650.00 |
| | | TOTAL + Retainage Comp @ 0.00% | \$5,650.00 |
| Estimating Manager Approval _____ Date: _____ | | Additional TOTAL MARK-UP | |
| Engineering Manager Approval _____ Date: _____ | | SALES PRICE | |
| | | \$5,650.00 | |

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:34 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 11A

Tom and Mark,

Attached is Change Order 011 Rev A on the addition of 5 static reels and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Add 5 Static Grounding Reels

05-02 Bulk Fuel Storage and Dispensing System

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Sheet 19 truck side

Newly Specified Materials

(5 ea.) Static Grounding Reels

Additional Labor Charges and Handling

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing wire, electrical connections, mechanical connections and finishing activities.

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For required change to Add 5 Static Grounding Reels

| | |
|-------------------------------------|----------------|
| <i>R. Hornor</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



T O W N O F
ADDISON

GENERAL SERVICES DEPARTMENT

(972) 450-2800

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010
October 11, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

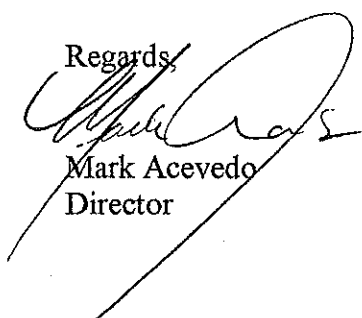
Subject: Addison, Texas Airport Fuel Farm
Change Order 11

Dear Mr. Normandeau

The following Change Order request is accepted:

CCR 11 as Transmitted 9/28/2005: Install 5 additional Static Grounding Reels on a time and materials basis, cost not to exceed \$5,700.00 is hereby approved as submitted.

Regards,


Mark Acevedo
Director

cc. Jenny Nicewander
Louis Elguezabal
Ted Rigo
Tom Cobb

Construction Change Order

For required change to Add 5 Static Grounding Reels

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Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001

Date: Monday, August 15, 2005

Sale Price \$5,700.00
Total Costs \$4,960.00
Gross Margin % 12.98%
Gross Profit \$740.00

Bld Date:CCR-011 Rev A-Static Grounding Reels Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|-----------|--------|--------------|-------|-------|--------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 2 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 3 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 4 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 5 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 6 | | | | | | \$0.00 | 1.2 | | \$0.00 |
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| 12 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 13 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 14 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 15 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 16 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 17 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 18 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 19 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 20 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | | | \$0.00 |

| Thielsch Engineering | | | | | | | | | |
|----------------------|---|------|-------------------------------|----------|-------------|--------------|-------|--|----------|
| # | Description | Code | MANPOWER | | Labor Rate | Quant. Hours | Price | | |
| 101 | | 1083 | Project Manager | | \$110.00 | 0 | | | \$0.00 |
| 102 | Engineering coordination, communications, meetings, corrective action | 1021 | Engineer | 1 | \$90.00 | 4 | | | \$360.00 |
| 103 | | 1108 | Tech. Engineer | | \$80.00 | 0 | | | \$0.00 |
| 104 | | 1105 | Superintendent | | \$75.00 | 0 | | | \$0.00 |
| 105 | | 1140 | Foreman | | \$57.75 | 0 | | | \$0.00 |
| 106 | | 1138 | Draftsman | | \$60.00 | 0 | | | \$0.00 |
| 107 | | 1111 | Welder-Pipe | | \$63.00 | 0 | | | \$0.00 |
| 108 | | 1078 | Pipefitter | | \$63.00 | 0 | | | \$0.00 |
| 109 | | 1052 | Mechanic | | \$63.00 | 0 | | | \$0.00 |
| 110 | | 1043 | Mechanical-helper | | \$35.25 | 0 | | | \$0.00 |
| 111 | | 1112 | Structural Welder | | \$60.00 | 0 | | | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | | \$40.00 | 0 | | | \$0.00 |
| 113 | | 1113 | Welder-Helper | | \$30.00 | 0 | | | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | | \$25.00 | 0 | | | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | | \$35.25 | 0 | | | \$0.00 |
| 116 | | 4318 | Training | Engineer | \$60.00 | 0 | | | \$0.00 |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | | | \$0.00 |
| 118 | PO, CCR, Documentation, sub coordination | 1008 | Documentation Coord. | | \$20.00 | 0 | | | \$0.00 |
| MANDAY IMPACT | | | | 0.5 | Total Labor | | 4 | | \$360.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|---------------------------|---------|----------------|------------|------------|--------------|-------|--|------------|
| # | Description | Name | Type | Labor Rate | | Quant. Hours | Price | | |
| 201 | ADDITONAL OF Static Reels | RS-1475 | Electrical | | \$4,600.00 | 1.15 | | | \$5,290.00 |
| 202 | | | Mechanical | | \$0.00 | 1.15 | | | \$0.00 |
| 203 | | | SCADA/PLC | | \$0.00 | 1.15 | | | \$0.00 |
| 204 | | | Civil | | \$0.00 | 1.15 | | | \$0.00 |
| 205 | | | Gen. Services | | \$0.00 | 1.15 | | | \$0.00 |
| 206 | | | Support Groups | | \$0.00 | 1.15 | | | \$0.00 |
| 207 | | | Riggers | | \$0.00 | 1.15 | | | \$0.00 |
| 208 | | | Equipment | | \$0.00 | 1.15 | | | \$0.00 |
| 209 | | | Miscellaneous | | \$0.00 | 1.15 | | | \$0.00 |
| Total Subs Cost | | | | \$4,600.00 | Total Subs | | | | \$5,290.00 |

| | | | | | | |
|-----------|--|--|--|--------------------------|--|------------|
| Comments: | | | | Total E.P.M | | \$0.00 |
| | | | | Total Labor | | \$360.00 |
| | | | | Total Subs | | \$5,290.00 |
| | | | | Travel | | \$0.00 |
| | | | | Factory Training | | \$0.00 |
| | | | | Freight | | \$0.00 |
| | | | | Permits | | \$0.00 |
| | | | | Carrying Cost (days) | | \$0.00 |
| | | | | Bonding | | \$0.00 |
| | | | | TAX @ | | 0.00% |
| | | | | TOTAL | | \$5,650.00 |
| | | | | TOTAL + Retainage Comp @ | | 0.00% |
| | | | | Additional TOTAL MARK-UP | | \$5,650.00 |
| | | | | SALES PRICE | | \$5,650.00 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Friday, November 11, 2005 8:34 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 11A

Tom and Mark,

Attached is Change Order 011 Rev A on the addition of 5 static reels and associated back-up.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Add 5 Static Grounding Reels

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A design change was made to add 5 Static Grounding Reels to the tanker truck unloading side of the tank containment. The addition of the 5 Static Grounding Reels represents a modification to the original specified design and generates an additional cost of construction. This additional cost was to be determined as this represents a change to the original bid package:

Sheet 19 truck side

Newly Specified Materials

(5 ea.) Static Grounding Reels

Additional Labor Charges and Handling

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing wire, electrical connections, mechanical connections and finishing activities.

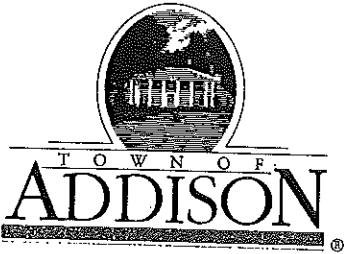
2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 5,700.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Add 5 Static Grounding Reels

| | |
|-------------------------------------|----------------|
| <i>R. Horn</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Keneflick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

October 11, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

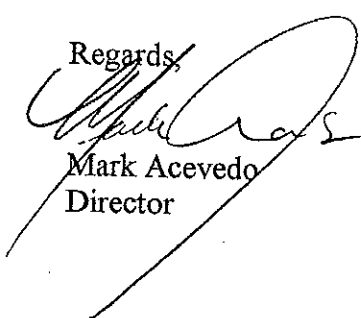
Subject: Addison, Texas Airport Fuel Farm
Change Order 11

Dear Mr. Normandeau

The following Change Order request is accepted:

CCR 11 as Transmitted 9/28/2005: Install 5 additional Static Grounding Reels on a time and materials basis, cost not to exceed \$5,700.00 is hereby approved as submitted.

Regards,


Mark Acevedo
Director

cc. Jenny Nicewander
Louis Elguezabal
Ted Rigo
Tom Cobb

Thiensch Engineering

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001

Date: Monday, August 15, 2005

Sale Price \$5,700.00
Total Costs \$4,960.00
Gross Margin % 12.98%
Gross Profit \$740.00

Bid Date: CCR-011 Rev A-Static Grounding Reels

Contract Type: Construction Change Request

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
|----|-------------|--------|--------|--------------------|--------|------------|-------|--------------|--------|
| 1 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 2 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 3 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 4 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 5 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 6 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 7 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 8 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 9 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 10 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 11 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 12 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 13 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 14 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 15 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 16 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 17 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 18 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 19 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| 20 | | | | | | \$0.00 | 1.2 | \$0.00 | |
| | | | | Total E.C.M. Costs | | \$0.00 | | Total E.C.M. | \$0.00 |

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | |
|-----|--|------|-------------------------------|---------------|--------------|-------------|---|----------|
| 101 | | | | | | | | |
| 102 | Engineering, coordination, communications, meetings, corrective action | 1083 | Project Manager | \$110.00 | 0 | \$0.00 | | |
| 103 | | 1021 | Engineer | \$90.00 | 4 | \$360.00 | | |
| 104 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | |
| 105 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | |
| 106 | | 1140 | Foreman | \$57.75 | 0 | \$0.00 | | |
| 107 | | 1139 | Draftsman | \$60.00 | 0 | \$0.00 | | |
| 108 | | 1111 | Welder-Pipe | \$83.00 | 0 | \$0.00 | | |
| 109 | | 1078 | Pipefitter | \$83.00 | 0 | \$0.00 | | |
| 110 | | 1052 | Mechanic | \$83.00 | 0 | \$0.00 | | |
| 111 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | |
| 112 | | 1112 | Structural Welder | \$50.00 | 0 | \$0.00 | | |
| 113 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | |
| 114 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | |
| 115 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | |
| 116 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | |
| 117 | | 4319 | Training Engineer | \$60.00 | 0 | \$0.00 | | |
| 118 | PO, CCR, Documentation, sub-coordination | 4320 | Training Tech | \$35.00 | 0 | \$0.00 | | |
| | | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 | | |
| | | | | MANDAY IMPACT | 0.5 | Total Labor | 4 | \$360.00 |

| # | Description | Name | Type | Mult. | Price |
|-----|---------------------------|----------------|------|-------|------------|
| 201 | ADDITION OF 3 Phas. Reels | | | | |
| 202 | | Electrical | | 1.15 | \$5,290.00 |
| 203 | | Mechanical | | 1.15 | \$0.00 |
| 204 | | SCADA/PLC | | 1.15 | \$0.00 |
| 205 | | Civil | | 1.15 | \$0.00 |
| 206 | | Gen. Services | | 1.15 | \$0.00 |
| 207 | | Support Groups | | 1.15 | \$0.00 |
| 208 | | Riggers | | 1.15 | \$0.00 |
| 209 | | Equipment | | 1.15 | \$0.00 |
| | | Miscellaneous | | 1.15 | \$0.00 |

| | | | | |
|--|--------------------------|---------------|------------|------------|
| Comments: | Total Subs Cost | \$4,600.00 | Total Subs | \$5,290.00 |
| | Total E.P.M. | \$0.00 | | |
| | Total Labor | \$360.00 | | |
| | Total Subs | \$5,290.00 | | |
| | Travel | \$0.00 | | |
| | Factory Training | \$0.00 | | |
| | Freight | \$0.00 | | |
| | Permits | \$0.00 | | |
| | Carrying Cost (days) | \$0.00 | | |
| | Bonding | \$0.00 | | |
| | TAX @ | 0.00% | | \$0.00 |
| | TOTAL | | | \$5,650.00 |
| | TOTAL + Retainage Comp @ | 0.00% | | \$5,650.00 |
| Estimating Manager Approval _____ Date: _____ | Additional | TOTAL MARK-UP | | |
| Engineering Manager Approval _____ Date: _____ | | SALES PRICE | | \$5,650.00 |

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:34 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 11A

Tom and Mark,

Attached is Change Order 011 Rev A on the addition of 5 static reels and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Add 5 Static Grounding Reels

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A design change was made to add 5 Static Grounding Reels to the tanker truck unloading side of the tank containment. The addition of the 5 Static Grounding Reels represents a modification to the original specified design and generates an additional cost of construction. This additional cost was to be determined as this represents a change to the original bid package:

Sheet 19 truck side

Newly Specified Materials

(5 ea.) Static Grounding Reels

Additional Labor Charges and Handling

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing wire, electrical connections, mechanical connections and finishing activities.

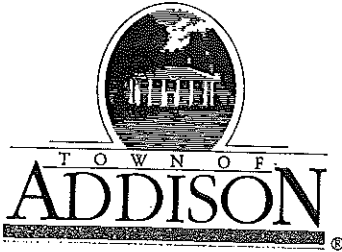
- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 5,700.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Add 5 Static Grounding Reels

| | |
|-------------------------------------|----------------|
| <i>R. Hornor</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010
October 11, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

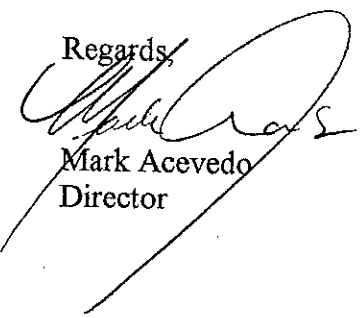
Subject: Addison, Texas Airport Fuel Farm
Change Order 11

Dear Mr. Normandeau

The following Change Order request is accepted:

CCR 11 as Transmitted 9/28/2005: Install 5 additional Static Grounding Reels on a time and materials basis, cost not to exceed \$5,700.00 is hereby approved as submitted.

Regards,



Mark Acevedo
Director

cc. Jenny Nicewander
Louis Elguezabal
Ted Rigo
Tom Cobb

Construction Change Order

For required change to Conduit Overfill RFI #7

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to RFI #7 as issued by Engineering (Washington Group International), above ground conduits were added to the scope of work.

These conduit runs also required the addition of guards in trip hazard areas. These changes represent a change to the original bid package and additional cost of construction.

Procurement of New Materials

1" Conduit

Installation of New Materials

Installation includes installation of new conduit, field threading and bending, field routing, mechanical connections, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 8,000.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Overfill RFI #7

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$8,000.00
 Total Costs \$6,939.00
 Gross Margin % 13.25%
 Gross Profit \$1,061.00

ADDISON AIRPORT
 Public Works, 16501 Westgrove Drive
 Addison, Texas 75001
 Bid Date: CCR-012 Rev A-Conduit Overfill

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | |
|----------------------------------|-------------|--------|--------|-----------|--------|--------------|-------|--------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
| 1 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 2 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 3 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 4 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 5 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 6 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 7 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 8 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 9 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 10 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 11 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 12 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 13 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 14 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 15 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 16 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 17 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 18 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 19 | | | | | | \$0.00 | 1.2 | \$0.00 |
| 20 | | | | | | \$0.00 | 1.2 | \$0.00 |
| Total E.C.M.Costs | | | | \$0.00 | | Total E.C.M. | | \$0.00 |

| THIELSCH ENGINEERING | | | | | | | | |
|----------------------|--|------|-------------------------------|------------|--------------|-------------|---|----------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | |
| 101 | | 1033 | Project Manager | \$110.00 | 0 | \$0.00 | | |
| 102 | Engineering communications coordination meetings corrective action | 1021 | Engineer | \$90.00 | 4 | \$360.00 | | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | |
| 105 | Craft Coordination | 1140 | Foreman | \$57.75 | 0 | \$0.00 | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | |
| 108 | | 1078 | Pipefitter | \$83.00 | 0 | \$0.00 | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | |
| 110 | | 1043 | Mechanics-helper | \$35.20 | 0 | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | |
| 116 | | 4319 | Training Engineer | \$80.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | FO, CCR Documentation, sub coordination | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 | | |
| MANDAY IMPACT | | | | 0.5 | | Total Labor | 4 | \$360.00 |

| SUB CONTRACTOR SERVICES | | | | | | | |
|-------------------------|------------------------------|---------|----------------|------------|-------|------------|------------|
| # | Description | Name | Type | | Mult. | Price | |
| 201 | General Period Control (RFI) | Roberts | Electrical | \$8,579.00 | 1.15 | \$7,565.85 | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | |
| Total Subs Cost | | | | \$8,579.00 | | Total Subs | \$7,565.85 |

| | | | |
|-----------|--|--------------------------|------------|
| Comments: | | Total E.P.M. | \$0.00 |
| | | Total Labor | \$360.00 |
| | | Total Subs | \$7,565.85 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% |
| | | TOTAL | \$7,925.85 |
| | | TOTAL + Retainage Comp @ | 0.00% |
| | | Additional TOTAL MARK-UP | |
| | | SALES PRICE | \$7,925.85 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:38 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 12A

Tom and mark,

Attached is Change Order 012 Rev A on the conduit overfill identified in RFI 007 and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Conduit Overfill RFI #7

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to RFI #7 as issued by Engineering (Washington Group International), above ground conduits were added to the scope of work.

These conduit runs also required the addition of guards in trip hazard areas. These changes represent a change to the original bid package and additional cost of construction was to be determined

Procurement of New Materials

1" Conduit

Installation of New Materials

Installation includes installation of new conduit, field threading and bending, field routing, mechanical connections, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 9,400.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Overfill RFI #7

R. Roman Dean
Thielsch Engineering, Inc.

9/28/05
Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to Conduit Overfill RFI #7

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to RFI #7 as issued by Engineering (Washington Group International), above ground conduits were added to the scope of work.

These conduit runs also required the addition of guards in trip hazard areas. These changes represent a change to the original bid package and additional cost of construction.

Procurement of New Materials

1" Conduit

Installation of New Materials

Installation includes installation of new conduit, field threading and bending, field routing, mechanical connections, and finishing activities.

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 8,000.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Overfill RFI #7

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thihsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date: CCR-012 Rev A-Conduit Overfill

Date: Monday, August 15, 2005

Sale Price \$8,000.00
Total Costs \$6,939.00
Gross Margin % 13.26%
Gross Profit \$1,061.00

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|-------------------|--------|--------------|-------|--------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 2 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 3 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 4 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 5 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 6 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 7 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 8 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 9 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 10 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 11 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 12 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 13 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 14 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 15 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 16 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 17 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 18 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 19 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 20 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| | | | | Total E.C.M.Costs | \$0.00 | Total E.C.M. | | \$0.00 | |

| THIELSCH ENGINEERING | | | | | | | | | |
|----------------------|--|------|-------------------------------|---------------|--------------|-------------|---|----------|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1093 | Project Manager | \$110.00 | 0 | \$0.00 | | | |
| 102 | Engineering communications coordination meetings corrective action | 1021 | Engineer | \$90.00 | 4 | \$360.00 | | | |
| 103 | | 1106 | Tech. Engineer | \$90.00 | 0 | \$0.00 | | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | |
| 105 | Craft Coordination | 1140 | Foreman | \$57.75 | 0 | \$0.00 | | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 | | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | | |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 | | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | | |
| 114 | | 1054 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | |
| 116 | | 4319 | Training Engineer | \$60.00 | 0 | \$0.00 | | | |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 | | | |
| 118 | P.O. CCR, Documentation, sub-coordination | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 | | | |
| | | | | MANDAY IMPACT | 0.5 | Total Labor | 4 | \$360.00 | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|------------------------------------|---------|----------------|-----------------|------------|------------|--|------------|--|
| # | Description | Name | Type | Mult. | Price | | | | |
| 201 | Conduit overfill Construction RFLT | Riggers | Electrical | \$9,579.00 | 1.15 | \$7,565.85 | | | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | | | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | | | |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 | | | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | | | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | | | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | | | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | | | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | | | |
| | | | | Total Subs Cost | \$6,579.00 | Total Subs | | \$7,565.85 | |

| | | | |
|--|--|--------------------------|------------------|
| Comments: | | Total E.P.M | \$0.00 |
| | | Total Labor | \$360.00 |
| | | Total Subs | \$7,565.85 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% \$0.00 |
| | | TOTAL | \$7,925.85 |
| | | TOTAL + Retainage Comp @ | 0.00% \$7,925.85 |
| Estimating Manager Approval _____ Date: _____ | | Additional TOTAL MARK-UP | |
| Engineering Manager Approval _____ Date: _____ | | SALES PRICE | \$7,925.85 |

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:38 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 12A

Tom and mark,

Attached is Change Order 012 Rev A on the conduit overfill identified in RFI 007 and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Conduit Overfill RFI #7

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to RFI #7 as issued by Engineering (Washington Group International), above ground conduits were added to the scope of work.

These conduit runs also required the addition of guards in trip hazard areas. These changes represent a change to the original bid package and additional cost of construction was to be determined

Procurement of New Materials

1" Conduit

Installation of New Materials

Installation includes installation of new conduit, field threading and bending, field routing, mechanical connections, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 9,400.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Overfill RFI #7

| | |
|-------------------------------------|----------------|
| <i>R. Roman Dean</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to Conduit Overfill RFI #7

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to RFI #7 as issued by Engineering (Washington Group International), above ground conduits were added to the scope of work.

These conduit runs also required the addition of guards in trip hazard areas. These changes represent a change to the original bid package and additional cost of construction.

Procurement of New Materials

1" Conduit

Installation of New Materials

Installation includes installation of new conduit, field threading and bending, field routing, mechanical connections, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 8,000.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Overfill RFI #7

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thiisch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$8,000.00

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001

Total Costs \$6,939.00

Gross Margin % 13.26%

Gross Profit \$1,061.00

Bid Date: CCR-012 Rev A-Cendult Overfill

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|-----------|--------|--------------|-------|--------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 2 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 3 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 4 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 5 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 6 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 7 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 8 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 9 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 10 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 11 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 12 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 13 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 14 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 15 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 16 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 17 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 18 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 19 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 20 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | | \$0.00 | |

| THIELSCH ENGINEERING | | | | | | | | | |
|----------------------|--|------|-------------------------------|------------|--------|-------------|----------|----------|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. | Hours | Price | | |
| 101 | | 1093 | Project Manager | \$110.00 | 0 | | \$0.00 | | |
| 102 | Engineering communications coordination meetings corrective action | 1021 | Engineer | \$90.00 | 4 | | \$360.00 | | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | | \$0.00 | | |
| 105 | Craft Coordination | 1140 | Foreman | \$57.75 | 0 | | \$0.00 | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | | \$0.00 | | |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | | \$0.00 | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | | \$0.00 | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | | \$0.00 | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | | \$0.00 | | |
| 116 | | 4319 | Training | \$60.00 | 0 | | \$0.00 | | |
| 117 | | 4320 | Training | \$35.00 | 0 | | \$0.00 | | |
| 118 | PO, CCR, Documentation, sub coordination | 1008 | Documentation Coord. | \$20.00 | 0 | | \$0.00 | | |
| MANDAY IMPACT | | | | | 0.5 | Total Labor | 4 | \$360.00 | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|------------------------------|---------|----------------|------------|-------|------------|--|------------|--|
| # | Description | Name | Type | | Mult. | Price | | | |
| 201 | Carrying Cost (Contract RFI) | Permits | Electrical | \$6,579.00 | 1.15 | \$7,565.85 | | | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | | | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | | | |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 | | | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | | | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | | | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | | | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | | | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | | | |
| Total Subs Cost | | | | \$6,579.00 | | Total Subs | | \$7,565.85 | |

| | | | |
|--|--|--------------------------------|------------|
| Comments: | | Total E.P.M. | \$0.00 |
| | | Total Labor | \$360.00 |
| | | Total Subs | \$7,565.85 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ 0.00% | \$0.00 |
| | | TOTAL | \$7,925.85 |
| | | TOTAL + Retainage Comp @ 0.00% | \$7,925.85 |
| Estimating Manager Approval _____ Date: _____ | | Additional TOTAL MARK-UP | |
| Engineering Manager Approval _____ Date: _____ | | SALES PRICE | \$7,925.85 |

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:38 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 12A

Tom and mark,

Attached is Change Order 012 Rev A on the conduit overflow identified in RFI 007 and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Conduit Overfill RFI #7

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to RFI #7 as issued by Engineering (Washington Group International), above ground conduits were added to the scope of work.

These conduit runs also required the addition of guards in trip hazard areas. These changes represent a change to the original bid package and additional cost of construction was to be determined

Procurement of New Materials

1" Conduit

Installation of New Materials

Installation includes installation of new conduit, field threading and bending, field routing, mechanical connections, and finishing activities.

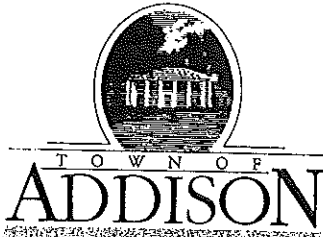
2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 9,400.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Overfill RFI #7

| | |
|--|----------------------|
| <i>R. Horman Dean</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|---------------------------------|----------------------|
| _____ Town of Addison | _____ Date |
|---------------------------------|----------------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

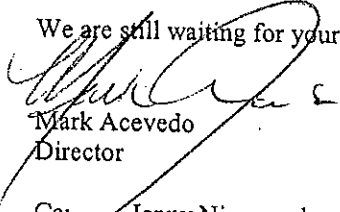
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbai
Tommy Cobb

CCR-013
DENIED

Construction Change Order

For required change to add a Headwall to Landscape

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to verbal request to construct protection for the storm drain inlet. Approval of headwall design by the Town of Addison in September 15th, 2005 change order meetings. The addition of a headwall represents a change to the original bid package and additional cost of construction was to be determined

Materials

Materials: concrete, wire reinforcing, dowels, caging, landscape cloth, excavation, and river rock.

Installation of New Materials

Labor: Shaping of side slopes, placement of reinforcing materials, doweling to mow strip, shaping of concrete around drain opening, fabrication and installation of cage over pipe opening. Placements of landscape fabric, river rock rip rap and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 12,800.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

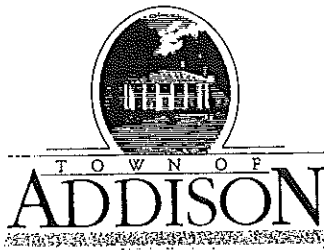
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to add a Headwall to Landscape

Rhoman-dean 9/28/05
Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT
Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm.
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

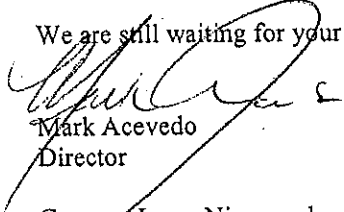
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order

For required change to elimination of Airport Property Signage

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the electronic mail correspondence and TELCON from Luis Elguezabal, the elimination of two (2) "Airport Property No Trespassing" signs has resulted in a change to the original scope of work and effects to cost of construction was to be determined as this represents a change to the original bid package:

Removal of Signage

Remove two (2) "Airport Property No Trespassing" signs
Price includes the elimination of transporting materials, installation of the materials identified, logistical changes, and finishing activities.

2. As consideration for the changes, the Contractor shall credit the Principal the sum of \$ 700.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to elimination of Airport Property Signage

| | |
|--|----------------------|
| <i>Rhomanclaw</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|---------------------------------|----------------------|
| _____ Town of Addison | _____ Date |
|---------------------------------|----------------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to elimination of Airport Property Signage

05-02 Bulk Fuel Storage and Dispensing System

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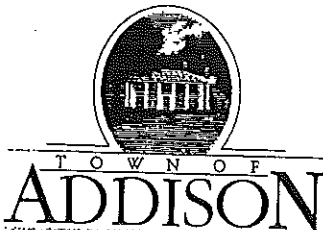
2. As consideration for the changes, the Contractor shall credit the Principal the sum of \$ 700.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to elimination of Airport Property Signage

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

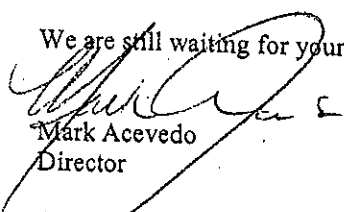
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order

For required change to Paint Striping

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, deleting the 6" wide paint striping for the direction of traffic for the airport refueling trucks. In addition, a 6" wide stripe between the concrete drive and 6" thick concrete surface on the tanker truck unloading side of containment.

This modification to the original design of the 6" wide paint striping (detailed sheet 9 and 10 of construction drawings) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid 6" Paint Striping Design

(850' LF) 6" wide white striping

Installation of New 6" Paint Striping Design

(231' LF) 6" wide white striping

Prices include transporting materials, labor, material cost, installation of materials, and finishing activities.

2. As consideration for the changes, the Contractor shall credit to the Principal the Credit the sum of \$ 250.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Paint Striping

R Howardson 9/28/05
Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change OrderFor required change to Fire Detection System05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, adding 4 flame detectors to the fire detection and alarm system. The requirements for change can be noted in the response to Rabalais RFI.

This modification to the original design of the fire alarm system (detailed in Siemens drawing FA-01) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Installation of Additional (qty. 4) Flame Detectors

| | |
|-----------|--|
| (100' LF) | ¾" RGS conduit |
| (12' LF) | ½" sealtight flexible conduit |
| (13 EA.) | Conduit beam clamps |
| (8 EA.) | ½" sealtight connectors |
| (4 EA.) | ¾" Tee Condulets |
| (4 EA.) | ¾" X ½" RE reducers |
| (4 EA.) | Spectrex UV/IR Flame detectors (class 1, div 1, group D) |
| (4 EA.) | Zone monitoring modules |

Prices include transporting materials, labor, material cost, installation of materials, the increase in size of power supply, additional check-out & testing and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 20,410.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to original schedule is + 2 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Fire Detection System

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 11:39 AM
To: tom.cobb@wgint.com
Cc: Jenny Nicewander; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: CCR-018 C

Tom,

Per your request, I revised Change Order 018 and attached it here.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Fire Detection System

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

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A change was made, adding 4 flame detectors to the fire detection and alarm system. The requirements for change can be noted in the response to Rabalais RFI.

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Installation of Additional (qty. 4) Flame Detectors

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|-----------|--|
| (100' LF) | ¾" RGS conduit |
| (12' LF) | ½" sealtight flexible conduit |
| (13 EA.) | Conduit beam clamps |
| (8 EA.) | ½" sealtight connectors |
| (4 EA.) | ¾" Tee Condulets |
| (4 EA.) | ¾" X ½" RE reducers |
| (4 EA.) | Spectrex UV/IR Flame detectors (class 1, div 1, group D) |
| (4 EA.) | Zone monitoring modules |

Prices include transporting materials, labor, material cost, installation of materials, the increase in size of power supply, additional check-out & testing and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **20,410.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to original schedule is + 23 days
 - b. Impact to schedule as amended by CCR-010 is +2 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Fire Detection System

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Thielsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date: CCR-018 Revision A

Date: Monday, August 15, 2005

Sale Price \$20,410.00
Total Costs \$17,740.00
Gross Margin % 13.08%
Gross Profit \$2,670.00

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|--------------------|--------|------------|-------|--------------|--------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 2 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 3 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 4 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 5 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 8 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| | | | | Total E.C.M. Costs | | \$0.00 | | Total E.C.M. | \$0.00 |

| TEI LABOR SERVICES | | | | | | | | | |
|--------------------|--|------|-------------------------------|---------------|--------------|--------|-------------|---|--------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1093 | Project Manager | | 0 | | | | |
| 102 | | 1021 | Engineer | \$110.00 | 0 | \$0.00 | | | |
| 103 | | 1108 | Tech. Engineer | \$90.00 | 0 | \$0.00 | | | |
| 104 | Delivery of equipment is estimated at 4 to 5 weeks. Assumption is that | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | |
| 105 | equipment will be ordered Monday November 14 | 1140 | Foreman | \$65.00 | 0 | \$0.00 | | | |
| 106 | | 1135 | Draftsman | \$50.00 | 0 | \$0.00 | | | |
| 107 | Work is consistent with Safety Equipment Layout Plan Dated October 26 | 1111 | Welder-Pipe | \$83.00 | 0 | \$0.00 | | | |
| 108 | 2005 and submitted to Thielsch Engineering on October 27, 2005 | 1078 | Pipefitter | \$83.00 | 0 | \$0.00 | | | |
| 109 | | 1052 | Mechanic | \$53.00 | 0 | \$0.00 | | | |
| 110 | | 1043 | Mechanical-Helper | \$35.20 | 0 | \$0.00 | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | |
| 116 | | 4319 | Training Engineer | \$50.00 | 0 | \$0.00 | | | |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 | | | |
| 118 | | 1008 | Documentation Coord. | | 4 | \$0.00 | | | |
| | | | | MANDAY IMPACT | #DIV/0! | | Total Labor | 4 | \$0.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|--|------|----------------|-----------------|-------------|------------|--|-------------|--|
| # | Description | Name | Type | Mult. | Price | | | | |
| 201 | ADDITION OF FOUR SIEMENS FIRE DETECTORS- SUPPLEMENTAL Proposal by Barnes I & E | | Electrical | 1.15 | \$20,401.00 | | | | |
| 202 | | | Mechanical | 1.1 | \$0.00 | | | | |
| 203 | | | SCADA/PLC | 1.1 | \$0.00 | | | | |
| 204 | | | Civil | 1.1 | \$0.00 | | | | |
| 205 | | | Gen. Services | 1.1 | \$0.00 | | | | |
| 206 | | | Support Groups | 1.1 | \$0.00 | | | | |
| 207 | | | Riggers | 1.1 | \$0.00 | | | | |
| 208 | | | Equipment | 1.1 | \$0.00 | | | | |
| 209 | | | Miscellaneous | 1.1 | \$0.00 | | | | |
| | | | | Total Subs Cost | \$17,740.00 | Total Subs | | \$20,401.00 | |

| | | | |
|-----------|--|--------------------------|-------------|
| Comments: | | Total E.P.M. | \$0.00 |
| | | Total Labor | \$0.00 |
| | | Total Subs | \$20,401.00 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | 45 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% |
| | | TOTAL | \$20,401.00 |
| | | TOTAL + Retainage Comp @ | 0.00% |
| | | Additional TOTAL MARK-UP | 0.00% |
| | | SALES PRICE | \$20,401.00 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

THIELSCH ENGINEERING, INC.

pg. _____ of _____

Customer: _____

Tel. (401) 467-6454
Fax (401) 487-2398

Lab Number: _____

Facility: _____

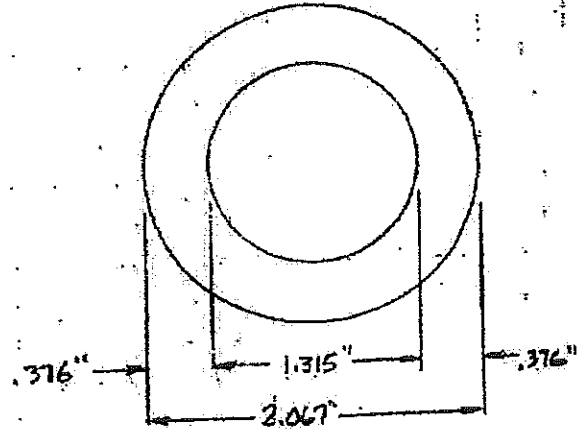
Date: _____

Project: _____

Engr./Inspector: _____

OD 1" PIPE = 1.315

ID 2" PIPE = 2.067

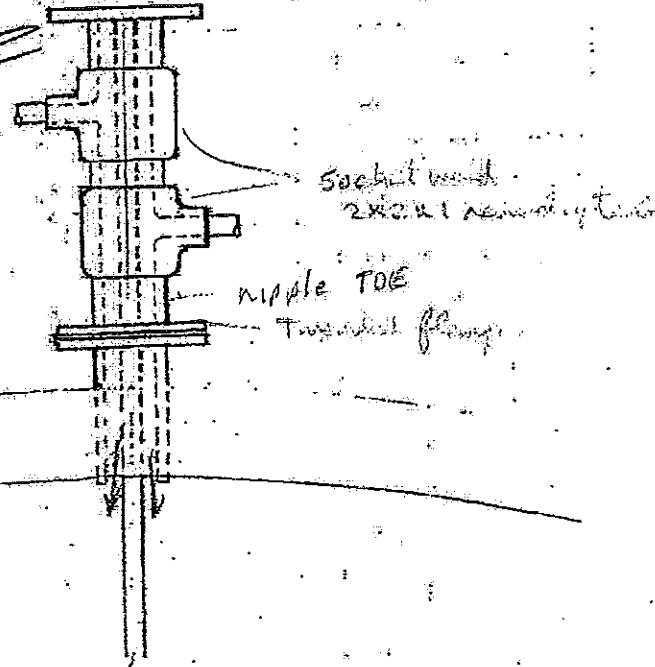


- NO EXCEPTION TAKEN
- EXCEPTION NOTED
- REJECTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE; FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

 Washington Group International

Date: *10/14/05*
[Signature]



Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Tuesday, November 08, 2005 7:25 PM
To: tom.cobb@wgint.com
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 018 Rev. B

Tom,

I've attached Change Order 018 Rev. B for the addition of four (4) flame detectors to the fire detection system.

My e-mail of 11-2-05 indicated that we could not accept the \$17,250 for the subject change order. Since that time, we have discussed the topic with you in greater detail and have made greater concessions with our subcontractors. The attached represents the change order pricing that is satisfactory to our subcontractors and compensates us for the significant amount of time and effort we spent bringing this issue to closure. We understand from your October 28 letter that your acceptance of the change order would include an addition of two (2) working days if the four (4) detectors are not delivered when the project is complete. Your October 28 letter also indicates that you will issue a stop work order and not count time against the project if all other work is complete and we are forced to wait on delivery of the four (4) additional detectors.

Please expedite approval of this so that the necessary equipment can be placed on order.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

November 2, 2005

Washington Group International
Town of Addison

Attention: Tommy C. Cobb
Mark Acevedo

Subject: Addison Texas Airport Fuel farm
Proposed Change Orders 14A and 18A

Dear Mr. Cobb and Mr. Acevedo

In response to your letter dated October 28, 2005, regarding the air conditioning and dehumidifying of the motor control and PLC cabinet, warranty work, if required in the future, will not cover any damage that is deemed to be caused by high temperature or moisture.

Regarding the fire detection system modification, we accept the two working day duration with a stop work until the detectors arrive. However, considering the amount of time and effort expended to date to arrive at an acceptable NFPA designed system, and participate in the approval process, the cost must remain at \$23,746.80.

If this is not a workable solution, we will revise the change order as previously directed to only include time and material costs incurred by Siemens, Rabalais I&E, and Thielsch Engineering to come up with the completed design that does meet NFPA standards and for time spent participating in the approval process.

Regards,
Rick Normandeau
Thielsch Engineering

CC: Tom Lent, Thielsch Eng.
Peter Kennefick, Thielsch Eng.
Cary Franklin, Thielsch Eng.
Brian Johnson, Thielsch Eng.
Herman Cardona, Rabalais I&E
Raymond Patterson, Siemens



Washington Group International
Integrated Engineering, Construction, and Management Solutions

October 28, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 A and 18 A

Dear Mr. Normandeau:

We have reviewed your Change Order No. 14 A request to add an air conditioning system to the motor control cabinet. The designer of the cabinet does not believe the air conditioner is needed. Therefore, Change Order No. 14 A is canceled.

Your proposed Change Order No. 18 A for the addition of 4 fire detectors to the detection system for \$23,746.80 with an addition of 21 days is excessive in both cost and time. We know the installed cost should be approximately \$15,000.00. We are willing to allow you to proceed with the change order for this amount plus a 15 percent markup, bringing the total allowable to \$17,250.00 with an addition of 2 working days if the 4 detectors are not delivered when the project is complete. We will issue a stop work order and not count time against the project if all other work is complete and you are forced to wait on delivery of the 4 additional detectors. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Siemens, and no service contract is to be included with the system.

Please respond to this request with a ^{2 wk} yes or no answer by close of work ^{WEDNESDAY MAR} Tuesday, 5:00 p.m. central standard time, November 1, 2005. Failure to respond will be construed as a "No" answer. If your answer is no, we will delete the fire detection system in it's entirety from the project, and the Town of Addison will have it installed at a later date.

We will be requesting a credit to the project for the amount of the four detectors required by the contract plus the fire alarm control panel materials, and labor.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director



Washington Group International
Integrated Engineering, Construction, and Management Solutions

cc. Jenny Nicewander
Lisa Pyles
Luis Elguezabal
Ted Rigo

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, October 27, 2005 11:03 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 018 Rev A

Jenny and Mark,

I attached the backup for Change Order 018. We have changed the title for the Change Order to number 018 Rev A. Similar to Change Order 014 Rev A, we are resubmitting it with a reduced price so it too can be completed within the time frame of the rest of the project, and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Today, in our weekly meeting, we were given a copy of the Addison Airport Safety Equipment Layout Plan, dated October 25, showing the eight flame detection elements covered by this Change Order.

As we stated with Change Order 014 Rev A, there are several reasons for this re-submittal.

1. Unquestionably, Rabalais has done an excellent job to date and has invested a lot of time on this change order to get it to this point. They spent a lot of time looking at alternatives and dealing with their subcontractor (Siemens) to ensure that the proper safety equipment was included on this project.
2. To assist our sub-contractor and to encourage completion of the fuel farm as originally intended, we've elected to remove the majority of our costs on this change order; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not include the time we've actually invested on this issue.
3. Based on the Addison Airport Safety Equipment Layout Plan, dated October 25, it appears that we all agree that the four (4) additional flame detectors need to be installed. We believe this task should be completed by Rabalais to assure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization by another contractor in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Another compelling reason to proceed with the change order at this time is to ensure that the people most knowledgeable about the project are involved with implementing all the safety measures that have been deemed to be necessary to provide for the safe operation of the Bulk Fuel Storage and Dispensing System.
5. Embarking on the start-up of a new system without the agreed upon full complement of safety equipment is not considered prudent; any special or non-routine safety procedures that would be put in place to compensate for the lack of a complete safety system diminishes the project's chance of success.
6. As always, our approach is to do what is in the best interest of the project, and our pricing is indicative of that approach. We believe that Rabalais is owed compensation for all the work done in conjunction with Siemens on this issue. We feel strongly enough about these two points that we have significantly reduced our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

Best Regards
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, October 27, 2005 11:03 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 018 Rev A

Jenny and Mark,

I attached the backup for Change Order 018. We have changed the title for the Change Order to number 018 Rev A. Similar to Change Order 014 Rev A, we are resubmitting it with a reduced price so it too can be completed within the time frame of the rest of the project, and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Today, in our weekly meeting, we were given a copy of the Addison Airport Safety Equipment Layout Plan, dated October 25, showing the eight flame detection elements covered by this Change Order.

As we stated with Change Order 014 Rev A, there are several reasons for this re-submittal.

1. Unquestionably, Rabalais has done an excellent job to date and has invested a lot of time on this change order to get it to this point. They spent a lot of time looking at alternatives and dealing with their subcontractor (Siemens) to ensure that the proper safety equipment was included on this project.
2. To assist our sub-contractor and to encourage completion of the fuel farm as originally intended, we've elected to remove the majority of our costs on this change order; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not include the time we've actually invested on this issue.
3. Based on the Addison Airport Safety Equipment Layout Plan, dated October 25, it appears that we all agree that the four (4) additional flame detectors need to be installed. We believe this task should be completed by Rabalais to assure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization by another contractor in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Another compelling reason to proceed with the change order at this time is to ensure that the people most knowledgeable about the project are involved with implementing all the safety measures that have been deemed to be necessary to provide for the safe operation of the Bulk Fuel Storage and Dispensing System.
5. Embarking on the start-up of a new system without the agreed upon full complement of safety equipment is not considered prudent; any special or non-routine safety procedures that would be put in place to compensate for the lack of a complete safety system diminishes the project's chance of success.
6. As always, our approach is to do what is in the best interest of the project, and our pricing is indicative of that approach. We believe that Rabalais is owed compensation for all the work done in conjunction with Siemens on this issue. We feel strongly enough about these two points that we have significantly reduced our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

Thielsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date:CCR-018 Revision A

Date: Monday, August 15, 2005

Sale Price \$23,750.00
Total Costs \$21,588.00
Gross Margin % 8.10%
Gross Profit \$2,162.00

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|-------------|--------|--------|-------------------|--------|--------------|--------|--------|
| 1 | | | | | | | | |
| 2 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 4 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| TEI LABOR SERVICES | | | | Total E.C.M.Costs | \$0.00 | Total E.C.M. | \$0.00 | \$0.00 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|--------------------------------|--|------|-------------------------------|-------------|--------------|--------|
| 101 | 21 day schedule extension, past the 21 days described for Change Request Number 010 | 1093 | Project Manager | | 0 | |
| 102 | | 1021 | Engineer | | 0 | |
| 103 | | 1109 | Tech. Engineer | \$110.00 | 0 | \$0.00 |
| 104 | Delivery of equipment is estimated at 4 to 5 weeks, assumption is that equipment will be ordered Monday October 31 | 1105 | Superintendent | \$80.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$75.00 | 0 | \$0.00 |
| 106 | Work is consistent with Safety Equipment Layout Plan Dated October 26 2005 and submitted to Thielsch Engineering on October 27, 2005 | 1138 | Draftsman | \$65.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$80.00 | 0 | \$0.00 |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$63.00 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$35.20 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$60.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$40.00 | 0 | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | \$30.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$25.00 | 0 | \$0.00 |
| 116 | | 4318 | Training Engineer | \$35.25 | 0 | \$0.00 |
| 117 | | 4320 | Training Tech | \$60.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$35.00 | 0 | \$0.00 |
| SUB CONTRACTOR SERVICES | | | | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price |
|------------------|-------------|------|----------------|-----------------|-------------|
| 201 | | | Electrical | | |
| 202 | | | Mechanical | 1.1 | \$23,746.80 |
| 203 | | | SCADA/PLC | 1.1 | \$0.00 |
| 204 | | | Civil | 1.1 | \$0.00 |
| 205 | | | Gen. Services | 1.1 | \$0.00 |
| 206 | | | Support Groups | 1.1 | \$0.00 |
| 207 | | | Riggers | 1.1 | \$0.00 |
| 208 | | | Equipment | 1.1 | \$0.00 |
| 209 | | | Miscellaneous | 1.1 | \$0.00 |
| Comments: | | | | Total Subs Cost | \$21,588.00 |

| | |
|--------------------------------|-------------|
| Total Subs | \$23,746.80 |
| Total E.P.M | \$0.00 |
| Total Labor | \$0.00 |
| Total Subs | \$23,746.80 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 45 \$0.00 |
| Bonding | \$0.00 |
| TAX @ 0.00% | \$0.00 |
| TOTAL | \$23,746.80 |
| TOTAL + Retainage Corp @ 0.00% | \$23,746.80 |
| Additional TOTAL MARK-UP 0.00% | \$0.00 |
| SALES PRICE | \$23,746.80 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



Washington Group International

Integrated Engineering, Construction, and Management Solutions

October 21, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 and 18

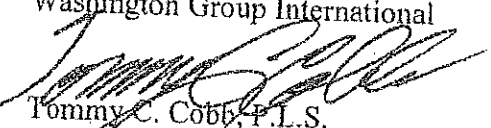
Dear Mr. Normandeau:

Our electrical engineer has reviewed your Change Order No. 18 request to add four (4) fire detectors to the detection system for \$39,650.00 and found the cost to be excessive. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Seimens. For these reasons we will delete the fire detection system from the project and the Town of Addison will have it installed at a later date. We are requesting a credit to the project for the amount of the four detectors in the contract plus the fire alarm control panel materials, and labor along with a deduction in time for not installing the system.

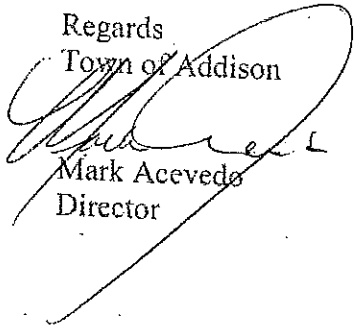
Cost of Change Order No. 14 for the motor control cabinet air conditioning system, in the amount of \$18,300.00 is believed to be excessive and will not be installed under this contract.

Please respond with the credit amount for and number of days commensurate with your change order no. 18 request.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director

Construction Change OrderFor required change to Fire Detection System05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, adding 4 flame detectors to the fire detection and alarm system. The requirements for change can be noted in the response to Rabalais RFI.

This modification to the original design of the fire alarm system (detailed in Siemens drawing FA-01) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Installation of Additional (qty. 4) Flame Detectors

| | |
|-----------|--|
| (100' LF) | ¾" RGS conduit |
| (12' LF) | ½" sealtight flexible conduit |
| (13 EA.) | Conduit beam clamps |
| (8 EA.) | ½" sealtight connectors |
| (4 EA.) | ¾" Tee Condulets |
| (4 EA.) | ¾" X ½" RE reducers |
| (4 EA.) | Spectrex UV/IR Flame detectors (class 1, div 1, group D) |
| (4 EA.) | Zone monitoring modules |

Prices include transporting materials, labor, material cost, installation of materials, the increase in size of power supply, additional check-out & testing and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 20,410.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to original schedule is + 2 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Fire Detection System

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 11:39 AM
To: tom.cobb@wgint.com
Cc: Jenny Nicewander; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: CCR-018 C

Tom,

Per your request, I revised Change Order 018 and attached it here.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Fire Detection System

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, adding 4 flame detectors to the fire detection and alarm system. The requirements for change can be noted in the response to Rabalais RFI.

This modification to the original design of the fire alarm system (detailed in Siemens drawing FA-01) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Installation of Additional (qty. 4) Flame Detectors

| | |
|-----------|--|
| (100' LF) | ¾" RGS conduit |
| (12' LF) | ½" sealtight flexible conduit |
| (13 EA.) | Conduit beam clamps |
| (8 EA.) | ½" sealtight connectors |
| (4 EA.) | ¾" Tee Condulets |
| (4 EA.) | ¾" X ½" RE reducers |
| (4 EA.) | Spectrex UV/IR Flame detectors (class 1, div 1, group D) |
| (4 EA.) | Zone monitoring modules |

Prices include transporting materials, labor, material cost, installation of materials, the increase in size of power supply, additional check-out & testing and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 20,410.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to original schedule is + 23 days
 - b. Impact to schedule as amended by CCR-010 is +2 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Fire Detection System

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date:CCR-018 Revision A

Sale Price \$20,410.00
Total Costs \$17,740.00
Gross Margin % 13.08%
Gross Profit \$2,670.00

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|--------------------|--------|--------------|-------|--------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 2 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 3 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 4 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| | | | | Total E.C.M. Costs | \$0.00 | Total E.C.M. | | \$0.00 | |

| TEI LABOR SERVICES | | | | | | | | | |
|--------------------|--|------|-------------------------------|---------------|---------|-------------|--------|--------|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. | Price | | | |
| 101 | | 1083 | Project Manager | | 0 | | | | |
| 102 | | 1021 | Engineer | | 0 | | | | |
| 103 | | 1106 | Tech. Engineer | \$110.00 | 0 | \$0.00 | | | |
| 104 | Delivery of equipment is estimated at 4 to 6 weeks, assumption is that equipment will be ordered Monday November 14 | 1105 | Superintendent | \$90.00 | 0 | \$0.00 | | | |
| 105 | | 1140 | Foreman | \$75.00 | 0 | \$0.00 | | | |
| 106 | | 1136 | Draftsman | \$85.00 | 0 | \$0.00 | | | |
| 107 | Work is consistent with Safety Equipment Layout Plan Dated October 26 2005 and submitted to Thielsch Engineering on October 27, 2005 | 1111 | Welder-Pipe | \$60.00 | 0 | \$0.00 | | | |
| 108 | | 1078 | Pipefitter | \$93.00 | 0 | \$0.00 | | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | |
| 113 | | 1113 | Welder-Hel'per | \$20.00 | 0 | \$0.00 | | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | |
| 116 | | 4319 | Training | Engineer | \$60.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | | 1008 | Documentation Coord. | | 4 | \$0.00 | | | |
| | | | | MANDAY IMPACT | #DIV/0! | Total Labor | 4 | \$0.00 | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|--|------|----------------|-----------------|-------------|------------|--|-------------|--|
| # | Description | Name | Type | Mult. | Price | | | | |
| 201 | ADDITION OF FOUR SNIFFERS FIRE DETECTORS - Subcontract Proposal #7 Revised 1 & 2 | | Electrical | | \$17,740.00 | 1.15 | | \$20,401.00 | |
| 202 | | | Mechanical | | \$0.00 | 1.1 | | \$0.00 | |
| 203 | | | SCADA/PLC | | \$0.00 | 1.1 | | \$0.00 | |
| 204 | | | Civil | | \$0.00 | 1.1 | | \$0.00 | |
| 205 | | | Gen. Services | | \$0.00 | 1.1 | | \$0.00 | |
| 206 | | | Support Groups | | \$0.00 | 1.1 | | \$0.00 | |
| 207 | | | Riggers | | \$0.00 | 1.1 | | \$0.00 | |
| 208 | | | Equipment | | \$0.00 | 1.1 | | \$0.00 | |
| 209 | | | Miscellaneous | | \$0.00 | 1.1 | | \$0.00 | |
| | | | | Total Subs Cost | \$17,740.00 | Total Subs | | \$20,401.00 | |

| | | | |
|-----------|--|--------------------------|-------------|
| Comments: | | Total E.P.M | \$0.00 |
| | | Total Labor | \$0.00 |
| | | Total Subs | \$20,401.00 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | 45 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% |
| | | TOTAL | \$20,401.00 |
| | | TOTAL + Retainage Comp @ | 0.00% |
| | | Additional TOTAL MARK-UP | 0.00% |
| | | SALES PRICE | \$20,401.00 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

THIELSCH ENGINEERING, INC.

pg. _____ of _____

Customer: _____

Tel. (401) 467-6454
Fax (401) 467-2398

Lab Number: _____

Facility: _____

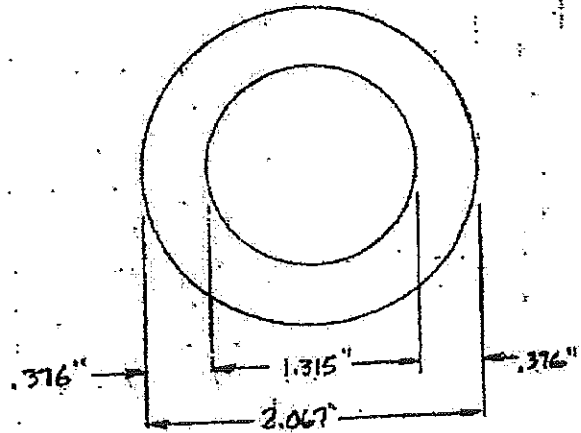
Date: _____

Project: _____

Engr./Inspector: _____

OD 1" PIPE = 1.315

ID 2" PIPE = 2.067



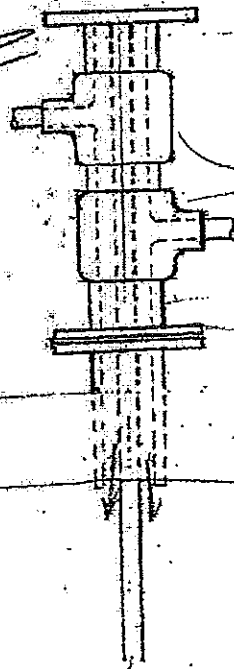
- NO EXCEPTION TAKEN
- EXCEPTION NOTED
- REJECTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

 Washington Group International

Date: *12/14/87*

[Handwritten signature]



*Sackhead with
2 x 2 x 1 remaining tube*

Nipple TDE

Tapped flange

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Tuesday, November 08, 2005 7:25 PM
To: tom.cobb@wgint.com
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 018 Rev. B

Tom,

I've attached Change Order 018 Rev. B for the addition of four (4) flame detectors to the fire detection system.

My e-mail of 11-2-05 indicated that we could not accept the \$17,250 for the subject change order. Since that time, we have discussed the topic with you in greater detail and have made greater concessions with our subcontractors. The attached represents the change order pricing that is satisfactory to our subcontractors and compensates us for the significant amount of time and effort we spent bringing this issue to closure. We understand from your October 28 letter that your acceptance of the change order would include an addition of two (2) working days if the four (4) detectors are not delivered when the project is complete. Your October 28 letter also indicates that you will issue a stop work order and not count time against the project if all other work is complete and we are forced to wait on delivery of the four (4) additional detectors.

Please expedite approval of this so that the necessary equipment can be placed on order.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

November 2, 2005

Washington Group International
Town of Addison

Attention: Tommy C. Cobb
Mark Acevedo

Subject: Addison Texas Airport Fuel farm
Proposed Change Orders 14A and 18A

Dear Mr. Cobb and Mr. Acevedo

In response to your letter dated October 28, 2005, regarding the air conditioning and dehumidifying of the motor control and PLC cabinet, warranty work, if required in the future, will not cover any damage that is deemed to be caused by high temperature or moisture.

Regarding the fire detection system modification, we accept the two working day duration with a stop work until the detectors arrive. However, considering the amount of time and effort expended to date to arrive at an acceptable NFPA designed system, and participate in the approval process, the cost must remain at \$23,746.80.

If this is not a workable solution, we will revise the change order as previously directed to only include time and material costs incurred by Siemens, Rabalais I&E, and Thielsch Engineering to come up with the completed design that does meet NFPA standards and for time spent participating in the approval process.

Regards,
Rick Normandeau
Thielsch Engineering

CC: Tom Lent, Thielsch Eng.
Peter Kennefick, Thielsch Eng.
Cary Franklin, Thielsch Eng.
Brian Johnson, Thielsch Eng.
Herman Cardona, Rabalais I&E
Raymond Patterson, Siemens



Washington Group International

Integrated Engineering, Construction, and Management Solutions

October 28, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 A and 18 A

Dear Mr. Normandeau:

We have reviewed your Change Order No. 14 A request to add an air conditioning system to the motor control cabinet. The designer of the cabinet does not believe the air conditioner is needed. Therefore, Change Order No. 14 A is canceled.

Your proposed Change Order No. 18 A for the addition of 4 fire detectors to the detection system for \$23,746.80 with an addition of 21 days is excessive in both cost and time. We know the installed cost should be approximately \$15,000.00. We are willing to allow you to proceed with the change order for this amount plus a 15 percent markup, bringing the total allowable to \$17,250.00 with an addition of 2 working days if the 4 detectors are not delivered when the project is complete. We will issue a stop work order and not count time against the project if all other work is complete and you are forced to wait on delivery of the 4 additional detectors. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Siemens, and no service contract is to be included with the system.

Please respond to this request with a ^{2 WED} yes or no answer by close of work ^{WEDNESDAY MAR} Tuesday, 5:00 p.m. central standard time, November 1, 2005. Failure to respond will be construed as a "No" answer. If your answer is no, we will delete the fire detection system in it's entirety from the project, and the Town of Addison will have it installed at a later date.

We will be requesting a credit to the project for the amount of the four detectors required by the contract plus the fire alarm control panel materials, and labor.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director



Washington Group International

Integrated Engineering, Construction, and Management Solutions

cc. Jenny Nicewander
Lisa Pyles
Luis Elguezabal
Ted Rigo

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, October 27, 2005 11:03 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 018 Rev A

Jenny and Mark,

I attached the backup for Change Order 018. We have changed the title for the Change Order to number 018 Rev A. Similar to Change Order 014 Rev A, we are resubmitting it with a reduced price so it too can be completed within the time frame of the rest of the project, and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Today, in our weekly meeting, we were given a copy of the Addison Airport Safety Equipment Layout Plan, dated October 25, showing the eight flame detection elements covered by this Change Order.

As we stated with Change Order 014 Rev A, there are several reasons for this re-submittal.

1. Unquestionably, Rabalais has done an excellent job to date and has invested a lot of time on this change order to get it to this point. They spent a lot of time looking at alternatives and dealing with their subcontractor (Siemens) to ensure that the proper safety equipment was included on this project.
2. To assist our sub-contractor and to encourage completion of the fuel farm as originally intended, we've elected to remove the majority of our costs on this change order; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not include the time we've actually invested on this issue.
3. Based on the Addison Airport Safety Equipment Layout Plan, dated October 25, it appears that we all agree that the four (4) additional flame detectors need to be installed. We believe this task should be completed by Rabalais to assure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization by another contractor in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Another compelling reason to proceed with the change order at this time is to ensure that the people most knowledgeable about the project are involved with implementing all the safety measures that have been deemed to be necessary to provide for the safe operation of the Bulk Fuel Storage and Dispensing System.
5. Embarking on the start-up of a new system without the agreed upon full complement of safety equipment is not considered prudent; any special or non-routine safety procedures that would be put in place to compensate for the lack of a complete safety system diminishes the project's chance of success.
6. As always, our approach is to do what is in the best interest of the project, and our pricing is indicative of that approach. We believe that Rabalais is owed compensation for all the work done in conjunction with Siemens on this issue. We feel strongly enough about these two points that we have significantly reduced our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

Best Regards
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, October 27, 2005 11:03 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 018 Rev A

Jenny and Mark,

I attached the backup for Change Order 018. We have changed the title for the Change Order to number 018 Rev A. Similar to Change Order 014 Rev A, we are resubmitting it with a reduced price so it too can be completed within the time frame of the rest of the project, and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Today, in our weekly meeting, we were given a copy of the Addison Airport Safety Equipment Layout Plan, dated October 25, showing the eight flame detection elements covered by this Change Order.

As we stated with Change Order 014 Rev A, there are several reasons for this re-submittal.

1. Unquestionably, Rabalais has done an excellent job to date and has invested a lot of time on this change order to get it to this point. They spent a lot of time looking at alternatives and dealing with their subcontractor (Siemens) to ensure that the proper safety equipment was included on this project.
2. To assist our sub-contractor and to encourage completion of the fuel farm as originally intended, we've elected to remove the majority of our costs on this change order; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not include the time we've actually invested on this issue.
3. Based on the Addison Airport Safety Equipment Layout Plan, dated October 25, it appears that we all agree that the four (4) additional flame detectors need to be installed. We believe this task should be completed by Rabalais to assure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization by another contractor in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Another compelling reason to proceed with the change order at this time is to ensure that the people most knowledgeable about the project are involved with implementing all the safety measures that have been deemed to be necessary to provide for the safe operation of the Bulk Fuel Storage and Dispensing System.
5. Embarking on the start-up of a new system without the agreed upon full complement of safety equipment is not considered prudent; any special or non-routine safety procedures that would be put in place to compensate for the lack of a complete safety system diminishes the project's chance of success.
6. As always, our approach is to do what is in the best interest of the project, and our pricing is indicative of that approach. We believe that Rabalais is owed compensation for all the work done in conjunction with Siemens on this issue. We feel strongly enough about these two points that we have significantly reduced our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

Thielsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date: CCR-018 Revision A

Date: Monday, August 15, 2005

Sale Price **\$23,750.00**
Total Costs **\$21,588.00**
Gross Margin % **9.10%**
Gross Profit **\$2,162.00**

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|-------------|--------|--------|---------------------------|--------|---------------|-------|---------------|
| 1 | | | | | | | | |
| 2 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 4 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| | | | | Total E.C.M. Costs | | \$0.00 | | \$0.00 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|-----|---|------|-------------------------------|------------|--------------|---------------|
| 101 | 21 day schedule extension past the 21 days described for Change Request Number 010. | 1093 | Project Manager | | | |
| 102 | | 1021 | Engineer | | | |
| 103 | | 1106 | Tech. Engineer | \$110.00 | 0 | \$0.00 |
| 104 | Delivery of equipment is estimated at 4 to 6 weeks. assumption is that equipment will be ordered Monday October 31 | 1105 | Suprintendent | \$80.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$75.00 | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | \$65.00 | 0 | \$0.00 |
| 107 | Work is consistent with Safety Equipment Layout Plan Dated October 26 2005 and submitted to Thielsch Engineering on October 27 2005 | 1111 | Welder-Pipe | \$60.00 | 0 | \$0.00 |
| 108 | | 1078 | Pipefitter | \$53.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$83.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$83.00 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$35.20 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$80.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$40.00 | 0 | \$0.00 |
| 114 | | 1054 | Laborer / Millwright | \$30.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$25.00 | 0 | \$0.00 |
| 116 | | 4319 | Training Engineer | \$35.25 | 0 | \$0.00 |
| 117 | | 4320 | Training Tech | \$60.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$35.00 | 0 | \$0.00 |
| | | | MANDAY IMPACT | | | |
| | | | #DIV0! | | | |
| | | | Total Labor | | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | |
|-----|--|------------------------|----------------|-------------|--------------------|-------------|
| 201 | ADDITION OF FOUR SYSTEMS TO EXISTING SYSTEMS | | Electrical | | | |
| 202 | | | Mechanical | \$21,588.00 | 1.1 | \$23,746.80 |
| 203 | | | SCADA/PLC | \$0.00 | 1.1 | \$0.00 |
| 204 | | | Civil | \$0.00 | 1.1 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.1 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.1 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.1 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.1 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.1 | \$0.00 |
| | | Total Subs Cost | | | \$21,588.00 | |

| | | | | |
|-----------|--|---------------------------------|-------|--------------------|
| Comments: | | Total Subs | | \$23,746.80 |
| | | Total E.P.M | | \$0.00 |
| | | Total Labor | | \$0.00 |
| | | Total Subs | | \$23,746.80 |
| | | Travel | | \$0.00 |
| | | Factory Training | | \$0.00 |
| | | Freight | | \$0.00 |
| | | Permits | | \$0.00 |
| | | Carrying Cost (days) | 45 | \$0.00 |
| | | Bonding | | \$0.00 |
| | | TAX @ | 0.00% | \$0.00 |
| | | TOTAL | | \$23,746.80 |
| | | TOTAL + Retainage Comp @ | 0.00% | \$23,746.80 |
| | | Additional TOTAL MARK-UP | | 0.00% |
| | | SALES PRICE | | \$23,746.80 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



Washington Group International
Integrated Engineering, Construction, and Management Solutions

October 21, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 and 18

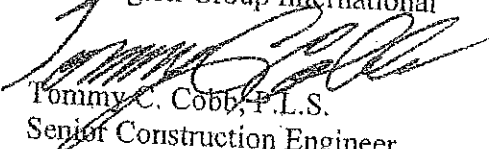
Dear Mr. Normandeau:

Our electrical engineer has reviewed your Change Order No. 18 request to add four (4) fire detectors to the detection system for \$39,650.00 and found the cost to be excessive. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Siemens. For these reasons we will delete the fire detection system from the project and the Town of Addison will have it installed at a later date. We are requesting a credit to the project for the amount of the four detectors in the contract plus the fire alarm control panel materials, and labor along with a deduction in time for not installing the system.

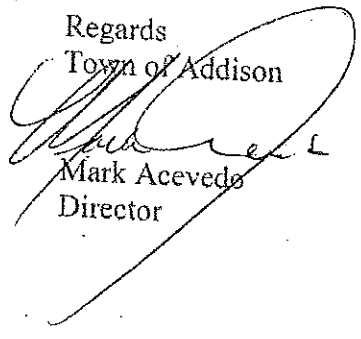
Cost of Change Order No. 14 for the motor control cabinet air conditioning system, in the amount of \$18,300.00 is believed to be excessive and will not be installed under this contract.

Please respond with the credit amount for and number of days commensurate with your change order no. 18 request.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director

Construction Change Order**For required change to Fire Detection System****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, adding 4 flame detectors to the fire detection and alarm system. The requirements for change can be noted in the response to Rabalais RFI.

This modification to the original design of the fire alarm system (detailed in Siemens drawing FA-01) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Installation of Additional (qty. 4) Flame Detectors

| | |
|-----------|--|
| (100' LF) | ¾" RGS conduit |
| (12' LF) | ½" sealtight flexible conduit |
| (13 EA.) | Conduit beam clamps |
| (8 EA.) | ½" sealtight connectors |
| (4 EA.) | ¾" Tee Condulets |
| (4 EA.) | ¾" X ½" RE reducers |
| (4 EA.) | Spectrex UV/IR Flame detectors (class 1, div 1, group D) |
| (4 EA.) | Zone monitoring modules |

Prices include transporting materials, labor, material cost, installation of materials, the increase in size of power supply, additional check-out & testing and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 20,410.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to original schedule is + 2 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Fire Detection System

Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 11:39 AM
To: tom.cobb@wgint.com
Cc: Jenny Nicewander; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: CCR-018 C

Tom,

Per your request, I revised Change Order 018 and attached it here.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change OrderFor required change to Fire Detection System05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, adding 4 flame detectors to the fire detection and alarm system. The requirements for change can be noted in the response to Rabalais RFI.

This modification to the original design of the fire alarm system (detailed in Siemens drawing FA-01) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Installation of Additional (qty. 4) Flame Detectors

| | |
|-----------|--|
| (100' LF) | 3/4" RGS conduit |
| (12' LF) | 1/2" sealtight flexible conduit |
| (13 EA.) | Conduit beam clamps |
| (8 EA.) | 1/2" sealtight connectors |
| (4 EA.) | 3/4" Tee Condulets |
| (4 EA.) | 3/4" X 1/2" RE reducers |
| (4 EA.) | Spectrex UV/IR Flame detectors (class 1, div 1, group D) |
| (4 EA.) | Zone monitoring modules |

Prices include transporting materials, labor, material cost, installation of materials, the increase in size of power supply, additional check-out & testing and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **20,410.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to original schedule is + 23 days
 - b. Impact to schedule as amended by CCR-010 is +2 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Fire Detection System

Thielsch Engineering, Inc. Date

Town of Addison Date

- CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Thielsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date: CCR-018 Revision A

Date: Monday, August 15, 2005

Sale Price \$20,410.00
Total Costs \$17,740.00
Gross Margin % 13.08%
Gross Profit \$2,670.00

Contract Type: Construction Change Request

| # | EQUIPMENT, COMPONENTS, MATERIALS | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|----------------------------------|-------------|--------|--------|-----------|--------|------------|-------|--------|
| 1 | | | | | | | | | |
| 2 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 4 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 5 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 6 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 7 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 8 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 9 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 10 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 11 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 12 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 13 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 14 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 15 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 16 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 17 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 18 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 19 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 20 | | | | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |

TEI LABOR SERVICES Total E.C.M. Costs \$0.00 Total E.C.M. \$0.00

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|-----|--|------|-------------------------------|------------|--------------|--------|
| 101 | | | | | | |
| 102 | | | | | | |
| 103 | | 1083 | Project Manager | | 0 | |
| 104 | Delivery of equipment is estimated at 4 to 5 weeks, assumption is that equipment will be ordered Monday November 14 | 1021 | Engineer | | 0 | \$0.00 |
| 105 | | 1108 | Tech. Engineer | \$110.00 | 0 | \$0.00 |
| 106 | | 1105 | Superintendent | \$80.00 | 0 | \$0.00 |
| 107 | Work is consistent with Safety Equipment Layout Plan Dated October 20 2005 and submitted to Thielsch Engineering on October 27, 2005 | 1140 | Foreman | \$75.00 | 0 | \$0.00 |
| 108 | | 1138 | Draftsman | \$95.00 | 0 | \$0.00 |
| 109 | | 1111 | Welder-Pipe | \$80.00 | 0 | \$0.00 |
| 110 | | 1076 | Pipefitter | \$83.00 | 0 | \$0.00 |
| 111 | | 1052 | Mechanic | \$83.00 | 0 | \$0.00 |
| 112 | | 1043 | Mechanical-helper | \$63.00 | 0 | \$0.00 |
| 113 | | 1112 | Structural Welder | \$35.20 | 0 | \$0.00 |
| 114 | | 1052 | Structural Welder- Journeyman | \$60.00 | 0 | \$0.00 |
| 115 | | 1113 | Welder-Helper | \$40.00 | 0 | \$0.00 |
| 116 | | 1064 | Laborer / Millwright | \$30.00 | 0 | \$0.00 |
| 117 | | 1043 | Shop Weld Labor | \$25.00 | 0 | \$0.00 |
| 118 | | 4319 | Training Engineer | \$35.25 | 0 | \$0.00 |
| | | 4320 | Training Tech | \$60.00 | 0 | \$0.00 |
| | | 1008 | Documentation Coord. | \$35.00 | 0 | \$0.00 |
| | | | | | 4 | \$0.00 |

SUB CONTRACTOR SERVICES MANDAY IMPACT #DIV/0! Total Labor 4 \$0.00

| # | Description | Name | Type | Mult. | Price |
|-----|---|------|----------------|-------|-------------|
| 201 | ADDITION OF FOUR SIEMENS FIRE DETECTORS - Submitted Proposal by Riggers & E | | Electrical | 1.15 | \$20,401.00 |
| 202 | | | Mechanical | 1.1 | \$0.00 |
| 203 | | | SCADA/PLC | 1.1 | \$0.00 |
| 204 | | | Civil | 1.1 | \$0.00 |
| 205 | | | Gen. Services | 1.1 | \$0.00 |
| 206 | | | Support Groups | 1.1 | \$0.00 |
| 207 | | | Riggers | 1.1 | \$0.00 |
| 208 | | | Equipment | 1.1 | \$0.00 |
| 209 | | | Miscellaneous | 1.1 | \$0.00 |
| 209 | | | | 1.1 | \$0.00 |

| | | | | |
|-----------|--------------------------|-------------|------------|-------------|
| Comments: | Total Subs Cost | \$17,740.00 | Total Subs | \$20,401.00 |
| | Total E.P.M. | \$0.00 | | |
| | Total Labor | \$0.00 | | |
| | Total Subs | \$20,401.00 | | |
| | Travel | \$0.00 | | |
| | Factory Training | \$0.00 | | |
| | Freight | \$0.00 | | |
| | Permits | \$0.00 | | |
| | Carrying Cost (days) | 45 | | |
| | Bonding | \$0.00 | | |
| | TAX | @ | 0.00% | \$0.00 |
| | TOTAL | | | \$20,401.00 |
| | TOTAL + Retainage Comp @ | | 0.00% | \$20,401.00 |
| | Additional TOTAL MARK-UP | | | 0.00% |
| | SALES PRICE | | | \$20,401.00 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

THIELSCH ENGINEERING, INC.

pg. _____

Customer: _____

Tel. (401) 467-6454

Lab Number: _____

Facility: _____

Fax (401) 467-2398

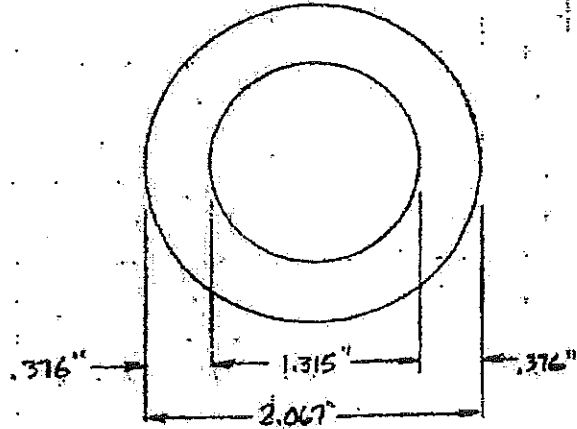
Date: _____

Project: _____

Engr./Inspector: _____

OD 1" PIPE = 1.315

ID 2" PIPE = 2.067



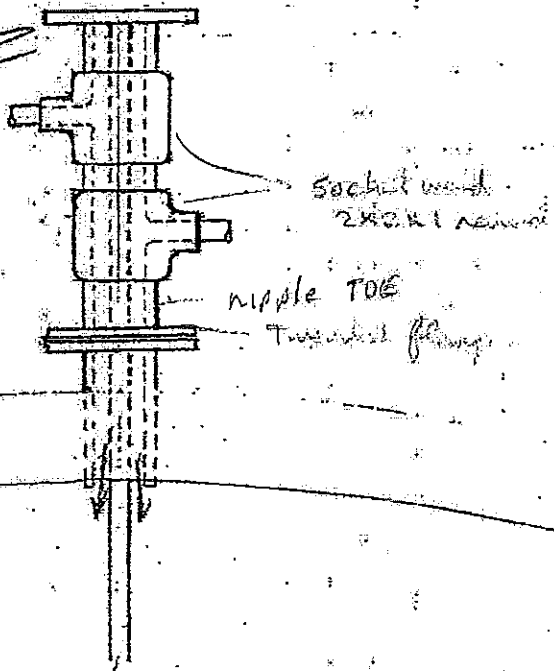
- NO EXCEPTION TAKEN
- EXCEPTION NOTED
- REJECTED
- REVISE AND RESUBMIT
- SUMMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

 **Washington Group International**

Date: 12/14/2011

[Handwritten signature]



Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Tuesday, November 08, 2005 7:25 PM
To: tom.cobb@wgint.com
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 018 Rev. B

Tom,

I've attached Change Order 018 Rev. B for the addition of four (4) flame detectors to the fire detection system.

My e-mail of 11-2-05 indicated that we could not accept the \$17,250 for the subject change order. Since that time, we have discussed the topic with you in greater detail and have made greater concessions with our subcontractors. The attached represents the change order pricing that is satisfactory to our subcontractors and compensates us for the significant amount of time and effort we spent bringing this issue to closure. We understand from your October 28 letter that your acceptance of the change order would include an addition of two (2) working days if the four (4) detectors are not delivered when the project is complete. Your October 28 letter also indicates that you will issue a stop work order and not count time against the project if all other work is complete and we are forced to wait on delivery of the four (4) additional detectors.

Please expedite approval of this so that the necessary equipment can be placed on order.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

November 2, 2005

Washington Group International
Town of Addison

Attention: Tommy C. Cobb
Mark Acevedo

Subject: Addison Texas Airport Fuel farm
Proposed Change Orders 14A and 18A

Dear Mr. Cobb and Mr. Acevedo

In response to your letter dated October 28, 2005, regarding the air conditioning and dehumidifying of the motor control and PLC cabinet, warranty work, if required in the future, will not cover any damage that is deemed to be caused by high temperature or moisture.

Regarding the fire detection system modification, we accept the two working day duration with a stop work until the detectors arrive. However, considering the amount of time and effort expended to date to arrive at an acceptable NFPA designed system, and participate in the approval process, the cost must remain at \$23,746.80.

If this is not a workable solution, we will revise the change order as previously directed to only include time and material costs incurred by Siemens, Rabalais I&E, and Thielsch Engineering to come up with the completed design that does meet NFPA standards and for time spent participating in the approval process.

Regards,
Rick Normandeau
Thielsch Engineering

CC: Tom Lent, Thielsch Eng.
Peter Kennefick, Thielsch Eng.
Cary Franklin, Thielsch Eng.
Brian Johnson, Thielsch Eng.
Herman Cardona, Rabalais I&E
Raymond Patterson, Siemens



Washington Group International

Integrated Engineering, Construction, and Management Solutions

October 28, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 A and 18 A

Dear Mr. Normandeau:

We have reviewed your Change Order No. 14 A request to add an air conditioning system to the motor control cabinet. The designer of the cabinet does not believe the air conditioner is needed. Therefore, Change Order No. 14 A is canceled.

Your proposed Change Order No. 18 A for the addition of 4 fire detectors to the detection system for \$23,746.80 with an addition of 21 days is excessive in both cost and time. We know the installed cost should be approximately \$15,000.00. We are willing to allow you to proceed with the change order for this amount plus a 15 percent markup, bringing the total allowable to \$17,250.00 with an addition of 2 working days if the 4 detectors are not delivered when the project is complete. We will issue a stop work order and not count time against the project if all other work is complete and you are forced to wait on delivery of the 4 additional detectors. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Siemens, and no service contract is to be included with the system.

Please respond to this request with a ^{2 WED} yes or no answer by close of work ^{WEDNESDAY MA} Tuesday, 5:00 p.m. central standard time, November 1, 2005. Failure to respond will be construed as a "No" answer. If your answer is no, we will delete the fire detection system in it's entirety from the project, and the Town of Addison will have it installed at a later date.

We will be requesting a credit to the project for the amount of the four detectors required by the contract plus the fire alarm control panel materials, and labor.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director



Washington Group International
Integrated Engineering, Construction, and Management Solutions

cc. Jenny Nicewander
Lisa Pyles
Luis Elguezabal
Ted Rigo

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, October 27, 2005 11:03 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 018 Rev A

Jenny and Mark,

I attached the backup for Change Order 018. We have changed the title for the Change Order to number 018 Rev A. Similar to Change Order 014 Rev A, we are resubmitting it with a reduced price so it too can be completed within the time frame of the rest of the project, and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Today, in our weekly meeting, we were given a copy of the Addison Airport Safety Equipment Layout Plan, dated October 25, showing the eight flame detection elements covered by this Change Order.

As we stated with Change Order 014 Rev A, there are several reasons for this re-submittal.

1. Unquestionably, Rabalais has done an excellent job to date and has invested a lot of time on this change order to get it to this point. They spent a lot of time looking at alternatives and dealing with their subcontractor (Siemens) to ensure that the proper safety equipment was included on this project.
2. To assist our sub-contractor and to encourage completion of the fuel farm as originally intended, we've elected to remove the majority of our costs on this change order; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not include the time we've actually invested on this issue.
3. Based on the Addison Airport Safety Equipment Layout Plan, dated October 25, it appears that we all agree that the four (4) additional flame detectors need to be installed. We believe this task should be completed by Rabalais to assure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization by another contractor in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Another compelling reason to proceed with the change order at this time is to ensure that the people most knowledgeable about the project are involved with implementing all the safety measures that have been deemed to be necessary to provide for the safe operation of the Bulk Fuel Storage and Dispensing System.
5. Embarking on the start-up of a new system without the agreed upon full complement of safety equipment is not considered prudent; any special or non-routine safety procedures that would be put in place to compensate for the lack of a complete safety system diminishes the project's chance of success.
6. As always, our approach is to do what is in the best interest of the project, and our pricing is indicative of that approach. We believe that Rabalais is owed compensation for all the work done in conjunction with Siemens on this issue. We feel strongly enough about these two points that we have significantly reduced our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

Best Regards
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, October 27, 2005 11:03 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKenefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 018 Rev A

Jenny and Mark,

I attached the backup for Change Order 018. We have changed the title for the Change Order to number 018 Rev A. Similar to Change Order 014 Rev A, we are resubmitting it with a reduced price so it too can be completed within the time frame of the rest of the project, and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Today, in our weekly meeting, we were given a copy of the Addison Airport Safety Equipment Layout Plan, dated October 25, showing the eight flame detection elements covered by this Change Order.

As we stated with Change Order 014 Rev A, there are several reasons for this re-submittal.

1. Unquestionably, Rabalais has done an excellent job to date and has invested a lot of time on this change order to get it to this point. They spent a lot of time looking at alternatives and dealing with their subcontractor (Siemens) to ensure that the proper safety equipment was included on this project.
2. To assist our sub-contractor and to encourage completion of the fuel farm as originally intended, we've elected to remove the majority of our costs on this change order; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not include the time we've actually invested on this issue.
3. Based on the Addison Airport Safety Equipment Layout Plan, dated October 25, it appears that we all agree that the four (4) additional flame detectors need to be installed. We believe this task should be completed by Rabalais to assure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization by another contractor in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Another compelling reason to proceed with the change order at this time is to ensure that the people most knowledgeable about the project are involved with implementing all the safety measures that have been deemed to be necessary to provide for the safe operation of the Bulk Fuel Storage and Dispensing System.
5. Embarking on the start-up of a new system without the agreed upon full complement of safety equipment is not considered prudent; any special or non-routine safety procedures that would be put in place to compensate for the lack of a complete safety system diminishes the project's chance of success.
6. As always, our approach is to do what is in the best interest of the project, and our pricing is indicative of that approach. We believe that Rabalais is owed compensation for all the work done in conjunction with Siemens on this issue. We feel strongly enough about these two points that we have significantly reduced our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

Thielsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date:CCR-01B Revision A

Date: Monday, August 15, 2005

Sale Price \$23,750.00
Total Costs \$21,588.00
Gross Margin % 8.10%
Gross Profit \$2,162.00

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|-------------|--------|--------|-------------------|--------|--------------|--------|--------|
| 1 | | na | | | | | | |
| 2 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 4 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 5 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 6 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 7 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 8 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 9 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 10 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 11 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 12 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 13 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 14 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 15 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 16 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 17 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 18 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 19 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 20 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| TEI LABOR SERVICES | | | | Total E.C.M.Costs | \$0.00 | Total E.C.M. | \$0.00 | \$0.00 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|--------------------------------|--|------|-------------------------------|-------------|--------------|--------|
| 101 | 21 day schedule extension: past the 21 days described for Change Request Number 010 | 1083 | Project Manager | | 0 | |
| 102 | | 1021 | Engineer | | 0 | |
| 103 | | 1106 | Tech. Engineer | \$110.00 | 0 | \$0.00 |
| 104 | Delivery of equipment is estimated at 4 to 5 weeks, assumption is that equipment will be ordered Monday October 31 | 1105 | Superintendent | \$80.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$75.00 | 0 | \$0.00 |
| 106 | | 1130 | Craftsman | \$95.00 | 0 | \$0.00 |
| 107 | Work is consistent with Safety Equipment layout Plan Dated October 25 2005 and submitted to Thielsch Engineering on October 27, 2005 | 1111 | Welder-Pipe | \$60.00 | 0 | \$0.00 |
| 108 | | 1078 | Pipewriter | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$63.00 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$38.20 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$60.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$40.00 | 0 | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | \$30.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$25.00 | 0 | \$0.00 |
| 116 | | 4319 | Training Engineer | \$35.25 | 0 | \$0.00 |
| 117 | | 4320 | Training Tech | \$60.00 | 0 | \$0.00 |
| 118 | | 1006 | Documentation Coord. | \$35.00 | 0 | \$0.00 |
| SUB CONTRACTOR SERVICES | | | | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | | |
|------------------|--|------|----------------|----------------|-------------|-------------|-------------|
| 201 | ADDITION OF SUBSYSTEMS FIRE ALARM SYSTEM | | Electrical | | | | |
| 202 | | | Mechanical | \$21,588.00 | 1.1 | \$23,746.80 | |
| 203 | | | SCADA/PLC | \$0.00 | 1.1 | \$0.00 | |
| 204 | | | Civil | \$0.00 | 1.1 | \$0.00 | |
| 205 | | | Gen. Services | \$0.00 | 1.1 | \$0.00 | |
| 206 | | | Support Groups | \$0.00 | 1.1 | \$0.00 | |
| 207 | | | Riggers | \$0.00 | 1.1 | \$0.00 | |
| 208 | | | Equipment | \$0.00 | 1.1 | \$0.00 | |
| 209 | | | Miscellaneous | \$0.00 | 1.1 | \$0.00 | |
| Comments: | | | | Total Sub Cost | \$21,588.00 | Total Subs | \$23,746.80 |

| | |
|--------------------------------|--------------------|
| Total E.P.M | \$0.00 |
| Total Labor | \$0.00 |
| Total Subs | \$23,746.80 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 45 \$0.00 |
| Bonding | \$0.00 |
| TAX @ 0.00% | \$0.00 |
| TOTAL | \$23,746.80 |
| TOTAL + Retainage Comp @ 0.00% | \$23,746.80 |
| Additional TOTAL MARK-UP 0.00% | \$0.00 |
| SALES PRICE | \$23,746.80 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



Washington Group International

Integrated Engineering, Construction, and Management Solutions

October 21, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 and 18

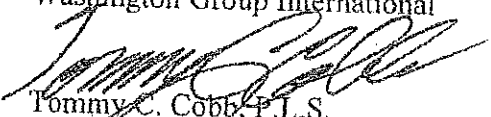
Dear Mr. Normandeau:

Our electrical engineer has reviewed your Change Order No. 18 request to add four (4) fire detectors to the detection system for \$39,650.00 and found the cost to be excessive. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Seimens. For these reasons we will delete the fire detection system from the project and the Town of Addison will have it installed at a later date. We are requesting a credit to the project for the amount of the four detectors in the contract plus the fire alarm control panel materials, and labor along with a deduction in time for not installing the system.

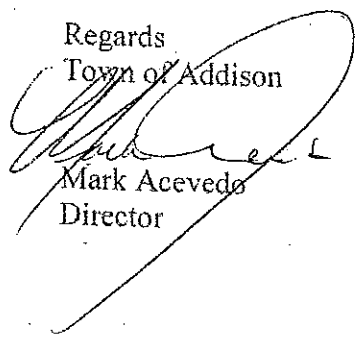
Cost of Change Order No. 14 for the motor control cabinet air conditioning system, in the amount of \$18,300.00 is believed to be excessive and will not be installed under this contract.

Please respond with the credit amount for and number of days commensurate with your change order no. 18 request.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director

Construction Change Order

For requested change to Ripout/Resinstall Fire Hydrant Bollards at New Spacing

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the town to alter the fire hydrant bollard spacing to more closely match the spacing utilized by the City of Carrollton, Thielsch transmittal # TH022 layout indicates the bollard placement/spacing requested by the Town of Addison. This change has added to the scope of work, and the additional cost of construction has been determined; this change represents a change to the original bid package:

- 2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of \$ **4,560.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, and not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Ripout/Resinstall Fire Hydrant Bollards at New Spacing

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson
 Cary Franklin

Jenny Nicewander

From: mnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 11:23 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 0020--Remove and Replace Fire Hydrant Bollards

Tom and Mark,

Attached is the formal change order document, and backup estimate, for the subject change order. Also attached is the original proposal from Texas Industrial Partners, dated 11-1-05, and the Thielsch Requisition/Purchase Order Confirmation dated 11-16-05.

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001
CCR020-Remove and Reinstall Fire Hydrant Bollards

Date: Thursday, January 19, 2006

Sale Price \$4,560.00
Total Costs \$3,957.00
Gross Margin % 13.22%
Gross Profit \$603.00

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|-------------|--------|--------|--------------------|--------|--------------|--------|--------|
| 1 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 2 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 3 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 4 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M. Costs | \$0.00 | Total E.C.M. | \$0.00 | \$0.00 |

ALCO LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. | Hours | Price | |
|-----|-------------|------------------------------------|----------|---------------|--------|-------------|--------|--------|
| 101 | | 1083 Project Manager | | \$110.00 | 1 | | \$0.00 | |
| 102 | | 1021 Engineer | | \$90.00 | 1 | | \$0.00 | |
| 103 | | 1106 Tech. Engineer | | \$80.00 | 0 | | \$0.00 | |
| 104 | | 1105 Superintendent | | \$75.00 | 0 | | \$0.00 | |
| 105 | | 1140 Foreman | | \$65.00 | 0 | | \$0.00 | |
| 106 | | 1136 Draftsman | | \$60.00 | 0 | | \$0.00 | |
| 107 | | 1111 Welder-Pipe | | \$63.00 | 0 | | \$0.00 | |
| 108 | | 1076 Pipefitter | | \$63.00 | 0 | | \$0.00 | |
| 109 | | 1052 Mechanic | | \$63.00 | 0 | | \$0.00 | |
| 110 | | 1043 Mechanical-Helper | | \$35.20 | 0 | | \$0.00 | |
| 111 | | 1112 Structural Welder | | \$60.00 | 0 | | \$0.00 | |
| 112 | | 1052 Structural Welder- Journeyman | | \$40.00 | 0 | | \$0.00 | |
| 113 | | 1113 Welder-Helper | | \$30.00 | 0 | | \$0.00 | |
| 114 | | 1084 Laborer / Millwright | | \$25.00 | 0 | | \$0.00 | |
| 115 | | 1043 Shop Weld Labor | | \$35.25 | 0 | | \$0.00 | |
| 116 | | 4319 Training | Engineer | \$60.00 | 0 | | \$0.00 | |
| 117 | | 4320 Training | Tech | \$35.00 | 0 | | \$0.00 | |
| 118 | | 1908 Documentation Coord. | | \$20.00 | 1 | | \$0.00 | |
| | | | | MANDAY IMPACT | 0.00 | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price |
|-----|---|---------------------------|----------------|-----------------|------------|
| 201 | | | Electrical | 1.15 | \$0.00 |
| 202 | | | Mechanical | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 |
| 204 | REMOVAL AND REPOSITION OF 4" FIRE HYDRANT BOLLARDS AND REPAINTING | Texas Industrial Partners | Civil | 1.15 | \$4,550.55 |
| 205 | | | Gen. Services | 1.15 | \$0.00 |
| 206 | | | Support Groups | 1.15 | \$0.00 |
| 207 | | | Riggers | 1.15 | \$0.00 |
| 208 | | | Equipment | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | 1.15 | \$0.00 |
| | | | | Total Subs Cost | \$3,957.00 |
| | | | | Total Subs | \$4,550.55 |

Comments:

TIP Quote dated October 28, 2005 sent via fax

| | |
|--------------------------------|------------|
| Total E.P.M. | \$0.00 |
| Total Labor | \$0.00 |
| Total Subs | \$4,550.55 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 45 |
| Bonding | \$0.00 |
| TAX @ 0.00% | \$0.00 |
| TOTAL | \$4,550.55 |
| TOTAL + Retainage Comp @ 0.00% | \$4,550.55 |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$4,550.55 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

THIELSCH ENGINEERING

PURCHASE ORDER REQUISITION

DEPARTMENT: UES 41

REQ. NUMBER:

| | |
|---------------|----------------------------------|
| Vendor | |
| Name | Texas Industrial Partners |
| Address | 2540 Aero Drive |
| | Grand Prairie, TX 75062 |
| Attn: | Mike Glass |
| Tel./Fax.: | 972 205 0277/972 602 1388 |

| | |
|---------|----------------------|
| Date | 11/16/2005 |
| Contact | Cary Franklin |
| Tel. | 972 233 1222 |
| Fax | 972 233 1244 |

| Date Required | | Requisitioner | | Shipped Via | F.O.B | Terms |
|---------------|-----|---------------|------|---|------------|----------|
| Job # | Qty | Rec'd | U/ M | Best Way Description | Unit Price | Total |
| 41-05-0015 | | | | | | |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | 1 | | | Bollard Installation—fabricate and install four 6" diameter schedule 40 pipe bollards | | 3,957.00 |
| | | | | Above item described in October 28, 2005 proposal from Texas Industrial to Thielsch Eng Rick Normandeau | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | THERE IS NO SALES TAX--ADDISON IS TAX EXEMPT | | - |
| | | | | Purchase Order Number 119494 | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |
| | | | | | | - |

| | |
|-----------------|--------------------|
| SubTotal | \$ 3,957.00 |
| Shipping | |
| Total | \$ 3,957.00 |

Cary Franklin 11/16/2005
 Authorized by Date

Nov 01 05 12:01p

119494



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

CONFIDENTIAL - FAX - CONFIDENTIAL

| | | | |
|--------|----------------------------|--------|------------|
| To: | Rick Normandeau - Theilich | From: | Mike Glass |
| Fax: | 972-233-1244 | Pages: | 6 Total |
| Phone: | 972-233-1222 | Date: | 11/1/2005 |
| Re: | Quotation | CC: | |

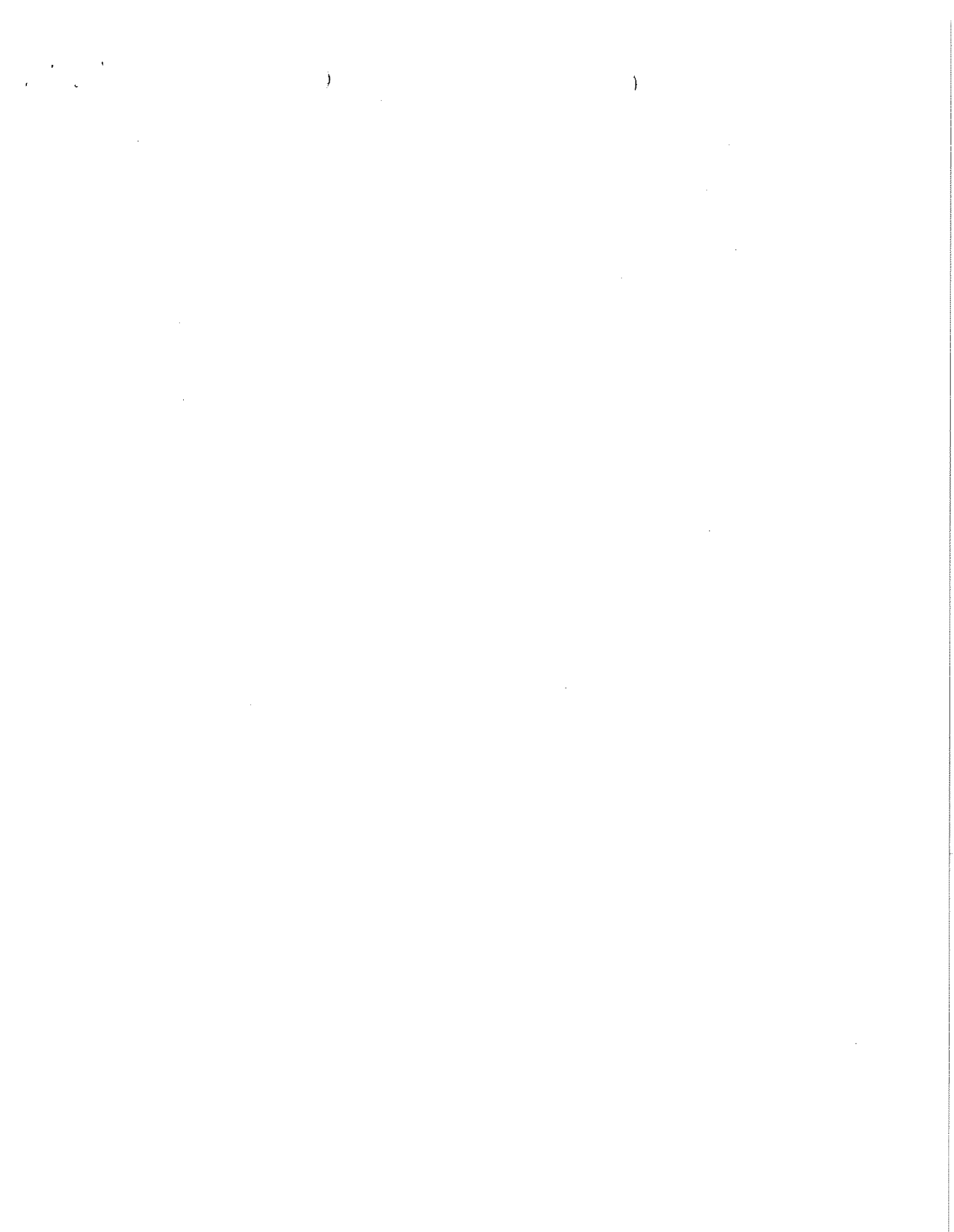
Urgent For Review Please Comment Please Reply Please Recycle

● Comments:

Rick,

Attached is the quotation for the Fire Hydrant Bollards that we discussed. Please review and let me know if you have any questions.

Regards,
Mike Glass
Mike Glass
Texas Industrial Partners, Inc.
817-727-1988 cell



Nov 01 05 12:01p



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

October 28, 2005

Theilich Engineering
Attn: Rick Normandea
2111 Dickson Drive
Suite 10
Austin, Texas 78704

RE: Addison Airport – Fire Hydrant Bollards

Dear Mr. Normandea:

We are pleased with the opportunity to present our proposal on the above referenced project.

Scope of Work

A. Bollard Installation:

1. Fabricate and install (4) 6" diameter sch 40 pipe bollards.
2. Fill with concrete
3. Paint bollards with Sherwin Williams DTM Industrial Enamel in Safety Yellow.
4. No additional concrete, asphalt, or other civil work included.

Pricing:

| Description | Pricing |
|-------------------------|------------------------|
| A. Bollard Installation | \$3,957. ⁰⁰ |

General Project Notes:

1. Owner to provide material staging and storage area on site.
2. Owner to provide temporary power and other utilities, as required.
3. Owner to provide temporary lighting, as required.
4. Owner to provide personal facilities.

Exclusions:

1. Taxes
2. Testing
3. Surveying
4. Design, Engineering, and Drawings
5. Permit and Licensing

Nov 01 05 12:01p



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

6. Electrical or Alarm Wiring Devices
7. Painting Not Specifically Stated Above
8. Labeling
9. City Connection Fees
10. Location, Repair, and/or Relocation of Under Ground Utilities
11. Fencing
12. All work not specifically stated in above scope.

Notes:

1. All work to be performed during normal business hours.
2. Pricing is firm for 30 days.
3. Terms of Payment: Net 30 days.
4. Texas Industrial Partners, Inc. does not indemnify anyone against his or her own negligence.
5. Any delays will be billed at our standard Time & Material Rates.

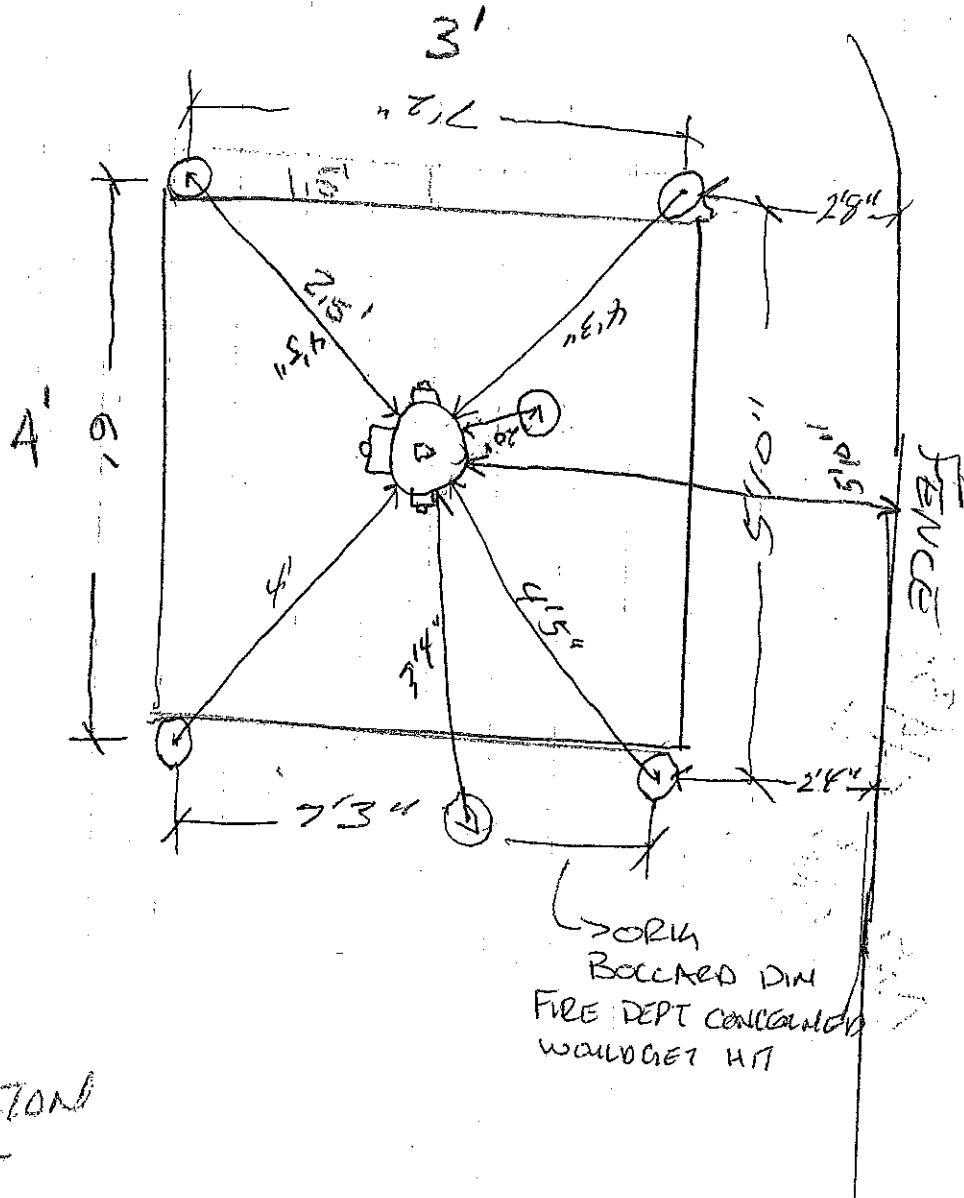
If you have any questions or need additional information, please feel free to call.

Respectfully Submitted,
Texas Industrial Partners, Inc.

Mike Glass

25 Babalu
Com gar 20 poles

VOS 7412
47795



CARROLLTON
DE TAIL

Construction Change Order

For requested change to Ripout/Resinstall Fire Hydrant Bollards at New Spacing

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the town to alter the fire hydrant bollard spacing to more closely match the spacing utilized by the City of Carrollton, Thielsch transmittal # TH022 layout indicates the bollard placement/spacing requested by the Town of Addison. This change has added to the scope of work, and the additional cost of construction has been determined; this change represents a change to the original bid package:

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of \$ **4,560.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, and not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Ripout/Resinstall Fire Hydrant Bollards at New Spacing

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson
 Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 11:23 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 0020--Remove and Replace Fire Hydrant Bollards

Tom and Mark,

Attached is the formal change order document, and backup estimate, for the subject change order. Also attached is the original proposal from Texas Industrial Partners, dated 11-1-05, and the Thielsch Requisition/Purchase Order Confirmation dated 11-16-05.

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Thursday, January 16, 2008

Sale Price \$4,560.00
Total Costs \$3,957.00
Gross Margin % 13.22%
Gross Profit \$603.00

CCR020-Remove and Reinstall Fire Hydrant Bollards Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|-------------|--------|--------|---------------|--------|---------------------|-------|---------------|
| 1 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 2 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 3 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 4 | | NA | | \$7.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 5 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | NA | | \$7.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | | \$0.00 |

ALCO LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | |
|----------------------|-------------|------------------------------------|----------|------------|--------------|--------------------|----------|---------------|
| 101 | | 1083 Project Manager | | \$110.00 | 1 | \$0.00 | | |
| 102 | | 1021 Engineer | | \$80.00 | 1 | \$0.00 | | |
| 103 | | 1108 Tech. Engineer | | \$80.00 | 0 | \$0.00 | | |
| 104 | | 1105 Superintendent | | \$75.00 | 0 | \$0.00 | | |
| 105 | | 1140 Foreman | | \$55.00 | 0 | \$0.00 | | |
| 106 | | 1138 Draftsman | | \$60.00 | 0 | \$0.00 | | |
| 107 | | 1111 Welder-Pipe | | \$83.00 | 0 | \$0.00 | | |
| 108 | | 1076 Pipefitter | | \$63.00 | 0 | \$0.00 | | |
| 109 | | 1052 Mechanic | | \$83.00 | 0 | \$0.00 | | |
| 110 | | 1043 Mechanical-helper | | \$35.20 | 0 | \$0.00 | | |
| 111 | | 1112 Structural Welder | | \$60.00 | 0 | \$0.00 | | |
| 112 | | 1052 Structural Welder- Journeyman | | \$40.00 | 0 | \$0.00 | | |
| 113 | | 1113 Welder-Helper | | \$30.00 | 0 | \$0.00 | | |
| 114 | | 1064 Laborer / Millwright | | \$25.00 | 0 | \$0.00 | | |
| 115 | | 1043 Shop Weld Labor | | \$35.25 | 0 | \$0.00 | | |
| 116 | | 4319 Training | Engineer | \$80.00 | 0 | \$0.00 | | |
| 117 | | 4320 Training | Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | | 1008 Documentation Coord. | | \$20.00 | 1 | \$0.00 | | |
| MANDAY IMPACT | | | | | 0.00 | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | | | |
|------------------------|---|---------------------------|----------------|------------|-------------------|-------------------|--|-------------------|
| 201 | | | Electrical | 1.15 | \$0.00 | | | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | | |
| 204 | REMOVAL AND REPOSITION OF 4 6" FIRE HYDRANT BOLLARDS, AND REPAIRING | Texas Industrial Services | Civil | \$3,957.00 | 1.15 | \$4,550.55 | | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | | |
| Total Subs Cost | | | | | \$3,957.00 | Total Subs | | \$4,550.55 |

Comments:

TIP Quote dated October 28, 2005 sent via fax

| | |
|---------------------------------|------------|
| Total E.P.M. | \$0.00 |
| Total Labor | \$0.00 |
| Total Subs | \$4,550.55 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 45 |
| Bonding | \$0.00 |
| TAX @ | 0.00% |
| TOTAL | \$4,550.55 |
| TOTAL + Retainage Comp @ | 0.00% |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$4,560.55 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Nov 01 05 12:01p

119494



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

CONFIDENTIAL - FAX - CONFIDENTIAL

| | | | |
|--------|----------------------------|--------|------------|
| To: | Rick Normandeau - Theilsch | From: | Mike Glass |
| Fax: | 972-233-1244 | Pages: | 6 Total |
| Phone: | 972-233-1222 | Date: | 11/1/2005 |
| Re: | Quotation | CC: | |

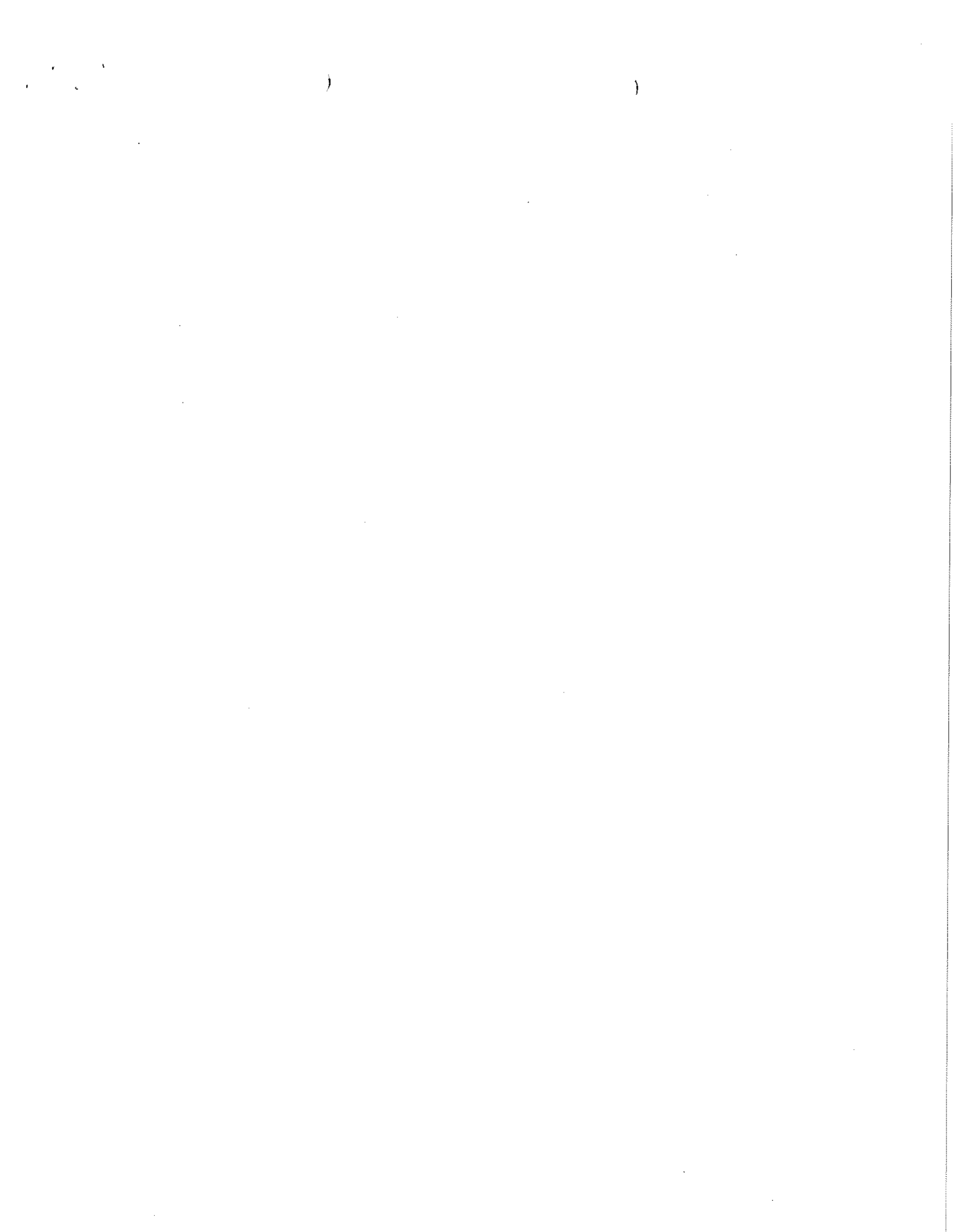
Urgent For Review Please Comment Please Reply Please Recycle

● Comments:

Rick,

Attached is the quotation for the Fire Hydrant Bollards that we discussed. Please review and let me know if you have any questions.

Regards,
Mike Glass
Mike Glass
Texas Industrial Partners, Inc.
817-727-1988 cell



Nov 01 05 12:01p



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

October 28, 2005

Theilsch Engineering
Attn: Rick Normandea
2111 Dickson Drive
Suite 10
Austin, Texas 78704

RE: Addison Airport – Fire Hydrant Bollards

Dear Mr. Normandea:

We are pleased with the opportunity to present our proposal on the above referenced project.

Scope of Work

A. Bollard Installation:

1. Fabricate and install (4) 6" diameter sch 40 pipe bollards.
2. Fill with concrete
3. Paint bollards with Sherwin Williams DTM Industrial Enamel in Safety Yellow.
4. No additional concrete, asphalt, or other civil work included.

Pricing:

| Description | Pricing |
|-------------------------|------------------------|
| A. Bollard Installation | \$3,957. ⁰⁰ |

General Project Notes:

1. Owner to provide material staging and storage area on site.
2. Owner to provide temporary power and other utilities, as required.
3. Owner to provide temporary lighting, as required.
4. Owner to provide personal facilities.

Exclusions:

1. Taxes
2. Testing
3. Surveying
4. Design, Engineering, and Drawings
5. Permit and Licensing



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

6. Electrical or Alarm Wiring Devices
7. Painting Not Specifically Stated Above
8. Labeling
9. City Connection Fees
10. Location, Repair, and/or Relocation of Under Ground Utilities
11. Fencing
12. All work not specifically stated in above scope.

Notes:

1. All work to be performed during normal business hours.
2. Pricing is firm for 30 days.
3. Terms of Payment: Net 30 days.
4. Texas Industrial Partners, Inc. does not indemnify anyone against his or her own negligence.
5. Any delays will be billed at our standard Time & Material Rates.

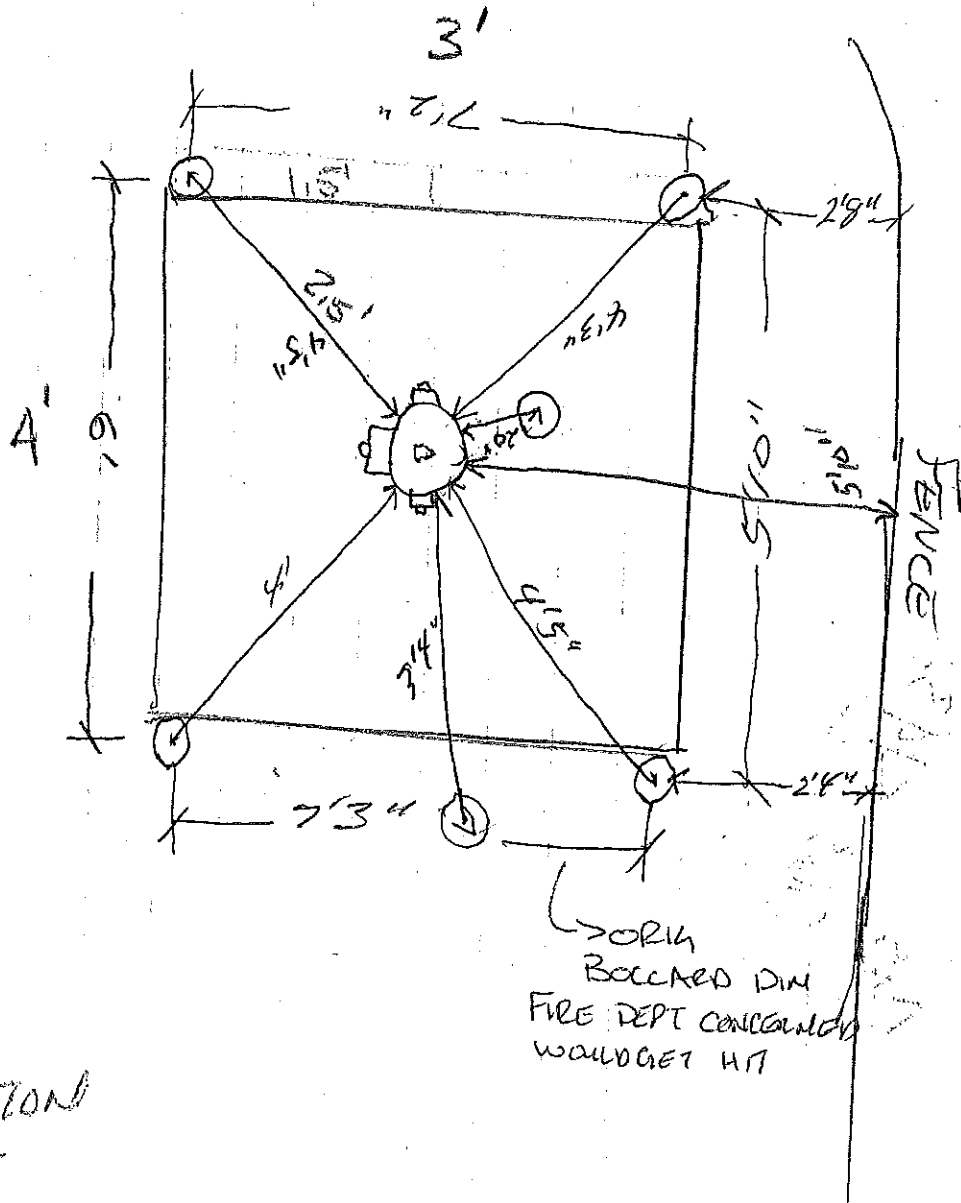
If you have any questions or need additional information, please feel free to call.

Respectfully Submitted,
Texas Industrial Partners, Inc.

Mike Glass

25 Below
Can get 20 poles

VOS 7412
47795



CARROLLTON
DE TAIL

Construction Change Order

For requested change to Ripout/Resinstall Fire Hydrant Bollards at New Spacing

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the town to alter the fire hydrant bollard spacing to more closely match the spacing utilized by the City of Carrollton, Thielsch transmittal # TH022 layout indicates the bollard placement/spacing requested by the Town of Addison. This change has added to the scope of work, and the additional cost of construction has been determined; this change represents a change to the original bid package:

- 2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$ 4,560.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, and not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Ripout/Resinstall Fire Hydrant Bollards at New Spacing

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, January 19, 2006 11:23 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 0020--Remove and Replace Fire Hydrant Bollards

Tom and Mark,

Attached is the formal change order document, and backup estimate, for the subject change order. Also attached is the original proposal from Texas Industrial Partners, dated 11-1-05, and the Thielsch Requisition/Purchase Order Confirmation dated 11-16-05.

Thielsch Engineering Estimate

Date: Thursday, January 19, 2006

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 76001

Sale Price **\$4,560.00**
Total Costs **\$3,957.00**
Gross Margin % **13.22%**
Gross Profit **\$603.00**

CCR020-Remove and Reinstall Fire Hydrant Bollards Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|-------------|--------|--------|---------------|--------|---------------------|-------|---------------|
| 1 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 2 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 3 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 4 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | | \$0.00 |

ALCO LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. | Hours | Price | |
|----------------------|-------------|------------------------------------|----------|-------------|--------|--------------------|----------|---------------|
| 101 | | 1083 Project Manager | | \$110.00 | 1 | | \$0.00 | |
| 102 | | 1021 Engineer | | \$90.00 | 1 | | \$0.00 | |
| 103 | | 1106 Tech. Engineer | | \$80.00 | 0 | | \$0.00 | |
| 104 | | 1105 Superintendent | | \$75.00 | 0 | | \$0.00 | |
| 105 | | 1140 Foreman | | \$65.00 | 0 | | \$0.00 | |
| 106 | | 1136 Draftsman | | \$60.00 | 0 | | \$0.00 | |
| 107 | | 1111 Welder-Pipe | | \$63.00 | 0 | | \$0.00 | |
| 108 | | 1078 Pipefitter | | \$63.00 | 0 | | \$0.00 | |
| 109 | | 1052 Mechanic | | \$63.00 | 0 | | \$0.00 | |
| 110 | | 1043 Mechanical-helper | | \$35.20 | 0 | | \$0.00 | |
| 111 | | 1112 Structural Welder | | \$60.00 | 0 | | \$0.00 | |
| 112 | | 1052 Structural Welder- Journeyman | | \$40.00 | 0 | | \$0.00 | |
| 113 | | 1113 Welder-Helper | | \$30.00 | 0 | | \$0.00 | |
| 114 | | 1084 Laborer / Millwright | | \$25.00 | 0 | | \$0.00 | |
| 115 | | 1043 Shop Weld Labor | | \$35.25 | 0 | | \$0.00 | |
| 116 | | 4319 Training Engineer | Engineer | \$60.00 | 0 | | \$0.00 | |
| 117 | | 4320 Training Tech | Tech | \$35.00 | 0 | | \$0.00 | |
| 118 | | 1098 Documentation Coord. | | \$20.00 | 1 | | \$0.00 | |
| MANDAY IMPACT | | | | 0.00 | | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Total Subs Cost | Total Subs | Price |
|------------------------|--|-----------------------------|----------------|-------------------|-------------------|-------------------|
| 201 | | | Electrical | | 1.15 | \$0.00 |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 |
| 204 | REMOVAL AND REPOSITION OF 4 1/2" FIRE HYDRANT BOLLARDS, AND REPAINTING | Texas Industrial Facilities | Civil | \$3,957.00 | 1.15 | \$4,550.55 |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 |
| Total Subs Cost | | | | \$3,957.00 | Total Subs | \$4,550.55 |

Comments:

TIP Quote dated October 28, 2005 sent via fax

| | | |
|---------------------------------|-------|------------|
| Total E.P.M. | | \$0.00 |
| Total Labor | | \$0.00 |
| Total Subs | | \$4,550.55 |
| Travel | | \$0.00 |
| Factory Training | | \$0.00 |
| Freight | | \$0.00 |
| Permits | | \$0.00 |
| Carrying Cost (days) | 45 | \$0.00 |
| Bonding | | \$0.00 |
| TAX @ | 0.00% | \$0.00 |
| TOTAL | | \$4,550.55 |
| TOTAL + Retainage Comp @ | 0.00% | \$4,550.55 |
| Additional TOTAL MARK-UP | | 0.00% |
| SALES PRICE | | \$4,560.55 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

119494



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

CONFIDENTIAL - FAX - CONFIDENTIAL

| | | | |
|--------|----------------------------|--------|------------|
| To: | Rick Normandeau - Theilsch | From: | Mike Glass |
| Fax: | 972-233-1244 | Pages: | 6 Total |
| Phone: | 972-233-1222 | Date: | 11/1/2005 |
| Re: | Quotation | CC: | |

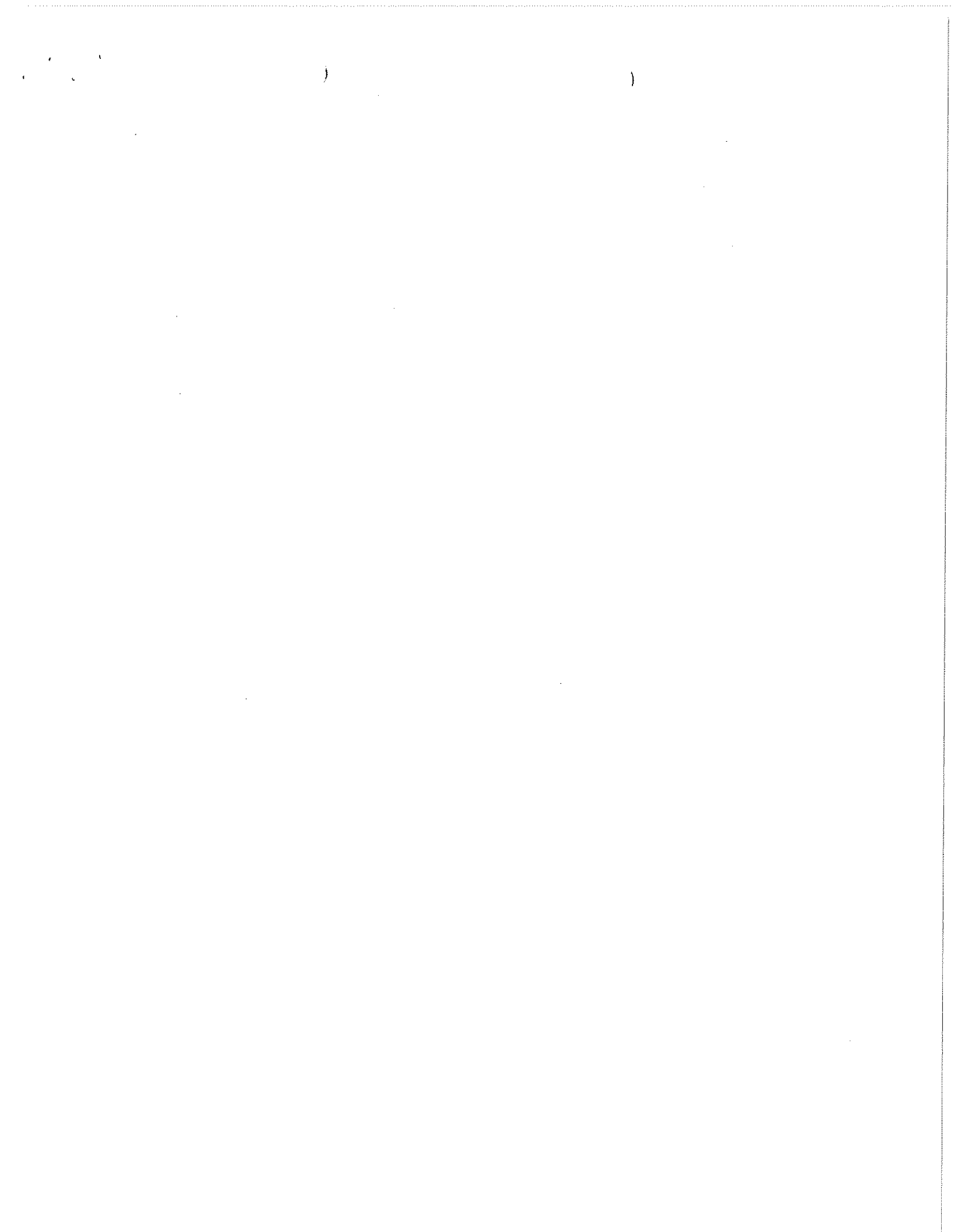
Urgent
 For Review
 Please Comment
 Please Reply
 Please Recycle

● Comments:

Rick,

Attached is the quotation for the Fire Hydrant Bollards that we discussed. Please review and let me know if you have any questions.

Regards,
 Mike Glass
 Mike Glass
 Texas Industrial Partners, Inc.
 817-727-1988 cell





2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

October 28, 2005

Theilsch Engineering
Attn: Rick Normandeau
2111 Dickson Drive
Suite 10
Austin, Texas 78704

RE: Addison Airport – Fire Hydrant Bollards

Dear Mr. Normandeau:

We are pleased with the opportunity to present our proposal on the above referenced project.

Scope of Work

A. Bollard Installation:

1. Fabricate and install (4) 6" diameter sch 40 pipe bollards.
2. Fill with concrete
3. Paint bollards with Sherwin Williams DTM Industrial Enamel in Safety Yellow.
4. No additional concrete, asphalt, or other civil work included.

Pricing:

| Description | Pricing |
|-------------------------|------------------------|
| A. Bollard Installation | \$3,957. ⁰⁰ |

General Project Notes:

1. Owner to provide material staging and storage area on site.
2. Owner to provide temporary power and other utilities, as required.
3. Owner to provide temporary lighting, as required.
4. Owner to provide personal facilities.

Exclusions:

1. Taxes
2. Testing
3. Surveying
4. Design, Engineering, and Drawings
5. Permit and Licensing



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

6. Electrical or Alarm Wiring Devices
7. Painting Not Specifically Stated Above
8. Labeling
9. City Connection Fees
10. Location, Repair, and/or Relocation of Under Ground Utilities
11. Fencing
12. All work not specifically stated in above scope.

Notes:

1. All work to be performed during normal business hours.
2. Pricing is firm for 30 days.
3. Terms of Payment: Net 30 days.
4. Texas Industrial Partners, Inc. does not indemnify anyone against his or her own negligence.
5. Any delays will be billed at our standard Time & Material Rates.

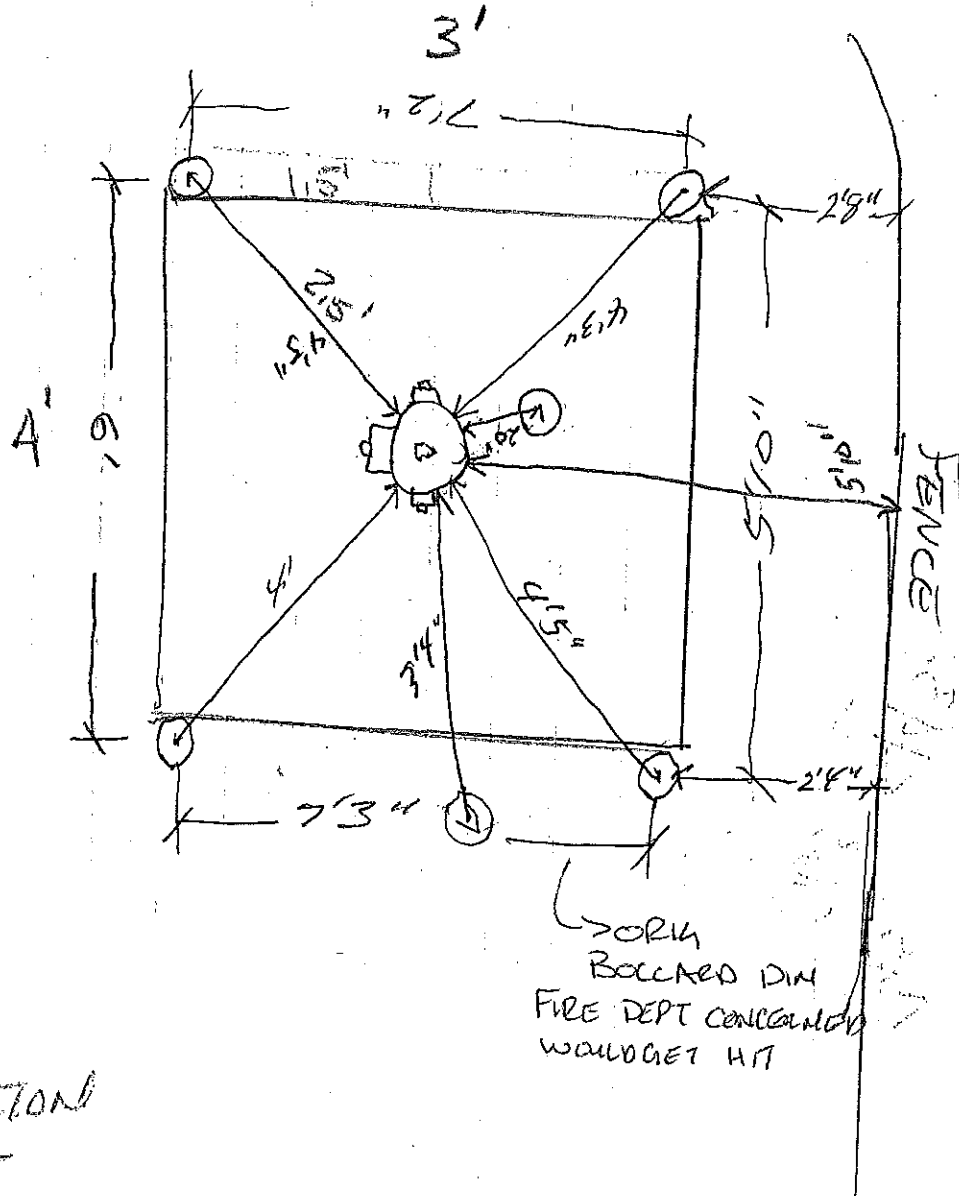
If you have any questions or need additional information, please feel free to call.

Respectfully Submitted,
Texas Industrial Partners, Inc.

Mike Glass

25 Bollards
Com gr 20 poles

VOS 7412
47795



CARROLLTON
DE TAIL

Construction Change Order

For requested change to Oil Water Separator (OWS) Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The Oil Water Separator purchased from Highland Tank was approved by the Engineer through the normal submittal, Engineer review, and approval process. After the tank was installed by the Contractor, to achieve the proper slope of the outfall line, the Engineer recommended a different OWS/storm water sewer tie-in point. This approach required "potholing" to locate the exact tie-in point and involved a complex method for connecting the outlet of the oil water separator and the storm water sewer. The Contractor recommended an alternate method to tie in the outlet of the oil water separator, at the original tie-in point, which also achieved the proper slope for the system flow. This approach was approved by the Town of Addison in an e-mail of 10-28-05. As a result of the approach recommended by the Engineer for the alternate tie-in method and location, it became necessary to: a) locate the alternative storm water outfall connection by "potholing"; b) participate in several meetings related to evaluating alternatives; c) confirm proper elevations and slopes by utilizing a third-party surveyor; d) purchase and install materials for the connection approved 10-28-05; and e) make repairs to the storm sewer and asphalt surface resulting from the "potholing".

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$28,490.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 4 days; at this point in the project, the Civil contractor was prepared to make progress on the tasks at the South end of the project site, near the OWS, and the Contractor's project team was diverted from other tasks to identify a more cost-effective tie-in approach.
 - i. Engineer recommend different tie-in point/connection method.
 - ii. "Pothole" at various locations to locate storm water connection point.
 - iii. Contractor provide alternate connection method; review Engineer and Contractor alternates.
 - iv. Agree on Contractor recommended OWS outlet modification, allowing original connection location.
 - v. Material procurement lead time.

- vi. Implement OWS/Storm Sewer connection agreed to 10-28-05.
 - vii. Proceed with completion of Civil work at south end of project site.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Oil Water Separator (OWS) Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: mnormandeu@thielsch.com
Sent: Wednesday, January 18, 2006 8:40 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: CCR-022--Oil Water Separator

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-022; this change order was originally titled "Potholing Repairs". The original change order number for the Oil Water Separator was CCR009. The letter of October 28, 2005, Mark Acevedo and Tom Cobb to Rick Normandeu, indicated that change order number 009 was to be cancelled.

This change order incorporates materials costs (Ameripipe is the supplier), subcontractor costs (Able Concrete for the civil work, and Weir and Associates for the surveying), and engineering costs. Backups are provided for Ameripipe--the requisition that was sent to Ameripipe confirming our order of October 28, 2005. We met with Able Concrete this afternoon and requested timesheets for their invoice; they indicated that a separate invoice for this change order would be provided before the end of this week. We will forward the Able invoice over as a separate e-mail and PDF file.

With this purchase order number, we can request a copy of the Ameripipe invoice if that is necessary. Let us know if this is required, and who it should be faxed to, and we will request it.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

Date: Wednesday, January 18, 2009

Sale Price \$28,490.00
 Total Costs \$25,549.59
 Gross Margin % 10.32%
 Gross Profit \$2,940.41

ADDISON AIRPORT
 15701 Addison Road
 Addison, Texas 75001

CCR-022-Oil Water Separator (OWS) Discharge Design

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | |
|----------------------------------|------------------------------|--------|---------|--------------------|----------|--------------|-------|----------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
| 1 | 10" Standard 45 degree elbow | 04 | America | \$18.24 | 1 | \$18.24 | 1.15 | \$20.97 |
| 2 | 10" 150# RF Flange | 04 | America | \$187.20 | 1 | \$187.20 | 1.15 | \$215.28 |
| 3 | 4" 150# RF Flange | 04 | America | \$18.56 | 1 | \$18.56 | 1.15 | \$21.34 |
| 4 | 4" 150# RF Blind Flange | 04 | America | \$15.59 | 1 | \$15.59 | 1.15 | \$17.93 |
| 5 | 10" x 10" x 4" Standard Tee | 04 | America | \$255.00 | 1 | \$255.00 | 1.15 | \$293.25 |
| 6 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M. Costs | \$643.59 | Total E.C.M. | | \$740.13 |

| TEI LABOR SERVICES | | | | | | | |
|--------------------|--|------|-------------------------------|------------|--------------|------------|------------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | |
| 101 | Communications, meetings, field verification, logistics, and support | 1093 | Project Manager | \$110.00 | 30 | \$3,300.00 | |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 | Engineer | \$90.00 | 30 | \$2,700.00 | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 | |
| 106 | | 1138 | Draftsman | \$60.00 | 0 | \$0.00 | |
| 107 | | 1111 | Welder-Pipe | \$83.00 | 0 | \$0.00 | |
| 108 | | 1078 | Pipefitter | \$83.00 | 0 | \$0.00 | |
| 109 | | 1052 | Mechanic | \$83.00 | 0 | \$0.00 | |
| 110 | | 1043 | Mechanic-helper | \$35.25 | 0 | \$0.00 | |
| 111 | | 1112 | Structural Welder | \$80.00 | 0 | \$0.00 | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | |
| 116 | | 4319 | Training | Engineer | \$60.00 | 0 | \$0.00 |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 |
| 118 | | 1009 | Documentation Coord. | | \$20.00 | 0 | \$0.00 |
| MANDAY IMPACT | | | | #DIV/0! | Total Labor | 60 | \$6,000.00 |

| SUB CONTRACTOR SERVICES | | | | | | | |
|-------------------------|--|---------------------|----------------|----------------|-------------|-------------|-------------|
| # | Description | Name | Type | | Mult. | Price | |
| 201 | | | Electrical | | 1.15 | \$0.00 | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | |
| 204 | Foreman, Laborer, helper, Benchie, Supervisor Man-Hours for Support-Piping | ABLE | Civil | \$15,891.00 | 1.15 | \$18,263.15 | |
| 205 | Foreman, Laborer, helper, Man-Hours for Support-OWS Installation | Wick and Associates | Gen. Services | \$1,750.00 | 1.15 | \$2,012.50 | |
| 206 | Foreman, Laborer, helper, Man-Hours for Support-OWS Installation | ABLE | Support Groups | \$1,275.00 | 1.15 | \$1,466.25 | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total Sub Cost | \$18,906.00 | Total Subs | \$21,741.90 |

| | | | |
|-----------|--|--------------------------|-------------------|
| Comments: | | Total E.P.M | \$740.13 |
| | | Total Labor | \$6,000.00 |
| | | Total Subs | \$21,741.90 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | 0 \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% \$0.00 |
| | | TOTAL | \$28,482.03 |
| | | TOTAL + Retainage Comp @ | 0.00% \$28,482.03 |
| | | Additional TOTAL MARK-UP | 0.00% |
| | | SALES PRICE | \$28,482.03 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Construction Change OrderFor requested change to Oil Water Separator (OWS) Discharge Design05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The Oil Water Separator purchased from Highland Tank was approved by the Engineer through the normal submittal, Engineer review, and approval process. After the tank was installed by the Contractor, to achieve the proper slope of the outfall line, the Engineer recommended a different OWS/storm water sewer tie-in point. This approach required "potholing" to locate the exact tie-in point and involved a complex method for connecting the outlet of the oil water separator and the storm water sewer. The Contractor recommended an alternate method to tie in the outlet of the oil water separator, at the original tie-in point, which also achieved the proper slope for the system flow. This approach was approved by the Town of Addison in an e-mail of 10-28-05. As a result of the approach recommended by the Engineer for the alternate tie-in method and location, it became necessary to: a) locate the alternative storm water outfall connection by "potholing"; b) participate in several meetings related to evaluating alternatives; c) confirm proper elevations and slopes by utilizing a third-party surveyor; d) purchase and install materials for the connection approved 10-28-05; and e) make repairs to the storm sewer and asphalt surface resulting from the "potholing".

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$28,490.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 4 days; at this point in the project, the Civil contractor was prepared to make progress on the tasks at the South end of the project site, near the OWS, and the Contractor's project team was diverted from other tasks to identify a more cost-effective tie-in approach.
 - i. Engineer recommend different tie-in point/connection method.
 - ii. "Pothole" at various locations to locate storm water connection point.
 - iii. Contractor provide alternate connection method; review Engineer and Contractor alternates.
 - iv. Agree on Contractor recommended OWS outlet modification, allowing original connection location.
 - v. Material procurement lead time.

- vi. Implement OWS/Storm Sewer connection agreed to 10-28-05.
 - vii. Proceed with completion of Civil work at south end of project site.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Oil Water Separator (OWS) Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Wednesday, January 18, 2006 8:40 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: CCR-022--Oil Water Separator

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-022; this change order was originally titled "Potholing Repairs". The original change order number for the Oil Water Separator was CCR009. The letter of October 28, 2005, Mark Acevedo and Tom Cobb to Rick Normandeau, indicated that change order number 009 was to be cancelled.

This change order incorporates materials costs (Ameripipe is the supplier), subcontractor costs (Able Concrete for the civil work, and Weir and Associates for the surveying), and engineering costs. Backups are provided for Ameripipe--the requisition that was sent to Ameripipe confirming our order of October 28, 2005. We met with Able Concrete this afternoon and requested timesheets for their invoice; they indicated that a separate invoice for this change order would be provided before the end of this week. We will forward the Able invoice over as a separate e-mail and PDF file.

With this purchase order number, we can request a copy of the Ameripipe invoice if that is necessary. Let us know if this is required, and who it should be faxed to, and we will request it.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704



PURCHASE ORDER REQUISITION

DEPARTMENT: UES .41

REQ. NUMBER: 119175

Vendor

Name Ameripipe

Address 11430 Denton Drive

Dallas, TX 75229

Attn: Jack Stanford

Tel./Fax: (972) 241-1666 / (972) 241-3990

Date 9/9/2005

Contact Rick Normandeau

Tel. 512-791-9550

Fax 512-912-9985

| Date Required | | Requistioner | | Shipped Via | F.O.B | Terms |
|---------------|-----|---------------|------|-------------------------|--------------|------------------|
| Job # | Qty | R. Normandeau | | Best Way | Unit Price | Total |
| | | Rec'd | U/ M | Description | | |
| 41-05-0015 | 2 | | | 10" Std 45 elbow | \$83.62 | \$167.24 |
| | 4 | | | 10" 150# RF WN flange | \$46.80 | \$187.20 |
| | 1 | | | 4" 150# RF WN flange | \$18.56 | \$18.56 |
| | 1 | | | 4" 150# RF blind flange | \$15.59 | \$15.59 |
| | 1 | | | 10" x 10" x 4" std tee | \$255.00 | \$255.00 |
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| | | | | | SubTotal | \$ 643.59 |
| | | | | | Shipping | - |
| | | | | | Total | \$ 643.59 |

R. Normandeau 9/9/2005
 Authorized by _____ Date _____

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Wednesday, January 18, 2006

Sale Price \$28,490.00
Total Costs \$25,549.59
Gross Margin % 10.32%
Gross Profit \$2,940.41

CCR-022--Oil Water Separator (OWS) Discharge Design

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
|----|------------------------------|--------|----------|---------------------------|--------|----------------|-------|---------------------|-----------------|
| 1 | 10" Standard 45 degree elbow | | American | \$93.62 | 2 | \$187.24 | 1.15 | \$182.33 | |
| 2 | 10" 150# RF V21 Flange | | American | \$46.00 | 4 | \$184.00 | 1.15 | \$215.28 | |
| 3 | 8" 150# RF V21 Flange | | American | \$18.56 | 3 | \$55.68 | 1.15 | \$21.34 | |
| 4 | 8" 150# RF Blind Flange | | American | \$15.59 | 1 | \$15.59 | 1.15 | \$17.93 | |
| 5 | 10" x 10" x 4" standard tee | | American | \$255.00 | 1 | \$255.00 | 1.15 | \$293.25 | |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| | | | | \$43.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total E.C.M. Costs | | \$43.59 | | Total E.C.M. | \$740.13 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|-----|--|------|-------------------------------|--------------------|--------------|-------------------|
| 101 | Communications, meetings, field verification, logistics, and support | 1093 | Project Manager | | | |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 | Engineer | \$110.00 | 30 | \$3,300.00 |
| 103 | | 1106 | Tech. Engineer | \$90.00 | 30 | \$2,700.00 |
| 104 | | 1105 | Superintendent | \$80.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$75.00 | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | \$65.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$60.00 | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$93.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$63.00 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$35.20 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$60.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$40.00 | 0 | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | \$30.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$25.00 | 0 | \$0.00 |
| 116 | | 4319 | Training | \$35.25 | 0 | \$0.00 |
| 117 | | 4320 | Training | \$60.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$35.00 | 0 | \$0.00 |
| | | | | \$20.00 | 0 | \$0.00 |
| | | | | Total Labor | 60 | \$6,000.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | |
|-----|--|--------------------|----------------|-------------|--------|-------------|
| 201 | | | Electrical | 1.15 | \$0.00 | |
| 202 | | | Mechanical | 1.15 | \$0.00 | |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 | |
| 204 | Foreman, Laborer, Helper, Electrician, Superintendent, Millwright for Support-Piping | ABLE | Civil | \$15,881.00 | 1.15 | \$18,263.15 |
| 205 | Field Verification | THE and Associates | Gen. Services | \$1,750.00 | 1.15 | \$2,012.50 |
| 206 | Foreman, Laborer, Helper, Millwright for Support-OWS Installation | ABLE | Support Groups | \$1,275.00 | 1.15 | \$1,468.25 |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 |

| | | | | |
|-----------|-----------------|-------------|--------------------------|-------------|
| Comments: | Total Subs Cost | \$18,906.00 | Total Subs | \$21,741.90 |
| | | | Total E.P.M. | \$740.13 |
| | | | Total Labor | \$6,000.00 |
| | | | Total Subs | \$21,741.90 |
| | | | Travel | \$0.00 |
| | | | Factory Training | \$0.00 |
| | | | Freight | \$0.00 |
| | | | Permits | \$0.00 |
| | | | Carrying Cost (days) | \$0.00 |
| | | | Bonding | \$0.00 |
| | | | TAX @ | 0.00% |
| | | | TOTAL | \$28,482.03 |
| | | | TOTAL + Retainage Comp @ | 0.00% |
| | | | Additional TOTAL MARK-UP | 0.00% |
| | | | SALES PRICE | \$28,482.03 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Construction Change Order

For requested change to Oil Water Separator (OWS) Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The Oil Water Separator purchased from Highland Tank was approved by the Engineer through the normal submittal, Engineer review, and approval process. After the tank was installed by the Contractor, to achieve the proper slope of the outfall line, the Engineer recommended a different OWS/storm water sewer tie-in point. This approach required "potholing" to locate the exact tie-in point and involved a complex method for connecting the outlet of the oil water separator and the storm water sewer. The Contractor recommended an alternate method to tie in the outlet of the oil water separator, at the original tie-in point, which also achieved the proper slope for the system flow. This approach was approved by the Town of Addison in an e-mail of 10-28-05. As a result of the approach recommended by the Engineer for the alternate tie-in method and location, it became necessary to: a) locate the alternative storm water outfall connection by "potholing"; b) participate in several meetings related to evaluating alternatives; c) confirm proper elevations and slopes by utilizing a third-party surveyor; d) purchase and install materials for the connection approved 10-28-05; and e) make repairs to the storm sewer and asphalt surface resulting from the "potholing".

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$28,490.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 4 days; at this point in the project, the Civil contractor was prepared to make progress on the tasks at the South end of the project site, near the OWS, and the Contractor's project team was diverted from other tasks to identify a more cost-effective tie-in approach.
 - i. Engineer recommend different tie-in point/connection method.
 - ii. "Pothole" at various locations to locate storm water connection point.
 - iii. Contractor provide alternate connection method; review Engineer and Contractor alternates.
 - iv. Agree on Contractor recommended OWS outlet modification, allowing original connection location.
 - v. Material procurement lead time.

- vi. Implement OWS/Storm Sewer connection agreed to 10-28-05.
 - vii. Proceed with completion of Civil work at south end of project site.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Oil Water Separator (OWS) Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Wednesday, January 18, 2006 8:40 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: CCR-022--Oil Water Separator

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-022; this change order was originally titled "Potholing Repairs". The original change order number for the Oil Water Separator was CCR009. The letter of October 28, 2005, Mark Acevedo and Tom Cobb to Rick Normandeau, indicated that change order number 009 was to be cancelled.

This change order incorporates materials costs (Ameripipe is the supplier), subcontractor costs (Able Concrete for the civil work, and Weir and Associates for the surveying), and engineering costs. Backups are provided for Ameripipe--the requisition that was sent to Ameripipe confirming our order of October 28, 2005. We met with Able Concrete this afternoon and requested timesheets for their invoice; they indicated that a separate invoice for this change order would be provided before the end of this week. We will forward the Able invoice over as a separate e-mail and PDF file.

With this purchase order number, we can request a copy of the Ameripipe invoice if that is necessary. Let us know if this is required, and who it should be faxed to, and we will request it.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change OrderFor requested change to Oil Water Separator (OWS) Discharge Design05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The Oil Water Separator purchased from Highland Tank was approved by the Engineer through the normal submittal, Engineer review, and approval process. After the tank was installed by the Contractor, to achieve the proper slope of the outfall line, the Engineer recommended a different OWS/storm water sewer tie-in point. This approach required "potholing" to locate the exact tie-in point and involved a complex method for connecting the outlet of the oil water separator and the storm water sewer. The Contractor recommended an alternate method to tie in the outlet of the oil water separator, at the original tie-in point, which also achieved the proper slope for the system flow. This approach was approved by the Town of Addison in an e-mail of 10-28-05. As a result of the approach recommended by the Engineer for the alternate tie-in method and location, it became necessary to: a) locate the alternative storm water outfall connection by "potholing"; b) participate in several meetings related to evaluating alternatives; c) confirm proper elevations and slopes by utilizing a third-party surveyor; d) purchase and install materials for the connection approved 10-28-05; and e) make repairs to the storm sewer and asphalt surface resulting from the "potholing".

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$28,490.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 4 days; at this point in the project, the Civil contractor was prepared to make progress on the tasks at the South end of the project site, near the OWS, and the Contractor's project team was diverted from other tasks to identify a more cost-effective tie-in approach.
 - i. Engineer recommend different tie-in point/connection method.
 - ii. "Pothole" at various locations to locate storm water connection point.
 - iii. Contractor provide alternate connection method; review Engineer and Contractor alternates.
 - iv. Agree on Contractor recommended OWS outlet modification, allowing original connection location.
 - v. Material procurement lead time.

- vi. Implement OWS/Storm Sewer connection agreed to 10-28-05.
 - vii. Proceed with completion of Civil work at south end of project site.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Oil Water Separator (OWS) Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

- CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Construction Change Order

For requested change to Oil Water Separator (OWS) Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The Oil Water Separator purchased from Highland Tank was approved by the Engineer through the normal submittal, Engineer review, and approval process. After the tank was installed by the Contractor, to achieve the proper slope of the outfall line, the Engineer recommended a different OWS/storm water sewer tie-in point. This approach required "potholing" to locate the exact tie-in point and involved a complex method for connecting the outlet of the oil water separator and the storm water sewer. The Contractor recommended an alternate method to tie in the outlet of the oil water separator, at the original tie-in point, which also achieved the proper slope for the system flow. This approach was approved by the Town of Addison in an e-mail of 10-28-05. As a result of the approach recommended by the Engineer for the alternate tie-in method and location, it became necessary to: a) locate the alternative storm water outfall connection by "potholing"; b) participate in several meetings related to evaluating alternatives; c) confirm proper elevations and slopes by utilizing a third-party surveyor; d) purchase and install materials for the connection approved 10-28-05; and e) make repairs to the storm sewer and asphalt surface resulting from the "potholing".

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 - v. Material procurement lead time.

- vi. Implement OWS/Storm Sewer connection agreed to 10-28-05.
 - vii. Proceed with completion of Civil work at south end of project site.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Oil Water Separator (OWS) Discharge Design

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
 Peter Kennefick
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Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Wednesday, January 18, 2006 8:40 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: CCR-022--Oil Water Separator

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-022; this change order was originally titled "Potholing Repairs". The original change order number for the Oil Water Separator was CCR009. The letter of October 28, 2005, Mark Acevedo and Tom Cobb to Rick Normandeau, indicated that change order number 009 was to be cancelled.

This change order incorporates materials costs (Ameripipe is the supplier), subcontractor costs (Able Concrete for the civil work, and Weir and Associates for the surveying), and engineering costs. Backups are provided for Ameripipe--the requisition that was sent to Ameripipe confirming our order of October 28, 2005. We met with Able Concrete this afternoon and requested timesheets for their invoice; they indicated that a separate invoice for this change order would be provided before the end of this week. We will forward the Able invoice over as a separate e-mail and PDF file.

With this purchase order number, we can request a copy of the Ameripipe invoice if that is necessary. Let us know if this is required, and who it should be faxed to, and we will request it.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thiensch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Wednesday, January 18, 2006

Sale Price \$28,490.00
Total Costs \$25,549.59
Gross Margin % 10.32%
Gross Profit \$2,940.41

CCR-022-Oil Water Separator (OWS) Discharge Design

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|------------------------------|--------|---------|-----------------|--------|---------------------|-------|-----------------|
| 1 | 10" Standard 45 degree Elbow | NA | America | \$91.62 | 2 | \$183.24 | 1.15 | \$192.33 |
| 2 | 10" 150# RF Flange | NA | America | \$18.20 | 4 | \$72.80 | 1.15 | \$215.28 |
| 3 | 4" 150# RF Flange | NA | America | \$18.56 | 1 | \$18.56 | 1.15 | \$21.34 |
| 4 | 4" 150# RF Blind Flange | NA | America | \$15.59 | 1 | \$15.59 | 1.15 | \$17.83 |
| 5 | 10" x 10" x 4" standard tee | NA | America | \$255.00 | 1 | \$255.00 | 1.15 | \$293.25 |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$643.59 | | Total E.C.M. | | \$740.13 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|----------------------|--|------|-------------------------------|--------------------|--------------|-------------------|
| 101 | Communications, meetings, field verification, logistics, and support | 1093 | Project Manager | \$110.00 | 30 | \$3,300.00 |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 | Engineer | \$90.00 | 30 | \$2,700.00 |
| 103 | | 1106 | Tech. Engineer | \$90.00 | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 |
| 106 | | 1139 | Draftsman | \$60.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$93.00 | 0 | \$0.00 |
| 108 | | 1078 | Pipefitter | \$83.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$53.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$90.00 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 |
| 116 | | 4318 | Training Engineer | \$60.00 | 0 | \$0.00 |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 |
| MANDAY IMPACT | | | #DIV/0! | Total Labor | 60 | \$8,000.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price |
|------------------------|---|---------------------|--------------------|-------------------|--------------------|
| 201 | | | Electrical | 1.15 | \$0.00 |
| 202 | | | Mechanical | \$0.00 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | \$0.00 |
| 204 | Foreman, Laborer, Helper, Bedtime, Supervise Man-Hours for Support-Painting | ABCE | Civil | \$15,881.00 | \$18,263.15 |
| 205 | Crack Verification | Weld and Associates | Gen. Services | \$1,750.00 | \$2,012.50 |
| 206 | Foreman, Laborer, Helper, Man-Hours for Support-OV&B Installation | ABCE | Support Groups | \$1,275.00 | \$1,468.25 |
| 207 | | | Riggers | \$0.00 | \$0.00 |
| 208 | | | Equipment | \$0.00 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | \$0.00 |
| Total Subs Cost | | | \$18,906.00 | Total Subs | \$21,741.90 |

Comments: -

| | |
|---------------------------------------|--------------------|
| Total E.P.M | \$740.13 |
| Total Labor | \$8,000.00 |
| Total Subs | \$21,741.90 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | \$0.00 |
| Bonding | \$0.00 |
| TAX @ 0.00% | \$0.00 |
| TOTAL | \$28,482.03 |
| TOTAL + Retainage Comp @ 0.00% | \$28,482.03 |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$28,482.03 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Construction Change Order

For requested change to Oil Water Separator (OWS) Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

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For requested change to Oil Water Separator (OWS) Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Wednesday, January 18, 2006 8:40 PM
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Subject: CCR-022--Oil Water Separator

Tom and Mark,

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Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Wednesday, January 18, 2006

Sale Price \$28,490.00
Total Costs \$25,549.59
Gross Margin % 10.32%
Gross Profit \$2,940.41

CCR-022-Oil Water Separator (OWS) Discharge Design

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|------------------------------|--------|----------|--------------------|----------|------------|--------------|----------|
| 1 | 30" Standard 45 Degree Elbow | NA | Americas | \$87.62 | 2 | \$175.24 | 1.15 | \$192.33 |
| 2 | 30" 150# RF Wt Flange | NA | Americas | \$187.20 | 2 | \$374.40 | 1.15 | \$415.28 |
| 3 | 4" 150# RF Wt Flange | NA | Americas | \$18.56 | 1 | \$18.56 | 1.15 | \$21.34 |
| 4 | 4" 150# RF Blind Flange | NA | Americas | \$15.59 | 1 | \$15.59 | 1.15 | \$17.93 |
| 5 | 30" x 10" x 4" Standard Tee | NA | Americas | \$255.00 | 1 | \$255.00 | 1.15 | \$293.25 |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M. Costs | \$643.59 | | Total E.C.M. | \$740.13 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | |
|-----|--|------|-------------------------------|-------------|--------------|------------|--------|
| 101 | Communications, meetings, field verification, logistics, and support | 1083 | Project Manager | \$110.00 | 39 | \$3,300.00 | |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 | Engineer | \$90.00 | 30 | \$2,700.00 | |
| 103 | | 1106 | Tech. Engineer | \$80.00 | 0 | \$0.00 | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | |
| 105 | | 1140 | Foreman | \$55.00 | 0 | \$0.00 | |
| 106 | | 1136 | Craftsman | \$60.00 | 0 | \$0.00 | |
| 107 | | 1111 | Welder-Pipe | \$83.00 | 0 | \$0.00 | |
| 108 | | 1076 | Pipefitter | \$53.00 | 0 | \$0.00 | |
| 109 | | 1052 | Mechanic | \$83.00 | 0 | \$0.00 | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | |
| 111 | | 1112 | Structural Welder | \$50.00 | 0 | \$0.00 | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | |
| 114 | | 1084 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | |
| 116 | | 4318 | Training | Engineer | \$60.00 | 0 | \$0.00 |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | | \$20.00 | 0 | \$0.00 |
| | | | | Total Labor | 60 | \$6,000.00 | |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price |
|-----|--|--------------------|----------------|-----------------|-------------|
| 201 | | | Electrical | 1.15 | \$0.00 |
| 202 | | | Mechanical | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 |
| 204 | Excessman Laborer, Helper, Backhoe Operator, Mechanics for Support, Piling | ABLU | Civil | 1.15 | \$16,263.15 |
| 205 | Excessman Laborer, Helper, Backhoe Operator, Mechanics for Support, Piling | W&P and Associates | Gen. Services | 1.15 | \$2,012.50 |
| 206 | Excessman Laborer, Helper, Mechanics for Support, OWS Installation | ABLU | Support Groups | 1.15 | \$1,466.25 |
| 207 | | | Riggers | 1.15 | \$0.00 |
| 208 | | | Equipment | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | 1.15 | \$0.00 |
| | | | | Total Subs Cost | \$18,908.00 |

Comments:

| | |
|--------------------------|-------------|
| Total E.P.M | \$740.13 |
| Total Labor | \$6,000.00 |
| Total Subs | \$21,741.90 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | \$0.00 |
| Bonding | \$0.00 |
| TAX @ | 0.00% |
| TOTAL | \$28,482.03 |
| TOTAL + Retainage Comp @ | 0.00% |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$28,482.03 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Construction Change Order

For requested change to Provide Support for 2" Vent Lines

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A Request For Information (RFI) number RT1008, dated 11-03-05 reads as follows: "The waste tank atmospheric vent piping was required to extend beyond canopy. The size and rigidity of the piping would indicate a need for some structural support. Recommend a cross member with pipe clamp attached to canopy structure via beam clamps. Please advise." The subject RFI was reviewed and approved by Tom Cobb of the Washington Group on 11-04-05; a copy of the RFI is attached.

The implementation of the additional structural support identified in RFI number RT1008 proceeded as follows:

- Select, purchase, and receive galvanized angle iron for supporting the 2" vent lines. Select, purchase, and receive "C-clamps" to hold the angle iron in place while special clamps are being received. The "C clamps" were utilized so that the vent line supports could be installed as quickly as possible—a) the need existed to support the vent lines, before any damage occurred to the canopy; b) there was a need to move forward with the lightning protection so that the task could be completed expeditiously; and c) clamps were utilized, in lieu of welding, because of the difficulty in welding at that height and because of the difficulty in protecting personnel and equipment from weld spatter.
- Install the angle iron in place with the "C Clamps"; allow work on the lightning protection to proceed to completion.
- Receive and install the special clamps—Lindapter clamps and associated hardware—which are specially designed for this type of application.
- Drill holes in angle iron for "U-bolts" to attach the vent lines to the angle iron.
- Receive and install the "U-bolts" to attach the vent lines to the angle iron.

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$13,700.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add 2" Waste Tank Vent Line Support

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, February 03, 2006 11:40 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: Addison Change Order 024--Support for 2" Vent Lines

Tom and Mark,

Attached is the formal change order document, with cost estimate, for the subject revision to the project scope.

Also attached are the following documents: a) Request for Information (RFI) number RT1008, dated 11-3-2005; b) time sheet for craft labor; c) Fastenal invoice for angle iron; d) Home Depot invoice for C Clamps; e) Fastenal purchase order for U bolts; f) Lindapter invoice for hardware for attaching the angle iron to the canopy support steel; and g) NationsRent invoice for Sky Lift.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

Date: Thursday, February 02, 2008

Sale Price **\$13,700.00**
 Total Costs **\$13,308.66**
 Gross Margin % **2.86%**
 Gross Profit **\$391.34**

ADDISON AIRPORT
 15701 Addison Road
 Addison, Texas 75001
 CCR-024 - 2" Vent Line Supports

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|---|--------|------------|-------------------|-------|--------------------|-------|-------------------|--|
| # | Description | Part # | Vendor | Cost Each | Quant | Total Cost | Mult. | Price | |
| 1 | 1/2" C Channel, 18" attach angle iron to canopy support steel | NA | Home Depot | \$79.80 | 10 | \$798.00 | 1.15 | \$917.54 | |
| 2 | 5/16" 18 x 25 Pipe Zinc plated regular U-bolt | NA | Federal | \$2.92 | 3 | \$8.76 | 1.15 | \$10.06 | |
| 3 | 5/16" 18 x 25 for U Bolt | NA | Federal | \$1.70 | 10 | \$17.00 | 1.15 | \$19.45 | |
| 4 | 1/2" x 2" x 3/8" galvanized angle iron | NA | Federal | \$5.87 | 100 | \$587.00 | 1.15 | \$675.05 | |
| 5 | Special Hardware to attach angle iron to canopy support steel | NA | Lincoln | \$888.88 | 1 | \$888.88 | 1.15 | \$1,022.30 | |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 8 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| Total E.C.M Costs | | | | \$1,567.16 | | Total E.C.M | | \$1,802.23 | |

| Thielsch Engineering LABOR SERVICES | | | | | | | | | |
|-------------------------------------|--|------|-------------------------------|------------|--------------------|------------|--------------------|--|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. | Hours | Price | | |
| 101 | | 1083 | Project Manager | \$0.00 | 0 | | \$0.00 | | |
| 102 | Identify supplier, select hardware, procure and receive, document change order details | 1021 | Engineer | \$90.00 | 24 | | \$2,160.00 | | |
| 103 | | 1108 | Tech. Engineer | \$0.00 | 0 | | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$0.00 | 0 | | \$0.00 | | |
| 105 | Robert Martinez | 1140 | Foreman | \$57.75 | 8 | | \$462.00 | | |
| 106 | | 1136 | Draftsman | \$0.00 | 0 | | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | | \$0.00 | | |
| 108 | | 1076 | Pipefitter | \$0.00 | 0 | | \$0.00 | | |
| 109 | Manhours per attached timesheet | 1052 | Craftsman | \$54.13 | 150 | | \$8,119.50 | | |
| 110 | | 1043 | Mechanical-helper | \$0.00 | 0 | | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$0.00 | 0 | | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | | \$0.00 | | |
| 114 | | 1064 | Laborer / Millwright | \$0.00 | 0 | | \$0.00 | | |
| 116 | | 1043 | Shop Weld Labor | \$0.00 | 0 | | \$0.00 | | |
| 116 | | 4319 | Training Engineer | \$0.00 | 0 | | \$0.00 | | |
| 117 | | 4320 | Training Tech | \$0.00 | 0 | | \$0.00 | | |
| 118 | | 1008 | Documentation Coord. | \$0.00 | 0 | | \$0.00 | | |
| MANDAY IMPACT | | | #DIV/0! | | Total Labor | 182 | \$10,741.50 | | |

| SUB CONTRACTOR SERVICES | | | | | | | | | | |
|-------------------------|-------------|------|----------------|-------------------|------------|-------------------|------------|-------------------|--|--|
| # | Description | Name | Type | | | Mult. | Price | | | |
| 201 | | | Electrical | | | 1.15 | \$0.00 | | | |
| 202 | | | Mechanical | | | 1.15 | \$0.00 | | | |
| 203 | | | SCADA/PLC | | | 1.15 | \$0.00 | | | |
| 204 | | | Civil | | | 1.15 | \$0.00 | | | |
| 205 | | | Gen. Services | | | 1.15 | \$0.00 | | | |
| 206 | | | Support Groups | | | 1.15 | \$0.00 | | | |
| 207 | | | Riggers | | | 1.15 | \$0.00 | | | |
| 208 | | | Equipment | | \$1,000.00 | 1.15 | \$1,150.00 | | | |
| 209 | | | Miscellaneous | | \$0.00 | 1.15 | \$0.00 | | | |
| Total Subs Cost | | | | \$1,000.00 | | Total Subs | | \$1,150.00 | | |

| | | | | | | | |
|-----------|--|--|--|--|--|---------------------------------------|--------------------|
| Comments: | | | | | | Total E.P.M | \$1,802.23 |
| | | | | | | Total Labor | \$10,741.50 |
| | | | | | | Total Subs | \$1,150.00 |
| | | | | | | Travel | \$0.00 |
| | | | | | | Factory Training | \$0.00 |
| | | | | | | Freight | \$0.00 |
| | | | | | | Permits | \$0.00 |
| | | | | | | Carrying Cost (days) | \$0.00 |
| | | | | | | Bonding | \$0.00 |
| | | | | | | TAX @ 0.00% | \$0.00 |
| | | | | | | TOTAL | \$13,693.73 |
| | | | | | | TOTAL + Retainage Comp @ 0.00% | \$13,693.73 |
| | | | | | | Additional TOTAL MARK-UP | 0.00% |
| | | | | | | SALES PRICE | \$13,693.73 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

RFI No.: RT1008
Job No.: 41050015
Date: 11/03/2005

Location: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: 2" WASTETANK VENT PIPING

TO: Washington Group International

Cc: _____
Cc: _____

ATTN: Tom Cobb

| RESPONSE CODE: | SUBMITTED FOR: | ACTION TAKEN: |
|--|--|---|
| <input checked="" type="checkbox"/> Critical | <input checked="" type="checkbox"/> Review and Comment | <input checked="" type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Important | <input type="checkbox"/> Informational | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Routine | | <input type="checkbox"/> Resubmit |

| DOCUMENT REFERENCE | REV. NO. | SHEETS REFERENCE | TITLE | SPEC. SECTION | AREA OF WORK |
|--------------------|----------|------------------|---|---------------|-------------------------|
| CONSTRUCTION DWG | 2 | Sheets 27 of 33 | P&ID FUEL TANKS & EQUIPMENT | 13000 | FUEL SYSTEM VENT PIPING |
| CONSTRUCTION DWG | 2 | Sheets 28 of 33 | TANK LAYOUT PLANS | 13000 | FUEL SYSTEM VENT PIPING |
| CONSTRUCTION DWG | 2 | Sheets 33 of 33 | BULK FUEL STORAGE AND DISPENSING SYSTEM SECTION "Y-Y" AND CANOPY DETAIL ALTERNATE BID | 13000 | FUEL SYSTEM VENT PIPING |

DESCRIBE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT):
 THE WASTE TANK ATMOSPHERIC VENT PIPING WAS REQUIRED TO EXTEND BEYOND CANOPY. THE SIZE AND RIGIDITY OF THE PIPING WOULD INDICATE A NEED FOR SOME STRUCTURAL SUPPORT. RECOMMEND A CROSS MEMBER WITH PIPE CLAMP ATTACHED TO CANOPY STRUCTURE VIA BEAM CLAMPS.
 PLEASE, ADVISE.

RESPONSE REQUIRED BY: ASAP

NAME:

SIGNATURE:

Check out: Response DOES NOT cause a change in Contract Price and/ or Contract Time.
 Response DOES cause a Potential change in Contract Price and/ or Contract Time.

DESCRIBE RESPONSE BEING REQUESTED (PLEASE BE EXPLICIT):

- EFFECTS OF THIS RFI:**
- _____ NO COST CHANGE
 - _____ REVISIONS TO DRAWINGS
 - _____ REVISIONS TO SPECS
 - _____ POTENTIAL COST CHANGE

RECORD COPY

NAME: Tom Cobb
(PLEASE PRINT)

FIRM: WGL

SIGNATURE: [Signature]

DATE: 11/4/05

[Signature]
TONY NICKENBENDER
DEBRA WILDE

Addison Fuel Farm
Change Order #024

Time Sheet

| <u>Period</u> | <u>Name</u> | <u>Hours</u> |
|----------------------|-----------------|--------------|
| Week ending 11-20-05 | Rafael Ramirez | 30 |
| | Michael Ballard | 30 |
| | Rusty Hughes | 30 |
| Week ending 12-18-05 | Rusty Hughes | 20 |
| | Ray Ortega | 20 |
| | Hector Saenz | 20 |
| TOTALS | | 150 hours |

Timesheet submitted and approved by Robert Martinez, foreman

FASTENAL

INDUSTRIAL & CONSTRUCTION SUPPLIES

4014613020 IU 19722331244 P.12/18

INVOICE

Cust. No.
TXCAR1923

Cust. P.O.
119173

119423

Job No.
41-05-015

Remit to
Fastenal Company
P.O. Box 978
Winona, MN 55937-0978

Date
11/11/2005

Page 1
Invoice No.
TXCAR95049

For billing questions
1432 MacArthur Drive
CARROLLTON, TX 75007
United States
Phone (972)466-0593

Due Date
12/15/2005

Invoice Total
587.14 USD

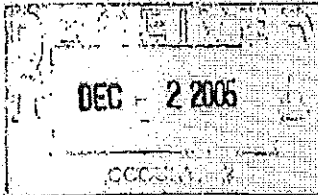
Sold To
THIELSCH ENGINEERING, INC.
193 FRANCES AVE.
CRANSTON, RI 02910-2211

Ship To
THIELSCH ENGINEERING, INC.
ADDISON AIRPORT FUEL FARM
15701 ADDISON ROAD



Please detach and send top portion of invoice with requisition to above address

| Line No | Quantity Ordered | Quantity Shipped | Quantity Backorder | Description | Control No. | Part No. | Price / C | Amount |
|---------|------------------|------------------|--------------------|-------------------|-------------|----------|-----------|--------|
| 1 | 1.200 | 1.200 | 0 | AS4 ANG 3 x 1/4 G | CATX16333 | 0960011 | 47.3420 | 570.64 |



VENDOR # _____
 APPROVED Richard
 DATE 12/15/05
 ACCT # 41-05-015
 ENTERED _____
 LAB # _____
 TAX _____

RN 12/15

R 12/15

| | | | |
|-------------|---------------|---------------------|---------------|
| Received By | Tax Exemption | Subtotal | 570.64 |
| Comments | | Shipping & Handling | 16.50 |
| | | TX State Tax | 0.00 |
| | | County Tax | 0.00 |
| | | City Tax | 0.00 |
| | | Total | 587.14 |

Reasonable collection and attorneys fees will be assessed to all accounts placed for collection.

No materials accepted for return without our permission. All discrepancies must be reported within 10 days.

Fastenal Company
P.O. Box 978
Winona, MN 55937-0978

Invoice/Dt: TXCAR95049 11/11/2005
Cust: TXCAR1923
P O No: 119373
Job No: 41-05-015

Please pay from this invoice. No statement will be sent.

Printed in USA

THE HOME DEPOT 055
6200 #1 BLVD.
W PLANO, TX 75093 (972) 735-9333

0551 00003 51015 11/11/
SALE, 61 KRB508 10,56



044295264037 4" CCLAMP
.10 @ 7.96 79.60
094138050501 80# MAXIMIZER
39 @ 4.98 194.22
SUBTOTAL 273.82
SALES TAX 22.59
TOTAL \$296.41
XXXXXXXXXXXX0191 HOME DEPOT 296.41
AUTH CODE 011960/1097055 TA
P.O.#/JOB NAME 119476

THIELSCH ENGINEERING
REQUIRED PO

2/11/22



NOW HIRING SPECIALTY SALES ASSOCIATES.
APPLY TODAY IN-STORE OR ON-LINE AT:
CAREERS.HOMEDEPOT.COM/SPECIALISTS

ENTER FOR A CHANCE
TO WIN A \$5,000
HOME DEPOT GIFT
CARD!

Your Opinion Counts! We would like to
hear about your shopping experience.
Enter to win a \$5,000 Home Depot Gift
Card by completing a brief survey about
your store visit at:

www.HomeDepotOpinion.com

You will need the following to enter
on-line:

User ID:
102870 102322

Password:
5561 102319

Entries must be entered by 12/11/2005.
Entrants must be 18 or older to enter.
See complete rules on website. No
purchase necessary.



Fastenal Company
P.O. Box 978
Winona, MN 55987-0978

Packing Slip

Date 11/16/2005 Reference No. TXCAR95136 Page 1
DUE DATE: 12/15/2005

Cust. No. TXCAR1923 Cust. P.O. 119431 Job No. 41-05-015

The store serving you is
1432 MacArthur Drive
Cedarilton, TX 75007
(972) 466-0593

THIELSCH ENGINEERING, INC.
195 Frances Ave.
Cranston, RI 02910-2211
401-467-6454

THIELSCH ENGINEERING, INC.
Addison Airport Fuel Farm
15701 Addison Road
Addison, TX 75001
214-662-2608

| Line No. | Quantity Ordered | Quantity Shipped | Quantity Backorder | Description | Unit | Price | Amount |
|----------|------------------|------------------|--------------------|--|------------------------|---------------|------------------|
| 1 | 28 | 28 | 0 | 3000 FS TH CPLG | anvili | 0467277 | 271.1500 75.92 G |
| 2 | 100 | 100 | 0 | Threaded 3000# Steel Coupling Pipe | 0 RS U-BLT 5/16X1 PIPE | 047782 42018 | 61.4295 61.43 G |
| 3 | 30 | 30 | 0 | 5/16-18 x 1" Pipe Zinc Plated Reg Len U-Bolt | use w/Plate #2 | 058643 2034 | 91.8000 27.54 G |
| 4 | 300 | 300 | 0 | 5/16-18 x 2" Pipe Zinc Plated Reg Len U-Bolt | use w/Plate #4 | 047310 136104 | 3.4425 10.33 G |
| | | | 0 | 2X1 FS Hex Bush | anvili | 0467107 | 532.9500 74.61 G |
| | | | 0 | 2X1 Forged Steel 3000# Hex Bushing Pipe | | | |

R 11/29

Received By *Carly Strubbe*

Comments
Contact: JB Butler hr

| | |
|---------------------|---------------|
| Tax Exemption | |
| Subtotal | 249.83 |
| Shipping & Handling | 7.47 |
| State Tax | 0.00 |
| County Tax | 0.00 |
| City Tax | 0.00 |
| TOTAL USD | 257.30 |

If you repackage or resell this product, you are responsible for this product.
Reasonable collection and attorneys fees will be assessed to all accounts placed for collection.

* indicates part was sold at a promotional or special discount price

Thank You!

No materials accepted for return without our permission.
All discrepancies must be reported within 10 days.

Lindapter North America, Inc.

3924A Varsity Drive
Ann Arbor, MI 48108
Tel: (888) 724-2323
www.LindapterNA.com

Invoice

| DATE | INVOICE # |
|------------|-----------|
| 11/23/2005 | 17067 |

BILL TO:

Thielsch Engineering
2111 Dickson Drive
Suite 10
Austin, TX 78704

SHIP TO:

Thielsch Engineering
c/o Addison Airport
15701 Addison Road
Addison, TX 75001

| P.O. NUMBER | TERMS | REP | SHIP | VIA | F.O.B. | PROJECT |
|-------------|--------|-----|------------|-----|---------------|---------|
| 41-05-0015 | Net 30 | C | 11/23/2005 | CCX | Ann Arbor, MI | |

| QUANTITY | ITEM CODE | DESCRIPTION | PRICE EACH | AMOUNT |
|----------|--------------|---------------------------------------|------------|--------|
| 10 | ASSEM | LGC051120 Girder Clamp consisting of: | 74.20 | 742.00 |
| 40 | LLR050 EG | 1/2' TYPE LR SADDLE & CLIP EG | 0.00 | 0.00 |
| 10 | LA050L EG | 1/2' -A-LONG TAIL EG | 0.00 | 0.00 |
| 10 | LP1050S EG | 1/2' P1 SHORT PACK EG | 0.00 | 0.00 |
| 10 | LC2050 EG | 1/2' TYPE C2 EG | 0.00 | 0.00 |
| 40 | HHCS05030... | 1/2' X 3' GR5 HEX HEAD CAP SCRES | 0.00 | 0.00 |
| 10 | HHCS05025... | 1/2' X 2-1/2' GR5 HEX HEAD CAP SCREW | 0.00 | 0.00 |
| 10 | HHCS05055... | 1/2" x 5-1/2" GR. 5 BOLT | 0.00 | 0.00 |
| 60 | HFLW050 | 1/2' FLAT WASHER | 0.00 | 0.00 |
| 60 | HLKW050 ... | 1/2' LOCK WASHER | 0.00 | 0.00 |
| 60 | HHXN050 EG | 1/2' HEX NUT | 0.00 | 0.00 |
| 10 | LOCATOR... | LOCATOR PLATE | 0.00 | 0.00 |

SHIPPING/... 146.96 146.96

Thank you for your business

TOTAL \$888.96

NATIONSRENT #104-PLANO
 2801 ARCHERWOOD
 PLANO, TX 75074
 Phone 972-881-1330
 Fax 972-881-1476
 MON-SAT 7AM-5PM

Invoice # 820663-0001
 Invoice Date 8/22/05

Entered By
 Closed By CYCLE BILL
 Salesman 36409 ECHEVARRIA, JOE R

4 WEEK BILL

Remit To: NationsRent, P.O. BOX 846163 DALLAS, TX 75284-6163

| | | | | | | | |
|-----------------|--|----------|--------------|------------|---------|-------------|---------|
| Customer Number | 3036674 | P.O. # | 117481 | Job # | J.B. | Date Out | 8/03/05 |
| Customer Name | THIELSCH ENGINEERING INC ATTENTION MELISSA ROMANO 195 FRANCES AVENUE CRANSTON, RI 02910 | Office # | 972-233-1222 | Time Out | 8:00 AM | Billed Thru | 8/31/05 |
| | | Job # | 512-320-8845 | Ordered By | JB, | | |
| Job Address | ADDISON AIRPORT 15700 ADDISON RD D4-Y ADDISON, TX 75001 | | | | | | |

| Qty | Equipment # | Min | Day | Rental Rates (Per Each Item) | | | Amount |
|-----------------------|---|---------------|--------|------------------------------|---------|---------|--------|
| | | | | Week | 4 Week | | |
| 1 | FORKLIFT 42' EXTENDABOOM 8000 278570 Make: SKYTRAK Model: 8042 Ser #: 0160006328 | 350.00 | 350.00 | 976.00 | 2400.00 | 2232.00 | |
| HR OUT: 464.00 HR IN: | | TOTAL: 464.00 | | Salesman rates | | | |

SALES ITEMS:

| Qty | Item number | Unit | Price | |
|-----|----------------------|------|--------|-------|
| 1 | ENVIRONMENTAL CHARGE | EA | 15.000 | 15.00 |

DELIVERY CHARGE 60.00
 PICKUP CHARGE 60.00
 Ob j.b. 214-662-2608
 db wayne

VENDOR # 003961

APPROVED _____

DATE _____

Sub-total: 2367.00
 Damage waiver: 323.64
 Tax: 221.99
 Total: 2912.63

BILLED FOR FOUR WEEKS ACCT # 8/03/05 THRU 8/31/05 08:00 AM

ENTERED _____

LAB # _____

TAX _____

MA TO RICH 11/16

MARIE
 THIELSCH ENGINEERING INC

Kimberly Stewart
 401-461-3020

*INUS

By customer demand, NationsRent delivers this equipment to customer's agent at the customer's designated site, and makes available the opportunity for immediate operator familiarization/training. Customer is deemed to accept the Company's Offer for operator familiarization/training and to avoid all opportunities where untrained persons may cause this equipment to be used or operated. The customer's signature on this Rental Contract indicates their understanding of and acceptance of responsibility for operator training requirements as required by applicable local, state and federal regulations.

REMIT TO:
 NationsRent
 P.O. BOX 846163
 DALLAS, TX 75284-6163

Delivered By _____ Date _____

Due Upon Receipt
 The Total Amount set forth above is estimated based on the Due Date and single shift usage.

NationsRent agrees to waive certain damages to the Customer that are provided for on the reverse side of this Contract, in consideration of the customer paying the Damage Waiver fee on the face of this Contract.

Damage Waiver Declined **DAMAGE WAIVER CAN ONLY BE DECLINED IF A CERTIFICATE OF INSURANCE IS ON FILE!**

I HAVE READ AND AGREE TO ALL OF THE TERMS AND CONDITIONS ON THE FRONT AND REVERSE SIDE OF THIS CONTRACT. I ACKNOWLEDGE RECEIPT OF THE EQUIPMENT DELIVERED IN GOOD ORDER AND A COPY OF THIS CONTRACT. IF OTHER THAN CUSTOMER, SIGNER REPRESENTS THAT THEY ARE THE AGENT OF, AND AUTHORIZED TO SIGN FOR CUSTOMER THIS CONTRACT REPRESENTS THE ENTIRE AGREEMENT BETWEEN YOU AND US, AND THERE ARE NO ORAL OR OTHER REPRESENTATIONS OR AGREEMENTS NOT INCLUDED HEREIN. NONE OF THE TERMS OR CONDITIONS OF THIS CONTRACT MAY BE AMENDED OR MODIFIED, EXCEPT IN WRITING SIGNED BY COMPANY AND CUSTOMER, AND MADE A PART OF THIS CONTRACT. CUSTOMERS WILL BE CHARGED FOR ALL TIRE REPAIR OR REPLACEMENT AND FOR RETURNING EQUIPMENT WITH LESS THAN A FULL TANK OF FUEL. CUSTOMER HEREBY AUTHORIZES COMPANY TO SEND ADVERTISEMENTS AND SOLICITATIONS TO CUSTOMER BY FACSIMILE TRANSMISSION OR OTHERWISE. RENTAL RATES BASED ON 8 WORKING HOURS PER DAY, 40 HOURS PER WEEK, 100 HOURS PER FOUR WEEK PERIOD. OVERTIME CHARGED ON OVERTAGES.

Customer Signature _____ Date _____

Page: 1

Construction Change Order

For requested change to Provide Support for 2" Vent Lines

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A Request For Information (RFI) number RT1008, dated 11-03-05 reads as follows: "The waste tank atmospheric vent piping was required to extend beyond canopy. The size and rigidity of the piping would indicate a need for some structural support. Recommend a cross member with pipe clamp attached to canopy structure via beam clamps. Please advise." The subject RFI was reviewed and approved by Tom Cobb of the Washington Group on 11-04-05; a copy of the RFI is attached.

The implementation of the additional structural support identified in RFI number RT1008 proceeded as follows:

- Select, purchase, and receive galvanized angle iron for supporting the 2" vent lines. Select, purchase, and receive "C-clamps" to hold the angle iron in place while special clamps are being received. The "C clamps" were utilized so that the vent line supports could be installed as quickly as possible—a) the need existed to support the vent lines, before any damage occurred to the canopy; b) there was a need to move forward with the lightning protection so that the task could be completed expeditiously; and c) clamps were utilized, in lieu of welding, because of the difficulty in welding at that height and because of the difficulty in protecting personnel and equipment from weld spatter.
- Install the angle iron in place with the "C Clamps"; allow work on the lightning protection to proceed to completion.
- Receive and install the special clamps—Lindapter clamps and associated hardware—which are specially designed for this type of application.
- Drill holes in angle iron for "U-bolts" to attach the vent lines to the angle iron.
- Receive and install the "U-bolts" to attach the vent lines to the angle iron.

- 2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$13,700.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add 2" Waste Tank Vent Line Support

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Friday, February 03, 2006 11:40 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: Addison Change Order 024--Support for 2" Vent Lines

Tom and Mark,

Attached is the formal change order document, with cost estimate, for the subject revision to the project scope.

Also attached are the following documents: a) Request for Information (RFI) number RT1008, dated 11-3-2005; b) time sheet for craft labor; c) Fastenal invoice for angle iron; d) Home Depot invoice for C Clamps; e) Fastenal purchase order for U bolts; f) Lindapter invoice for hardware for attaching the angle iron to the canopy support steel; and g) NationsRent invoice for Sky Lift.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001
CCR-024 - 2" Vent Line Supports

Date: Thursday, February 02, 2006

Sale Price \$13,700.00
Total Costs \$13,308.68
Gross Margin % 2.86%
Gross Profit \$391.34

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|--|--------|------------|-------------------|--------|---------------------|-------|-------------------|
| 1 | 1/4" C Clamp, 1/2" attach angle nuts to canopy support steel | NA | Hone Metal | \$7.95 | 10 | \$79.50 | 1.15 | \$91.54 |
| 2 | 2" x 1/2" x 2" Pipe flange plated regular U-bolt | NA | Farmland | \$4.80 | 8 | \$4.80 | 1.15 | \$5.29 |
| 3 | 3/4" x 1/2" nut for U Bolt | NA | Farmland | \$2.70 | 10 | \$7.00 | 1.15 | \$8.05 |
| 4 | 3" x 3" x 3/8" galvanized angle iron | NA | Farmland | \$5.87 | 100 | \$587.00 | 1.15 | \$675.05 |
| 5 | Struct Hardware 1/2" attach angle nuts to canopy support steel | NA | Lindeker | \$988.68 | 1 | \$988.68 | 1.15 | \$1,022.30 |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$1,567.16 | | Total E.C.M. | | \$1,802.23 |

Thielsch Engineering LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. | Hours | Price | |
|----------------------|--|------|-------------------------------|----------------|--------|--------------------|------------|--------------------|
| 101 | | 1083 | Project Manager | \$0.00 | 0 | 0 | \$0.00 | |
| 102 | Identify supplier, select hardware, procure and receive, document change | 1021 | Engineer | \$90.00 | 24 | 24 | \$2,160.00 | |
| 103 | Order details | 1108 | Tech. Engineer | \$0.00 | 0 | 0 | \$0.00 | |
| 104 | | 1105 | Superintendent | \$0.00 | 0 | 0 | \$0.00 | |
| 105 | Robert Martinez | 1140 | Foreman | \$57.75 | 8 | 8 | \$462.00 | |
| 106 | | 1136 | Draftsman | \$0.00 | 0 | 0 | \$0.00 | |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | 0 | \$0.00 | |
| 108 | | 1076 | Pipefitter | \$0.00 | 0 | 0 | \$0.00 | |
| 109 | Manhours per attached timesheet | 1052 | Craftsman | \$54.13 | 150 | 150 | \$8,119.50 | |
| 110 | | 1043 | Mechanical-helper | \$0.00 | 0 | 0 | \$0.00 | |
| 111 | | 1112 | Structural Welder | \$0.00 | 0 | 0 | \$0.00 | |
| 112 | | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | 0 | \$0.00 | |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | 0 | \$0.00 | |
| 114 | | 1084 | Laborer / Millwright | \$0.00 | 0 | 0 | \$0.00 | |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | 0 | \$0.00 | |
| 116 | | 4319 | Training | Engineer | \$0.00 | 0 | \$0.00 | |
| 117 | | 4320 | Training | Tech | \$0.00 | 0 | \$0.00 | |
| 118 | | 1008 | Documentation Coord. | | \$0.00 | 0 | \$0.00 | |
| MANDAY IMPACT | | | | #DIV/0! | | Total Labor | 182 | \$10,741.50 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price |
|------------------------|-------------|------|----------------|-------|-------------------|
| 201 | | | Electrical | 1.15 | \$0.00 |
| 202 | | | Mechanical | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 |
| 204 | | | Civil | 1.15 | \$0.00 |
| 205 | | | Gen. Services | 1.15 | \$0.00 |
| 206 | | | Support Groups | 1.15 | \$0.00 |
| 207 | | | Riggers | 1.15 | \$0.00 |
| 208 | | | Equipment | 1.15 | \$1,150.00 |
| 209 | | | Miscellaneous | 1.15 | \$0.00 |
| Total Subs Cost | | | | | \$1,150.00 |

Comments:

| | | |
|---------------------------------|-------|--------------------|
| Total E.P.M | | \$1,802.23 |
| Total Labor | | \$10,741.50 |
| Total Subs | | \$1,150.00 |
| Travel | | \$0.00 |
| Factory Training | | \$0.00 |
| Freight | | \$0.00 |
| Permits | | \$0.00 |
| Carrying Cost (days) | 0 | \$0.00 |
| Bonding | | \$0.00 |
| TAX @ | 0.00% | \$0.00 |
| TOTAL | | \$13,693.73 |
| TOTAL + Retainage Comp @ | 0.00% | \$13,693.73 |
| Additional TOTAL MARK-UP | | 0.00% |
| SALES PRICE | | \$13,693.73 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

RFI No.: RT1008
Job No.: 41050015
Date: 11/03/2005

Location: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: 2" WASTETANK VENT PIPING

TO: Washington Group International
ATTN: Tom Cobb

Cc: _____
Cc: _____

| RESPONSE CODE: | SUBMITTED FOR: | ACTION TAKEN: |
|--|--|---|
| <input checked="" type="checkbox"/> Critical | <input checked="" type="checkbox"/> Review and Comment | <input checked="" type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Important | <input type="checkbox"/> Informational | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Routine | | <input type="checkbox"/> Resubmit |

| DOCUMENT REFERENCE | REV. NO. | SHEETS REFERENCE | TITLE | SPEC. SECTION | AREA OF WORK |
|--------------------|----------|------------------|---|---------------|-------------------------|
| CONSTRUCTION DWG | 2 | Sheets 27 of 33 | P&ID FUEL TANKS & EQUIPMENT | 13000 | FUEL SYSTEM VENT PIPING |
| CONSTRUCTION DWG | 2 | Sheets 28 of 33 | TANK LAYOUT PLANS | 13000 | FUEL SYSTEM VENT PIPING |
| CONSTRUCTION DWG | 2 | Sheets 33 of 33 | BULK FUEL STORAGE AND DISPENSING SYSTEM SECTION "Y-Y" AND CANOPY DETAIL ALTERNATE BID | 13000 | FUEL SYSTEM VENT PIPING |

DESCRIBE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT):
 THE WASTE TANK ATMOSPHERIC VENT PIPING WAS REQUIRED TO EXTEND BEYOND CANOPY. THE SIZE AND RIGIDITY OF THE PIPING WOULD INDICATE A NEED FOR SOME STRUCTURAL SUPPORT. RECOMMEND A CROSS MEMBER WITH PIPE CLAMP ATTACHED TO CANOPY STRUCTURE VIA BEAM CLAMPS.
 PLEASE, ADVISE.

RESPONSE REQUIRED BY: ASAP

NAME:

SIGNATURE:

Check one: Response DOES NOT cause a change in Contract Price and/ or Contract Time.
 Response DOES cause a Potential change in Contract Price and/ or Contract Time.

DESCRIBE RESPONSE BEING REQUESTED (PLEASE BE EXPLICIT):

- EFFECTS OF THIS RFI:**
- _____ NO COST CHANGE
 - _____ REVISIONS TO DRAWINGS
 - _____ REVISIONS TO SPECS
 - _____ POTENTIAL COST CHANGE

RECORD COPY

NAME: Tom Cobb
 (PLEASE PRINT)
FIRM: Waste
SIGNATURE: [Signature]
DATE: 11/4/05

[Signature]
Rick Normandea
Waste

Addison Fuel Farm
Change Order #024

Time Sheet

| <u>Period</u> | <u>Name</u> | <u>Hours</u> |
|----------------------|-----------------|--------------|
| Week ending 11-20-05 | Rafael Ramirez | 30 |
| | Michael Ballard | 30 |
| | Rusty Hughes | 30 |
| Week ending 12-18-05 | Rusty Hughes | 20 |
| | Ray Ortega | 20 |
| | Hector Saenz | 20 |
| TOTALS | | 150 hours |

Timesheet submitted and approved by Robert Martinez, foreman



INDUSTRIAL & CONSTRUCTION SUPPLIES

INVOICE

Cust. No. TXCAR1923

Cust. P.O. 119173

119423

Job No. 41-03-015

Remit to Fastenal Company P.O. Box 978 Winona, MN 55937-0978

Page 1 Date 11/11/2005 Invoice No. TXCAR95049

For billing questions 1432 MacArthur Drive CARROLLTON, TX 75007 United States Phone (972)466-0593

Due Date 12/15/2005 Invoice Total 387.14 USD

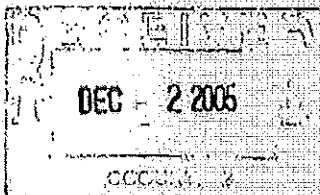
Sold To THIELSCH ENGINEERING, INC. 193 FRANCES AVE CRANSTON, RI 02910-2211

Ship To THIELSCH ENGINEERING, INC. ADDISON AIRPORT FUEL FARM 15701 ADDISON ROAD



Please detach and send my portion of invoice with remittance to above address

| Line No | Quantity Ordered | Quantity Shipped | Quantity Backorder | Description | Control No. | Part No. | Price / C | Amount |
|---------|------------------|------------------|--------------------|-------------------|-------------|----------|-----------|---------|
| 1 | 1.500 | 1.500 | 0 | A58 ANG 3 x 1/4 G | CATX16333 | 0956002 | 47.850 | \$70.64 |



VENDOR # _____

APPROVED *Rhoads*

DATE *12/5/05*

ACCT # *41-05-0315*

ENTERED _____

LAB # _____

TAX _____

RA 12/5

RH 12/5

| | | | |
|-------------|---------------|---------------------|---------------|
| Received By | Tax Exemption | Subtotal | 570.64 |
| Comments | | Shipping & Handling | 16.50 |
| | | TX State Tax | 0.00 |
| | | County Tax | 0.00 |
| | | City Tax | 0.00 |
| | | Total | 587.14 |

Reasonable collection and attorneys fees will be assessed to all accounts placed for collection.

No materials accepted for return without our permission. All discrepancies must be reported within 10 days.

Fastenal Company P.O. Box 978 Winona, MN 55937-0978

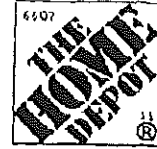
Invoice/Dt: TXCAR95049 11/11/2005 Cust: TXCAR1923 P O No: 119373 Job No: 41-05-015

Please pay from this invoice. No statement will be sent.

Printed in USA

THE HOME DEPOT 055
6200 W. K BLVD.
W PLANO, TX 75093 (972)735-9333

0551 00003 51015 11/11/
61 KRB508 10,56
SALE,



044295264037 4" CCLAMP
.10 @ 7.96 79.60
094138050501 80#MAXIMIZER
39 @ 4.98 194.22

SUBTOTAL 273.82
SALES TAX 22.59
TOTAL \$296.41
XXXXXXXXXXXX0191 HOME DEPOT 296.41
AUTH CODE 011960/1037055 TA
P.O.#/JOB NAME 119476

THIELSCH ENGINEERING
REQUIRED PO



NOW HIRING SPECIALTY SALES ASSOCIATES.
APPLY TODAY IN-STORE OR ON-LINE AT:
CAREERS.HOMEDEPOT.COM/SPECIALISTS

ENTER FOR A CHANCE
TO WIN A \$5,000
HOME DEPOT GIFT
CARD!

Your Opinion Counts! We would like to
hear about your shopping experience.
Enter to win a \$5,000 Home Depot Gift
Card by completing a brief survey about
your store visit at:

www.HomeDepotOpinion.com

You will need the following to enter
on-line:

User ID:
102870 102322

Password:
5561 102319

Entries must be entered by 12/11/2005.
Entrants must be 18 or older to enter.
See complete rules on website. No
purchase necessary.



Fastenal Company
P.O. Box 978
Winona, MN 55987-0978

Packing Slip

Date Reference Page
11/16/2005 TXCAR95136 1
DUE DATE: 12/15/2005

Cust. No. Cust. P.O. Job No.
TXCAR1923 119431 41-05-015

The store serving you is
1432 MacArthur Drive
Carrsilton, TX 75007
(972) 466-0593

THIELSCH ENGINEERING, INC.
195 Frances Ave.
Cranston, RI 02910-2211
401-467-6454

THIELSCH ENGINEERING, INC.
Addison Airport Fuel Farm
15701 Addison Road
Addison, TX 75001
214-662-2608

| Line No. | Quantity Ordered | Quantity Shipped | Quantity Backorder | Description | Control No. | Price | Ext. Price | Unit |
|----------|------------------|------------------|--------------------|--|---------------------------------|----------|------------|------|
| 1 | 28 | 28 | 0 | 3000 FS TH CPLG | anvili 0467277 | 271.1500 | 75.92 | G |
| 2 | 100 | 100 | 0 | Threaded Steel Coupling Pipe | 0 RG U-BLT 5/16X1 PIPE ph047782 | 61.4295 | 61.43 | G |
| 3 | 30 | 30 | 0 | 5/16-18 x 1" Pipe Zinc Plated Reg Len U-Bolt use w/Plate | ph058643 12034 | 91.8000 | 27.54 | G |
| 4 | 300 | 300 | 0 | 5/16-18 x 2" Pipe Zinc Plated Reg Len U-Bolt use w/Plate | ph047310 136104 | 3.4425 | 10.33 | G |
| | | | 0 | 2KI FS Hex Bush | anvili 0467107 | 532.9500 | 74.61 | G |
| | | | 0 | 3000 1/2 Hex Bushing Pipe | | | | |

Received By: *[Signature]*

| | |
|---------------------|--------|
| Tax Exemption | |
| Subtotal | 249.83 |
| Shipping & Handling | 7.47 |
| State Tax | 0.00 |
| County Tax | 0.00 |
| City Tax | 0.00 |
| TOTAL USD | 257.30 |

Comments
Contact: JB Butler hr

If you repack or resell this product to maintain integrity of country of origin you are required to maintain integrity of country of origin of this product. Reasonable collection and attorneys fees will be assessed to all accounts placed for collection.

* indicates part was sold at a promotional or special discount price

Thank You!

No materials accepted for return without our permission. All discrepancies must be reported within 10 days.

Lindapter North America, Inc.

3924A Varsity Drive
Ann Arbor, MI 48108
Tel: (888) 724-2323
www.LindapterNA.com

Invoice

| DATE | INVOICE # |
|------------|-----------|
| 11/23/2005 | 17067 |

BILL TO:

Thielsch Engineering
2111 Dickson Drive
Suite 10
Austin, TX 78704

SHIP TO:

Thielsch Engineering
c/o Addison Airport
15701 Addison Road
Addison, TX 75001

| P.O. NUMBER | TERMS | REP | SHIP | VIA | F.O.B. | PROJECT |
|-------------|--------|-----|------------|-----|---------------|---------|
| 41-05-0015 | Net 30 | C | 11/23/2005 | CCX | Ann Arbor, MI | |

| QUANTITY | ITEM CODE | DESCRIPTION | PRICE EACH | AMOUNT |
|----------|--------------|---------------------------------------|------------|--------|
| 10 | ASSEM | LGC051120 Girder Clamp consisting of: | 74.20 | 742.00 |
| 40 | LLR050 EG | 1/2' TYPE LR SADDLE & CLIP EG | 0.00 | 0.00 |
| 10 | LA050L EG | 1/2' A-LONG TAIL EG | 0.00 | 0.00 |
| 10 | LP1050S EG | 1/2' P1 SHORT PACK EG | 0.00 | 0.00 |
| 10 | LC2050 EG | 1/2' TYPE C2 EG | 0.00 | 0.00 |
| 40 | HHCS05030... | 1/2' X 3' GR5 HEX HEAD CAP SCRES | 0.00 | 0.00 |
| 10 | HHCS05025... | 1/2' X 2-1/2' GR5 HEX HEAD CAP SCREW | 0.00 | 0.00 |
| 10 | HHCS05055... | 1/2" x 5-1/2" GR. 5 BOLT | 0.00 | 0.00 |
| 60 | HFLW050 | 1/2' FLAT WASHER | 0.00 | 0.00 |
| 60 | HLKW050... | 1/2' LOCK WASHER | 0.00 | 0.00 |
| 60 | HHXN050 EG | 1/2' HEX NUT | 0.00 | 0.00 |
| 10 | LOCATOR... | LOCATOR PLATE | 0.00 | 0.00 |

SHIPPING/...

146.96 146.96

Thank you for your business

TOTAL \$888.96

NATIONSRENT #104-PLANO

2801 ARCHERWOOD
PLANO, TX 75074
Phone 972-881-1330
Fax 972-881-1476
MON-SAT 7AM-5PM

Invoice # 820863-0001
Invoice Date 8/22/05

Entered By
Closed By **CYCLE BILL**
Salesman 36409 ECHEVARRIA, JOE R

4 WEEK BILL

Remit To: NationsRent, P.O. BOX 846163 DALLAS, TX 75284-8163

| | | | | | | | |
|------------------------------|--|----------|--------------|------------|---------|-------------|---------|
| Customer Number | 3036674 | P.O. # | 117481 | Job # | J.B. | Date Out | 8/03/05 |
| Customer Name | THIELSCH ENGINEERING INC ATTENTION MELISSA ROMANO 196 FRANCES AVENUE CRANSTON, RI 02910 | Office # | 972-233-1222 | Time Out | 8:00 AM | Billed Thru | 8/31/05 |
| | | Job # | 512-320-8845 | Ordered By | JB, | | |
| Job Address | ADDISON AIRPORT 15700 ADDISON RD D4-Y ADDISON, TX 75001 | | | | | | |
| Rental Rates (Per Each Item) | | | | | | | |
| Qty | Equipment # | Min | Day | Week | 4 Week | Amount | |

1 FORKLIFT 42' EXTENDABOOM 8000 350.00 350.00 976.00 2400.00 2232.00
 278570 Make: SKYTRAK Model: 8042 Ser #: 0160006328
 HR OUT: 464.00 HR IN: TOTAL: 464.00
 Salesman rates

SALES ITEMS:

| Qty | Item number | Unit | Price | |
|-----|----------------------|------|--------|-------|
| 1 | ENVIRONMENTAL CHARGE | EA | 15.000 | 15.00 |

DELIVERY CHARGE 60.00

PICKUP CHARGE VENDOR #003961 60.00

Ob j.b. 214-662-2608
db wayne

APPROVED _____

DATE _____

Sub-total: 2367.00

Damage waiver: 323.64

Tax: 221.99

Total: 2912.63

BILLED FOR FOUR WEEKS ACCT # 8/03/05 THRU 8/31/05 08:00 AM

ENTERED _____

LAB # _____

TAX _____

MARIE THIELSCH ENGINEERING INC

Kimberly Stewart
401-461-3020

*INUS

By customer demand, NationsRent delivers the equipment to customer's agent at the customer's designated site, and makes available the opportunity for immediate operator familiarization/training. Customer is cautioned to accept the Company's Offer for operator familiarization/training and to avoid all opportunities where untrained persons may cause the equipment to be used or operated. The customer's signature on this Rental Contract indicates their understanding of and acceptance of responsibility for operator training requirements as required by applicable local, state and federal regulations.

REMIT TO:
NationsRent
P.O. BOX 846163
DALLAS, TX 75284-8163

Delivered By _____ Date _____

Due Upon Receipt The Total Amount set forth above is estimated based on the Due Date and single shift usage.

NationsRent agrees to waive certain damages against Customer that are provided for on the reverse side of this Contract, in consideration of the customer paying the Damage Waiver fee on the face of this Contract.

Damage Waiver Declined DAMAGE WAIVER CAN ONLY BE DECLINED IF A CERTIFICATE OF INSURANCE IS ON FILE!

I HAVE READ AND AGREE TO ALL OF THE TERMS AND CONDITIONS ON THE FRONT AND REVERSE SIDE OF THIS CONTRACT. I ACKNOWLEDGE RECEIPT OF THE EQUIPMENT DELIVERED IN GOOD ORDER, AND A COPY OF THIS CONTRACT IS OTHER THAN CUSTOMER. SIGNER REPRESENTS THAT THEY ARE THE AGENT OF, AND AUTHORIZED TO SIGN FOR CUSTOMER. THIS CONTRACT REPRESENTS THE ENTIRE AGREEMENT BETWEEN YOU AND US, AND THERE ARE NO ORAL OR OTHER REPRESENTATIONS OR AGREEMENTS NOT INCLUDED HEREIN. NONE OF THE TERMS OR CONDITIONS OF THIS CONTRACT MAY BE AMENDED OR MODIFIED, EXCEPT IN WRITING SIGNED BY COMPANY AND CUSTOMER, AND MADE A PART OF THIS CONTRACT. CUSTOMERS WILL BE CHARGED FOR ALL TIRE REPAIR OR REPLACEMENT AND FOR RETURNING EQUIPMENT WITH LESS THAN A FULL TANK OF FUEL. CUSTOMER HEREBY AUTHORIZES COMPANY TO SEND ADVERTISEMENTS AND SOLICITATIONS TO CUSTOMER BY FACSIMILE TRANSMISSION OR OTHERWISE. RENTAL RATES BASED ON 8 WORKING HOURS PER DAY, 40 HOURS PER WEEK, 100 HOURS PER FOUR WEEK PERIOD. OVERTIME CHARGED ON OVERTAGES.

Customer Signature _____ Date _____

Page: 1

Construction Change Order

For requested change to Provide Support for 2" Vent Lines

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A Request For Information (RFI) number RT1008, dated 11-03-05 reads as follows: "The waste tank atmospheric vent piping was required to extend beyond canopy. The size and rigidity of the piping would indicate a need for some structural support. Recommend a cross member with pipe clamp attached to canopy structure via beam clamps. Please advise." The subject RFI was reviewed and approved by Tom Cobb of the Washington Group on 11-04-05; a copy of the RFI is attached.

The implementation of the additional structural support identified in RFI number RT1008 proceeded as follows:

- Select, purchase, and receive galvanized angle iron for supporting the 2" vent lines. Select, purchase, and receive "C-clamps" to hold the angle iron in place while special clamps are being received. The "C clamps" were utilized so that the vent line supports could be installed as quickly as possible—a) the need existed to support the vent lines, before any damage occurred to the canopy; b) there was a need to move forward with the lightening protection so that the task could be completed expeditiously; and c) clamps were utilized, in lieu of welding, because of the difficulty in welding at that height and because of the difficulty in protecting personnel and equipment from weld spatter.
- Install the angle iron in place with the "C Clamps"; allow work on the lightening protection to proceed to completion.
- Receive and install the special clamps—Lindapter clamps and associated hardware—which are specially designed for this type of application.
- Drill holes in angle iron for "U-bolts" to attach the vent lines to the angle iron.
- Receive and install the "U-bolts" to attach the vent lines to the angle iron.

- 2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$13,700.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add 2" Waste Tank Vent Line Support

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, February 03, 2006 11:40 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: Addison Change Order 024--Support for 2" Vent Lines

Tom and Mark,

Attached is the formal change order document, with cost estimate, for the subject revision to the project scope.

Also attached are the following documents: a) Request for Information (RFI) number RT1008, dated 11-3-2005; b) time sheet for craft labor; c) Fastenal invoice for angle iron; d) Home Depot invoice for C Clamps; e) Fastenal purchase order for U bolts; f) Lindapter invoice for hardware for attaching the angle iron to the canopy support steel; and g) NationsRent invoice for Sky Lift.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Thursday, February 02, 2006

Sale Price **\$13,700.00**
Total Costs **\$13,309.66**
Gross Margin % **2.86%**
Gross Profit **\$391.34**

CCR-024 - 2" Vent Line Supports

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
|----|---|--------|------------|---------------------------|--------|-------------------|-------|---------------------|-------------------|
| 1 | 4" C Clamps to attach angle iron to canopy support steel | 74 | Horn Depot | \$7.60 | 10 | \$78.60 | 1.15 | \$91.54 | |
| 2 | SHF-18 x 2" Pipe 2" thick plated regular U-Bolt | 74 | Fabenski | \$4.60 | 5 | \$4.60 | 1.15 | \$5.29 | |
| 3 | SHF-18 nuts for U Bolts | 74 | Fabenski | \$0.70 | 10 | \$7.00 | 1.15 | \$8.05 | |
| 4 | 4" x 3" x 3/8" galvanized angle iron | 74 | Fabenski | \$5.87 | 100 | \$587.00 | 1.15 | \$675.05 | |
| 5 | Special Hardware to attach angle iron to canopy support steel | 74 | Lincopter | \$888.98 | 1 | \$888.98 | 1.15 | \$1,022.30 | |
| 6 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 7 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 8 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total E.C.M. Costs | | \$1,587.18 | | Total E.C.M. | \$1,802.23 |

Thielsch Engineering LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | |
|-----|--|------|-------------------------------|----------------|--------------------|------------|--------------------|
| 101 | | 1093 | Project Manager | \$0.00 | 0 | \$0.00 | |
| 102 | Identify supplier, select hardware, procure and receive, document change | 1021 | Engineer | \$90.00 | 24 | \$2,160.00 | |
| 103 | Order Details | 1106 | Tech. Engineer | \$0.00 | 0 | \$0.00 | |
| 104 | | 1105 | Superintendent | \$0.00 | 0 | \$0.00 | |
| 105 | Robert Martinez | 1140 | Foreman | \$57.75 | 8 | \$462.00 | |
| 106 | | 1136 | Draftsman | \$0.00 | 0 | \$0.00 | |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 | |
| 108 | | 1076 | Pipefitter | \$0.00 | 0 | \$0.00 | |
| 109 | Manhours per attached timesheet | 1052 | Craftsman | \$54.13 | 150 | \$8,119.50 | |
| 110 | | 1043 | Mechanical-helper | \$0.00 | 0 | \$0.00 | |
| 111 | | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 | |
| 112 | | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | \$0.00 | |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 | |
| 114 | | 1064 | Laborer / Millwright | \$0.00 | 0 | \$0.00 | |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 | |
| 116 | | 4319 | Training Engineer | \$0.00 | 0 | \$0.00 | |
| 117 | | 4320 | Training Tech | \$0.00 | 0 | \$0.00 | |
| 118 | | 1008 | Documentation Coord. | \$0.00 | 0 | \$0.00 | |
| | | | MANDAY IMPACT | #DIV/0! | Total Labor | 182 | \$10,741.50 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | | |
|-----|-------------|------|----------------|------------------------|-------------------|-------------------|-------------------|
| 201 | | | Electrical | 1.15 | \$0.00 | | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | |
| 208 | | | Equipment | \$1,000.00 | 1.15 | \$1,150.00 | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total Subs Cost | \$1,000.00 | Total Subs | \$1,150.00 |

Comments:

| | |
|---------------------------------------|--------------------|
| Total E.P.M | \$1,802.23 |
| Total Labor | \$10,741.50 |
| Total Subs | \$1,150.00 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | \$0.00 |
| Bonding | \$0.00 |
| TAX @ 0.00% | \$0.00 |
| TOTAL | \$13,693.73 |
| TOTAL + Retainage Comp @ 0.00% | \$13,693.73 |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$13,693.73 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

RFI No.: RT1008
Job No.: 41050015
Date: 11/03/2005

Location: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: 2" WASTETANK VENT PIPING

TO: Washington Group International

Cc: _____
Cc: _____

ATTN: Tom Cobb

| RESPONSE CODE: | SUBMITTED FOR: | ACTION TAKEN: |
|--|--|---|
| <input checked="" type="checkbox"/> Critical | <input checked="" type="checkbox"/> Review and Comment | <input checked="" type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Important | <input type="checkbox"/> Informational | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Routine | | <input type="checkbox"/> Resubmit |

| DOCUMENT REFERENCE | REV. NO. | SHEETS REFERENCE | TITLE | SPEC SECTION | AREA OF WORK |
|--------------------|----------|------------------|---|--------------|-------------------------|
| CONSTRUCTION DWG | 2 | Sheets 27 of 33 | P&ID FUEL TANKS & EQUIPMENT | 13000 | FUEL SYSTEM VENT PIPING |
| CONSTRUCTION DWG | 2 | Sheets 28 of 33 | TANK LAYOUT PLANS | 13000 | FUEL SYSTEM VENT PIPING |
| CONSTRUCTION DWG | 2 | Sheets 33 of 33 | BULK FUEL STORAGE AND DISPENSING SYSTEM SECTION "Y-Y" AND CANOPY DETAIL ALTERNATE BID | 13000 | FUEL SYSTEM VENT PIPING |

DESCRIBE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT):

THE WASTE TANK ATMOSPHERIC VENT PIPING WAS REQUIRED TO EXTEND BEYOND CANOPY. THE SIZE AND RIGIDITY OF THE PIPING WOULD INDICATE A NEED FOR SOME STRUCTURAL SUPPORT. RECOMMEND A CROSS MEMBER WITH PIPE CLAMP ATTACHED TO CANOPY STRUCTURE VIA BEAM CLAMPS. PLEASE, ADVISE.

RESPONSE REQUIRED BY: ASAP

NAME:

SIGNATURE:

Check one: Response DOES NOT cause a change in Contract Price and/ or Contract Time.
 Response DOES cause a Potential change in Contract Price and/ or Contract Time.

DESCRIBE RESPONSE BEING REQUESTED (PLEASE BE EXPLICIT):

EFFECTS OF THIS RFI:

- _____ NO COST CHANGE
- _____ REVISIONS TO DRAWINGS
- _____ REVISIONS TO SPECS
- _____ POTENTIAL COST CHANGE

RECORD

COPY

NAME: Tom Cobb
(PLEASE PRINT)

FIRM: W&H

SIGNATURE: *[Signature]*

DATE: 11/4/05

[Signature]
TERRY HILGENDORFER
RE: DAVIS WILDE

Addison Fuel Farm
Change Order #024

Time Sheet

| <u>Period</u> | <u>Name</u> | <u>Hours</u> |
|----------------------|-----------------|--------------|
| Week ending 11-20-05 | Rafael Ramirez | 30 |
| | Michael Ballard | 30 |
| | Rusty Hughes | 30 |
| Week ending 12-18-05 | Rusty Hughes | 20 |
| | Ray Ortega | 20 |
| | Hector Saenz | 20 |
| TOTALS | | 150 hours |

Timesheet submitted and approved by Robert Martinez, foreman

FASTENAL

INDUSTRIAL & CONSTRUCTION SUPPLIES

4014613020 10 19722331244 P.12/18

INVOICE

Cust. No.
TXCAR1923

Cust. P.O.
119373

119423

Job No.
41-05-015

Remit to
Fastenal Company
P.O. Box 978
Winona, MN 55987-0978

Date
11/11/2005

Page 1
Invoice No.
TXCAR95049

For billing questions
1432 MacArthur Drive
CARROLLTON, TX 75007
United States
Phone (972)466-0593

Due Date
12/15/2005

Invoice Total
587.14 USD

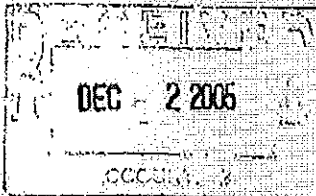
Sold To
THIELSCH ENGINEERING, INC.
191 FRANCES AVE.
CRANSTON, RI 02910-2211

Ship To
THIELSCH ENGINEERING, INC.
ADDISON AIRPORT FUEL FARM
15701 ADDISON ROAD



Please detach and send any portion of invoice with remittance to above address

| Line No | Quantity Ordered | Quantity Returned | Quantity Invoiced | Description | Control No. | Part No. | Price / C | Amount |
|---------|------------------|-------------------|-------------------|-------------------|-------------|----------|-----------|--------|
| 1 | 1.200 | 1.200 | 0 | A54 ANG 3 x 1 1/4 | CA1X16531 | 025503 | 47.550 | 570.64 |



VENDOR # _____

APPROVED *Rhodes*

DATE *12/5/05*

ACCT # *41-05-0315*

ENTERED _____

LAB # _____

TAX _____

RH 12/5

RH 12/5

Received By _____

Tax Exemption _____

Comments _____

| | |
|---------------------|---------------|
| Subtotal | 570.64 |
| Shipping & Handling | 16.50 |
| TX State Tax | 0.00 |
| County Tax | 0.00 |
| City Tax | 0.00 |
| Total | 587.14 |

Reasonable collection and attorneys fees will be assessed to all accounts placed for collection.

No materials accepted for return without our permission. All discrepancies must be reported within 10 days.

Fastenal Company
P.O. Box 978
Winona, MN 55987-0978

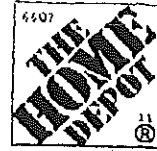
Invoice/Dt: TXCAR95049 11/11/2005
Cust: TXCAR1923
P O No: 119373
Job No: 41-05-015

Please pay from this invoice. No statement will be sent.

Printed In USA

THE HOME DEPOT 055
6200 #1 BLVD.
W PLANO, TX 75093 (972) 735-9333

0551 00003 51015 11/11/
SALE, 61 KRB508 10:56



044295264037 4" CCLAMP
.10 @ 7.96 79.60
094138030501 80# MAXIMIZER
39 @ 4.98 194.22
SUBTOTAL 273.82
SALES TAX 22.59
TOTAL \$296.41
XXXXXXXXXXXX0191 HOME DEPOT 296.41
AUTH CODE 011960/1097055 TA
P.O.#/JOB NAME 119476

THIELSCH ENGINEERING
REQUIRED PO



NOW HIRING SPECIALTY SALES ASSOCIATES.
APPLY TODAY IN-STORE OR ON-LINE AT:
CAREERS.HOMEDEPOT.COM/SPECIALISTS

ENTER FOR A CHANCE
TO WIN A \$5,000
HOME DEPOT GIFT
CARD!

Your Opinion Counts! We would like to
hear about your shopping experience.
Enter to win a \$5,000 Home Depot Gift
Card by completing a brief survey about
your store visit at:

www.HomeDepotOpinion.com

You will need the following to enter
on-line:

User ID:
102870 102322

Password:
5561 102319

Entries must be entered by 12/11/2005.
Entrants must be 18 or older to enter.
See complete rules on website. No
purchase necessary.



Fastenal Company
 P.O. Box 978
 Winona, MN 55987-0978

Packing Slip

Date 11/16/2005 Reference No. TXCAR95138 Page 1
 DUE DATE: 12/15/2005

Cust. No. TXCAR1923 Cust. P.O. 119431 Job No. 41-05-015

The store serving you is
 1932 MacArthur Drive
 Carrollton, TX 75007
 (972) 466-0593

THIELSCH ENGINEERING, INC.
 195 Frances Ave.
 Cranston, RI 02910-2211
 401-467-6454

THIELSCH ENGINEERING, INC.
 Addison Airport Fuel Farm
 15701 Addison Road
 Addison, TX 75001
 214-662-2608

| Line No. | Quantity Ordered | Quantity Shipped | Quantity Backorder | Description | Unit | Price | Ext. Price | Weight |
|----------|------------------|------------------|--------------------|--|---------------|------------------|------------|---------|
| 1 | 28 | 28 | 0 | 3000 FS TH CPLG | anvili | 0467277 | 271.1500 | 75.92 G |
| 2 | 100 | 100 | 0 | Threaded Steel Coupling Pipe | ph | 047782 62018 | 61.4295 | 61.43 G |
| 3 | 30 | 30 | 0 | 5/16-18 x 1" Pipe Zinc Plated Reg Len U-Bolt | use w/Plate#2 | ph058643 12034 | 91.8000 | 27.54 G |
| 4 | 300 | 300 | 0 | 5/16-18 x 2" Pipe Zinc Plated Reg Len U-Bolt | use w/Plate#4 | ph047310 1136104 | 3.4425 | 10.39 G |
| 5 | 100 | 100 | 0 | 1/2" Zinc Plated Hex Nut | anvili | 0467107 | 532.9500 | 74.61 G |
| | | | | 3000 FS Hex Bushing Pipe | | | | |

R 11/29

Received By *Chang Stroble*

Comments:
 Contact: JB Butler hr

| | | |
|---------------|---------------------|---------------|
| Tax Exemption | Subtotal | 249.83 |
| Exemption | Shipping & Handling | 7.47 |
| | State Tax | 0.00 |
| | County Tax | 0.00 |
| | City Tax | 0.00 |
| | TOTAL USD | 257.30 |

IF YOU REPACKAGE OR RESELL THIS PRODUCT YOU ARE CONSIDERED
 TO MAINTAIN THE INTEGRITY OF COUNTRY OF ORIGIN YOU ARE CONSUMER
 OF THIS PRODUCT

Reasonable collection and attorneys fees will be
 assessed to all accounts placed for collection.

* indicates part was sold at a promotional or special discount price

Thank You!

No materials accepted for return without our permission.
 All discrepancies must be reported within 10 days.

Lindapter North America, Inc.

3924A Varsity Drive
 Ann Arbor, MI 48108
 Tel: (888) 724-2323
 www.LindapterNA.com

Invoice

| DATE | INVOICE # |
|------------|-----------|
| 11/23/2005 | 17067 |

BILL TO:

Thielsch Engineering
 2111 Dickson Drive
 Suite 10
 Austin, TX 78704

SHIP TO:

Thielsch Engineering
 c/o Addison Airport
 15701 Addison Road
 Addison, TX 75001

| P.O. NUMBER | TERMS | REP | SHIP | VIA | F.O.B. | PROJECT |
|-------------|--------|-----|------------|-----|---------------|---------|
| 41-05-0015 | Net 30 | C | 11/23/2005 | CCX | Ann Arbor, MI | |

| QUANTITY | ITEM CODE | DESCRIPTION | PRICE EACH | AMOUNT |
|----------|--------------|---------------------------------------|------------|--------|
| 10 | ASSEM | LGC051120 Girder Clamp consisting of: | 74.20 | 742.00 |
| 40 | LLR050 EG | 1/2' TYPE LR SADDLE & CLIP EG | 0.00 | 0.00 |
| 10 | LA050L EG | 1/2' -A-LONG TAIL EG | 0.00 | 0.00 |
| 10 | LP1050S EG | 1/2' P1 SHORT PACK EG | 0.00 | 0.00 |
| 10 | LC2050 EG | 1/2' TYPE C2 EG | 0.00 | 0.00 |
| 40 | HHCS05030... | 1/2' X 3' GR5 HEX HEAD CAP SCRES | 0.00 | 0.00 |
| 10 | HHCS05025... | 1/2' X 2-1/2' GR5 HEX HEAD CAP SCREW | 0.00 | 0.00 |
| 10 | HHCS05055... | 1/2" x 5-1/2" GR. 5 BOLT | 0.00 | 0.00 |
| 60 | HFLW050 | 1/2' FLAT WASHER | 0.00 | 0.00 |
| 60 | HLKW050 ... | 1/2' LOCK WASHER | 0.00 | 0.00 |
| 60 | HHXN050 EG | 1/2' HEX NUT | 0.00 | 0.00 |
| 10 | LOCATOR... | LOCATOR PLATE | 0.00 | 0.00 |

SHIPPING/... 146.96 146.96

TOTAL \$888.96

Thank you for your business

NATIONSRENT #104-PLANO

2801 ARCHERWOOD
 PLANO, TX 75074
 Phone 972-881-1350
 Fax 972-881-1476
 MON-SAT 7AM-5PM

Invoice # 820663-0001
 Invoice Date 8/22/05

Entered By
 Closed By CYCLE BILL
 Salesman 36409 ECHEVARRIA, JOE R

4 WEEK BILL

Remit To: NationsRent, P.O. BOX 846163 DALLAS, TX 75284-6163

| | | | | | | | |
|-----------------|--|------------|--------------|-------------|---------|----------|---------|
| Customer Number | 3036674 | P.O. # | 117481 | Job # | J.B. | Date Out | 8/03/05 |
| Customer Name | THIELSCH ENGINEERING INC ATTENTION MELISSA ROMANO 195 FRANCES AVENUE CRANSTON, RI 02910 | Office # | 972-233-1222 | Time Out | 8:00 AM | | |
| | | Job # | 512-320-8845 | Billed Thru | 8/31/05 | | |
| Job Address | ADDISON AIRPORT 15700 ADDISON RD D4-Y ADDISON, TX 75001 | Ordered By | JB, | | | | |

| Qty | Equipment # | Min | Day | Week | 4 Week | Amount |
|-----|-------------|-----|-----|------|--------|--------|
|-----|-------------|-----|-----|------|--------|--------|

1 FORKLIFT 42' EXTENDABOOM 8000 350.00 350.00 976.00 2400.00 2232.00
 278570 Make: SKYTRAK Model: 8042 Ser #: 0160006328
 HR OUT: 464.00 HR IN: TOTAL: 464.00
 Salesman rates

SALES ITEMS:

| Qty | Item number | Unit | Price | |
|-----|----------------------|------|--------|-------|
| 1 | ENVIRONMENTAL CHARGE | EA | 15.000 | 15.00 |

DELIVERY CHARGE 60.00

PICKUP CHARGE VENDOR # 703961 60.00

Ob j.b. 214-662-2608
 db wayne

APPROVED _____

DATE _____

Sub-total: 2367.00
 Damage waiver: 323.64
 Tax: 221.99
 Total: 2912.63

BILLED FOR FOUR WEEKS ACCT # 8/03/05 THRU 8/31/05 08:00 AM

ENTERED _____

LAB # M/11/16

TAX M to Rich 11/16

MARIE
 THIELSCH ENGINEERING INC

Kimberly Stewart
 401-461-3020

*INUS

By customer demand, NationsRent delivers this equipment to customer's agent at the customer's designated site, and makes available the opportunity for immediate operator familiarization/training. Customer is cautioned to accept the Company's Offer for operator familiarization/training and to avoid all opportunities where untrained persons may cause this equipment to be used or operated. The customer's signature on this Rental Contract indicates their understanding of and acceptance of responsibility for operator training requirements as required by applicable local, state and federal regulations.

REMIT TO:
 NationsRent
 P.O. BOX 846163
 DALLAS, TX 75284-6163

Delivered By _____ Date _____

Due Upon Receipt The Total Amount set forth above is estimated based on the Due Date and single shift usage.

NationsRent agrees to waive certain damages against Customer that are provided for on the reverse side of this Contract, in consideration of the customer paying the Damage Waiver fee on the face of this Contract.

Damage Waiver Declined (DAMAGE WAIVER CAN ONLY BE DECLINED IF A CERTIFICATE OF INSURANCE IS ON FILE)

I HAVE READ AND AGREE TO ALL OF THE TERMS AND CONDITIONS ON THE FRONT AND REVERSE SIDE OF THIS CONTRACT. I ACKNOWLEDGE RECEIPT OF THE EQUIPMENT DELIVERED IN GOOD ORDER AND A COPY OF THIS CONTRACT. IF OTHER THAN CUSTOMER, SIGNER REPRESENTS THAT THEY ARE THE AGENT OF, AND AUTHORIZED TO SIGN FOR CUSTOMER. THIS CONTRACT REPRESENTS THE ENTIRE AGREEMENT BETWEEN YOU AND US, AND THERE ARE NO ORAL OR OTHER REPRESENTATIONS OR AGREEMENTS NOT INCLUDED HEREIN. NONE OF THE TERMS OR CONDITIONS OF THIS CONTRACT MAY BE AMENDED OR MODIFIED, EXCEPT IN WRITING SIGNED BY COMPANY AND CUSTOMER, AND MADE A PART OF THIS CONTRACT. CUSTOMERS WILL BE CHARGED FOR ALL TIRE REPAIR OR REPLACEMENT AND FOR RETURNING EQUIPMENT WITH LESS THAN A FULL TANK OF FUEL. CUSTOMER HEREBY AUTHORIZES COMPANY TO SEND ADVERTISEMENTS AND SOLICITATIONS TO CUSTOMER BY FACSIMILE TRANSMISSION OR OTHERWISE. RENTAL RATES BASED ON 8 WORKING HOURS PER DAY, 40 HOURS PER WEEK, 160 HOURS PER FOUR WEEK PERIOD. OVERTIME CHARGED ON OVERTAGES.

Customer Signature _____ Date _____

Page: 1

Construction Change Order**For requested change to Provide AvGas and Jet A Sampling Connection**05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the Town to provide a sampling connection in the AvGas and Jet A tank water draw-off piping, between the hand pump and the waste tank, this task has added to the scope of work on the project. The additional cost of construction has been determined as this represents a change to the original bid package.

The Burns & McDonnell trip report, dated 12-19-05 and covering the site visit of 12-16-05 reads:

4. **AvGas sampling connection.** The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch, the hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.

Subsequent to the transmittal of a change order to cover the cost of the four AvGas tanks (numbers 3, 8, 9, and 11), the request was made by Luis Elguezabal (WGI) to provide sampling connections on the remainder of the tanks. The sampling connection on the hand pumps for the Jet A tanks is slightly different than the AvGas tanks—the Jet A tanks require the hand pump to be rotated about 5 degrees so that the vertical piping—already installed—will not interfere with the new sample connection. The Jet A tanks require the addition of a nipple, a 45 degree ell, another nipple, and a 3/4" ball valve; the AvGas tanks require the addition of a nipple, the 3/4" ball valve, and another nipple. These sampling connections are made on the south side of the pumps.

A flexible hose, with nozzle, will be attached to the end of the sampling connection; that nozzle is placed in the slot provided on the north side of the pump when sampling is not taking place. The hose is approximately 8' long, and is attached to the sampling connection with a 3/4" coupling; the costs for the

hose and nozzle are not shown on the change order, as they were included with the original purchase of the hand pumps.

- 2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$3410.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add AvGas Sampling Connection

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson
 Cary Franklin

Thielsch Engineering Estimate

Date: Thursday, February 02, 2006

Sale Price \$3,410.00
 Total Costs \$3,286.86
 Gross Margin % 3.61%
 Gross Profit \$123.14

ADDISON AIRPORT
 15701 Addison Road
 Addison, Texas 75001

CCR-026 - AvGas Sampling Connection-Revision B

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | |
|----------------------------------|--|--------|----------|-----------------|--------|---------------------|-------|-----------------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
| 1 | 3/4" x short black seamless carbon steel threaded nipple | 74 | Amespipe | \$4.00 | 4 | \$4.00 | 1.15 | \$5.08 |
| 2 | 3/4" Orange carbon steel Ball Valve, threaded | 74 | Amespipe | \$48.00 | 4 | \$192.00 | 1.15 | \$220.80 |
| 3 | 3/4" carbon steel pipe coupling | 74 | Amespipe | \$2.80 | 4 | \$11.20 | 1.15 | \$12.88 |
| 4 | 3/4" x 3" nipples black seamless carbon steel threaded | 74 | Amespipe | \$1.60 | 4 | \$7.20 | 1.15 | \$8.28 |
| 5 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | 3/4" Orange carbon steel Ball Valve, threaded | 74 | Amespipe | \$48.00 | 10 | \$480.00 | 1.15 | \$552.00 |
| 7 | 3/4" x short black seamless carbon steel threaded nipple | 74 | Amespipe | \$11.00 | 10 | \$110.00 | 1.15 | \$126.50 |
| 8 | 3/4" x short black seamless carbon steel threaded nipple | 74 | Amespipe | \$4.89 | 10 | \$48.90 | 1.15 | \$55.89 |
| 9 | 3/4" 300# carbon steel threaded 45 degree elbow | 74 | Amespipe | \$2.80 | 10 | \$28.00 | 1.15 | \$32.20 |
| 10 | 3/4" carbon steel pipe coupling | 74 | Amespipe | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$782.40 | | Total E.C.M. | | \$899.78 |

| Thielsch Engineering LABOR SERVICES | | | | | | | | |
|-------------------------------------|---|------|-------------------------------|----------------|--------------|--------------------|-----------|-------------------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | |
| 101 | Provide sampling connections on AvGas Tanks | 1093 | Project Manager | \$0.00 | 0 | \$0.00 | | |
| 102 | Numbers 3, 8, 11, and 14 | 1021 | Engineer | \$0.00 | 0 | \$0.00 | | |
| 103 | Provide sampling connections on Jet A Tanks | 1108 | Tech. Engineer | \$0.00 | 0 | \$0.00 | | |
| 104 | Numbers 1, 2, 4, 5, 6, 7, 9, 10, 12, and 13 | 1105 | Superintendent | \$0.00 | 0 | \$0.00 | | |
| 105 | Robert Martinez | 1140 | Foreman | \$57.75 | 4 | \$231.00 | | |
| 106 | | 1136 | Draftsman | \$0.00 | 0 | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 | | |
| 108 | | 1078 | Pipefitter | \$0.00 | 0 | \$0.00 | | |
| 109 | Hector Cabez and Marty Martinez - period 12-20-05 through 1-5-06 (AvGas) | 1052 | Craftsman | \$54.13 | 42 | \$2,273.46 | | |
| 110 | Two people twenty one hours each, for fourteen total sample connections | 1043 | Mechanical-helper | \$0.00 | 0 | \$0.00 | | |
| 111 | The majority of this work takes place on the top of the west side of the | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 | | |
| 112 | storage tanks, where the craftsman are required to utilize fall protection. | 1092 | Structural Welder- Journeyman | \$0.00 | 0 | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 | | |
| 114 | | 1084 | Laborer / Millwright | \$0.00 | 0 | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 | | |
| 116 | | 4319 | Training Engineer | \$0.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training Tech | \$0.00 | 0 | \$0.00 | | |
| 118 | | 1008 | Documentation Coord. | \$0.00 | 0 | \$0.00 | | |
| MANDAY IMPACT | | | | #DIV/0! | | Total Labor | 46 | \$2,504.46 |

| SUB CONTRACTOR SERVICES | | | | | | | | |
|-------------------------|-------------|------|----------------|---------------|--------|-------------------|-------|---------------|
| # | Description | Name | Type | | | Mult. | Price | |
| 201 | | | Electrical | | | 1.15 | | \$0.00 |
| 202 | | | Mechanical | | \$0.00 | 1.15 | | \$0.00 |
| 203 | | | SCADA/PLC | | \$0.00 | 1.15 | | \$0.00 |
| 204 | | | Civil | | \$0.00 | 1.15 | | \$0.00 |
| 205 | | | Gen. Services | | \$0.00 | 1.15 | | \$0.00 |
| 206 | | | Support Groups | | \$0.00 | 1.15 | | \$0.00 |
| 207 | | | Riggers | | \$0.00 | 1.15 | | \$0.00 |
| 208 | | | Equipment | | \$0.00 | 1.15 | | \$0.00 |
| 209 | | | Miscellaneous | | \$0.00 | 1.15 | | \$0.00 |
| Total Subs Cost | | | | \$0.00 | | Total Subs | | \$0.00 |

| | | |
|-----------|---------------------------------------|------------|
| Comments: | Total E.P.M | \$899.78 |
| | Total Labor | \$2,504.46 |
| | Total Subs | \$0.00 |
| | Travel | \$0.00 |
| | Factory Training | \$0.00 |
| | Freight | \$0.00 |
| | Permits | \$0.00 |
| | Carrying Cost (days) | 0 \$0.00 |
| | Bonding | \$0.00 |
| | TAX @ 0.00% | \$0.00 |
| | TOTAL | \$3,404.22 |
| | TOTAL + Retainage Comp @ 0.00% | \$3,404.22 |
| | Additional TOTAL MARK-UP | 0.00% |
| | SALES PRICE | \$3,404.22 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, February 02, 2006 3:23 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: CCR-026--AvGas/Jet A Sampling Connection--Revision B

Tom and Mark,

Attached is Revision B to the subject change order. An error was made on the 3/4" ball valve count for the Jet A tanks; that error has been corrected on this revision. We apologize for the error.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order**For requested change to Provide AvGas Sampling Connection****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the Town to provide a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank, this task has added to the scope of work on the project. The additional cost of construction has been determined as this represents a change to the original bid package.

The Burns & McDonnell trip report, dated 12-19-05 and covering the site visit of 12-16-05 reads:

4. **AvGas sampling connection.** The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch, the hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.
2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$790.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add AvGas Sampling Connection

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 26, 2006 8:57 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: CCR-026 AvGas Sampling Connection

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-026--AvGas Sampling Connection; this requested change was identified in the Burns & McDonnell Trip Report dated 12-19-05, covering the site visit of 12-16-05. The supplier of the materials is Ameripipe. If there are any additional questions, please advise.

The Burns & McDonnell Trip Report is also attached as reference.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Thursday, January 28, 2008

Sale Price \$790.00
Total Costs \$757.14
Gross Margin % 4.15%
Gross Profit \$32.86

CCR-026 - AvGas Sampling Connection Contract Type: Construction Change Request

| # | Description | Part # | Vendor | Cost Each | Quant | Total Cost | Mult. | Price |
|----|---|--------|---------|-------------------|----------|--------------|----------|----------|
| 1 | 3/4" x short black stainless carbon steel threaded nipple | 74 | Amalgam | \$1.10 | 4 | \$4.40 | 1.15 | \$5.06 |
| 2 | 3/4" Sharp carbon steel Ball Valve, threaded | 74 | Amalgam | \$48.00 | 4 | \$192.00 | 1.15 | \$220.80 |
| 3 | 3/4" carbon steel pipe caps | 74 | Amalgam | \$1.60 | 4 | \$6.40 | 1.15 | \$7.36 |
| 4 | 3/4" x 3" nipples black stainless carbon steel, threaded | 74 | Amalgam | \$1.45 | 4 | \$5.80 | 1.15 | \$6.67 |
| 5 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | 74 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M.Costs | \$208.60 | Total E.C.M. | \$239.89 | |

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | |
|---------------|--|------|-------------------------------|------------|--------------|----------|----------|
| 101 | Provide sampling connections on AVGas tanks | | | \$0.00 | 0 | \$0.00 | |
| 102 | Numbers 5, 8, 11, and 14 | 1083 | Project Manager | | | | |
| 103 | | 1021 | Engineer | \$0.00 | 0 | \$0.00 | |
| 104 | | 1106 | Tech. Engineer | \$0.00 | 0 | \$0.00 | |
| 105 | Robert Martinez | 1105 | Superintendent | \$0.00 | 0 | \$0.00 | |
| 106 | | 1140 | Foreman | \$57.75 | 2 | \$115.50 | |
| 107 | | 1136 | Draftsman | \$0.00 | 0 | \$0.00 | |
| 108 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 | |
| 109 | Hector Saenz and Marty Martinez - period 12-20-05 through 1-5-08 | 1076 | Pipefitter | \$54.13 | 8 | \$433.04 | |
| 110 | Two people four hours each, for four sample connections | 1052 | Craftsman | \$0.00 | 0 | \$0.00 | |
| 111 | | 1043 | Mechanical-helper | \$0.00 | 0 | \$0.00 | |
| 112 | | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 | |
| 113 | | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | \$0.00 | |
| 114 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 | |
| 115 | | 1054 | Laborer / Millwright | \$0.00 | 0 | \$0.00 | |
| 116 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 | |
| 117 | | 4319 | Training | \$0.00 | 0 | \$0.00 | |
| 118 | | 4320 | Training | \$0.00 | 0 | \$0.00 | |
| | | 1009 | Documentation Coord. | \$0.00 | 0 | \$0.00 | |
| MANDAY IMPACT | | | | #DIV/0! | Total Labor | 10 | \$548.54 |

| # | Description | Name | Type | Mult. | Price | | |
|-----------|-------------|------|----------------|-----------------|--------|------------|--------|
| 201 | | | Electrical | 1.15 | \$0.00 | | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | |
| Comments: | | | | Total Subs Cost | \$0.00 | Total Subs | \$0.00 |

| | |
|--------------------------|----------------|
| Total E.P.M | \$239.89 |
| Total Labor | \$548.54 |
| Total Subs | \$0.00 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 0 \$0.00 |
| Bonding | \$0.00 |
| TAX @ | 0.00% \$0.00 |
| TOTAL | \$788.43 |
| TOTAL + Retainage Comp @ | 0.00% \$788.43 |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$788.43 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

**Addison Airport
Bulk Fuel Storage and Dispensing System**

Trip Report

Trip of 12/16/05

Summary

On Friday December 16, 2005, a trip to the project site was made by John Bagnall, Mechanical Engineer and Fuel System Specialist with Burns & McDonnell. The purpose of this trip was to observe and inspect construction progress. A joint construction walk-through was conducted by John Bagnall with Tom Cobb and Larry Day of Washington Group. Observations and recommendations are described below.

Observations and Recommendations

1. Raised face vs. flat face flanges. It was observed that raised face flanges were mated to flat face flanges in a number of locations, utilizing spiral-wound gaskets. The specifications (Section 13061, paragraph 2.05.B) require that flange facings match, e.g. raised face to raised face or flat face to flat face. This is considered a potential problem using spiral-wound gaskets as these gaskets have been observed to come apart (fail) on other projects with dissimilar mating flanges. As a minimum in this case, the gaskets should be replaced with a full face flexible graphite (grafoil) composite type gasket. This applies to anywhere raised face flanges are mated to flat face flanges including the following:
 - a. Both ends of pump flex connectors (2 flex connectors per pump, one gasket each side – 4 locations per tank).
 - b. Both ends of ductile iron control valves (3 valves each tank, one gasket each side – 6 locations per tank).
 - c. Both sides of loading control valve orifice plate (1 valve each tank, one gasket each side of orifice plate – 2 locations per tank).
 - d. Hose connecting flange (2 hoses per tank, one gasket each – 2 locations per tank).

This was discussed with Thielsch in field.

2. Waste tank pump-out. It was observed that at least one of these pump-out lines had been installed, with an "inverted-u" in the piping near where the vacuum truck would connect (east side). This arrangement would make it more difficult to pump out the waste tank as air would potentially be trapped in this piping. One "inverted-u" already will exist at the waste tank connection piping – another is not considered acceptable. Inverted-u at the east side should be eliminated, with camlock hose

Burns & McDonnell
December 19, 2005

connection located within the tank containment area and slightly below the unloading hose rack. This was discussed with Thielsch in field.

3. Drain connection on fuel issue piping. A drain connection including threadolet, elbow, nipples and ball valve is present beneath the east-west oriented fuel issue pipe before the pipe leaves the tank containment area (west end). This drain piping assembly was observed to be parallel to the pipe run, directly underneath the issue pipe in almost every case. This is not considered adequately accessible for maintenance connection – drain pipe should be rotated such that drain connection is not directly below issue pipe. Rotate in direction opposite stair/walkway to prevent tripping hazard. This was discussed with Thielsch in field.
4. AvGas sampling connection. The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch. The hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.
5. Tank vents. All normal tank vents were specified to be equipped with pressure/vacuum vents (Section 13201, paragraph 2.02.J.3 and Section 13204, paragraphs 2.02.G.1 and 2.06). Only rain caps were observed on these vents – P-V vent assemblies shall be installed on all normal tank vents.

Construction Change Order

For requested change to Provide AvGas and Jet A Sampling Connection

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the Town to provide a sampling connection in the AvGas and Jet A tank water draw-off piping, between the hand pump and the waste tank, this task has added to the scope of work on the project. The additional cost of construction has been determined as this represents a change to the original bid package.

The Burns & McDonnell trip report, dated 12-19-05 and covering the site visit of 12-16-05 reads:

4. **AvGas sampling connection.** The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch, the hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.

Subsequent to the transmittal of a change order to cover the cost of the four AvGas tanks (numbers 3, 8, 9, and 11), the request was made by Luis Elguezabal (WGI) to provide sampling connections on the remainder of the tanks. The sampling connection on the hand pumps for the Jet A tanks is slightly different than the AvGas tanks—the Jet A tanks require the hand pump to be rotated about 5 degrees so that the vertical piping—already installed—will not interfere with the new sample connection. The Jet A tanks require the addition of a nipple, a 45 degree ell, another nipple, and a 3/4" ball valve; the AvGas tanks require the addition of a nipple, the 3/4" ball valve, and another nipple. These sampling connections are made on the south side of the pumps.

A flexible hose, with nozzle, will be attached to the end of the sampling connection; that nozzle is placed in the slot provided on the north side of the pump when sampling is not taking place. The hose is approximately 8' long, and is attached to the sampling connection with a 3/4" coupling; the costs for the

hose and nozzle are not shown on the change order, as they were included with the original purchase of the hand pumps.

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$3410.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add AvGas Sampling Connection

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Thursday, February 02, 2006

Sale Price **\$3,410.00**
Total Costs **\$3,285.86**
Gross Margin % **3.81%**
Gross Profit **\$123.14**

CCR-026 - AvGas Sampling Connection - Revision B

Contract Type: Construction Change Request

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|--|--------|---------|---------------------------|-----------------|---------------------|-----------------|-----------------|
| 1 | 3/4" x short black seamless carbon steel threaded nipple | | America | \$1.10 | 4 | \$4.40 | 1.15 | \$5.06 |
| 2 | 3/4" Sharp carbon steel Ball Valve, threaded | | America | \$48.00 | 4 | \$192.00 | 1.15 | \$220.80 |
| 3 | 3/4" carbon steel pipe coupling | | America | \$2.80 | 4 | \$11.20 | 1.15 | \$12.88 |
| 4 | 3/4" x 31 nipples black seamless carbon steel, threaded | | America | \$1.80 | 4 | \$7.20 | 1.15 | \$8.28 |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | 3/4" Sharp carbon steel Ball Valve, threaded | | America | \$48.00 | 10 | \$480.00 | 1.15 | \$552.00 |
| 7 | 3/4" x short black seamless carbon steel threaded nipple | | America | \$1.10 | 10 | \$11.00 | 1.15 | \$12.65 |
| 8 | 3/4" 3000# carbon steel threaded 45 degree elbow | | America | \$4.80 | 10 | \$48.00 | 1.15 | \$55.80 |
| 9 | 3/4" carb steel pipe coupling | | America | \$2.80 | 10 | \$28.00 | 1.15 | \$32.20 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M. Costs | \$782.40 | Total E.C.M. | \$989.76 | \$899.76 |

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|-----|---|------|-------------------------------|--------------------|--------------|-------------------|
| 101 | Provide sampling connections on AvGas Tanks | 1083 | Project Manager | | 0 | \$0.00 |
| 102 | Numbers 3, 6, 11, and 14 | 1021 | Engineer | \$0.00 | 0 | \$0.00 |
| 103 | Provide sampling connections on Jet A Tanks | 1185 | Tech. Engineer | \$0.00 | 0 | \$0.00 |
| 104 | Numbers 1, 2, 4, 5, 6, 7, 9, 10, 12, and 13 | 1105 | Superintendent | \$0.00 | 0 | \$0.00 |
| 105 | Robert Martinez | 1149 | Foreman | \$0.00 | 0 | \$0.00 |
| 106 | | 1138 | Draftsman | \$57.75 | 4 | \$231.00 |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | \$0.00 | 0 | \$0.00 |
| 109 | Hector Saenz and Mary Martinez - period 12-20-05 through 1-5-06 (AvGas) | 1052 | Craftsman | \$0.00 | 0 | \$0.00 |
| 110 | Two people twenty one hours each, for fourteen total sample connections | 1043 | Mechanical-helper | \$54.13 | 42 | \$2,273.46 |
| 111 | The majority of this work takes place on the top of the west side of the | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 |
| 112 | storage tanks, where the craftsman are required to utilize fall protection. | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | \$0.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 |
| 116 | | 4319 | Training | \$0.00 | 0 | \$0.00 |
| 117 | | 4320 | Training | \$0.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$0.00 | 0 | \$0.00 |
| | | | | Total Labor | 46 | \$2,504.46 |

| # | Description | Name | Type | Mult. | Price |
|-----|-------------|------|----------------|-------|--------|
| 201 | | | Electrical | 1.15 | \$0.00 |
| 202 | | | Mechanical | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 |
| 204 | | | Civil | 1.15 | \$0.00 |
| 205 | | | Gen. Services | 1.15 | \$0.00 |
| 206 | | | Support Groups | 1.15 | \$0.00 |
| 207 | | | Riggers | 1.15 | \$0.00 |
| 208 | | | Equipment | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | 1.15 | \$0.00 |
| 203 | | | | 1.15 | \$0.00 |

| | | | | |
|-----------|-----------------|--------|--------------------------|------------|
| Comments: | Total Subs Cost | \$0.00 | Total Subs | \$0.00 |
| | | | Total E.P.M | \$899.76 |
| | | | Total Labor | \$2,504.46 |
| | | | Total Subs | \$0.00 |
| | | | Travel | \$0.00 |
| | | | Factory Training | \$0.00 |
| | | | Freight | \$0.00 |
| | | | Permits | \$0.00 |
| | | | Carrying Cost (days) | \$0.00 |
| | | | Bonding | \$0.00 |
| | | | TAX @ | \$0.00 |
| | | | TOTAL | \$3,404.22 |
| | | | TOTAL + Retainage Comp @ | \$3,404.22 |
| | | | Additional TOTAL MARK-UP | 0.00% |
| | | | SALES PRICE | \$3,404.22 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, February 02, 2006 3:23 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: CCR-026--AvGas/Jet A Sampling Connection--Revision B

Tom and Mark,

Attached is Revision B to the subject change order. An error was made on the 3/4" ball valve count for the Jet A tanks; that error has been corrected on this revision. We apologize for the error.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For requested change to Provide AvGas Sampling Connection

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the Town to provide a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank, this task has added to the scope of work on the project. The additional cost of construction has been determined as this represents a change to the original bid package.

The Burns & McDonnell trip report, dated 12-19-05 and covering the site visit of 12-16-05 reads:

4. **AvGas sampling connection.** The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch, the hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.
2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$790.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add AvGas Sampling Connection

Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, January 26, 2006 8:57 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: CCR-026 AvGas Sampling Connection

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-026--AvGas Sampling Connection; this requested change was identified in the Burns & McDonnell Trip Report dated 12-19-05, covering the site visit of 12-16-05. The supplier of the materials is Ameripipe. If there are any additional questions, please advise.

The Burns & McDonnell Trip Report is also attached as reference.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thiensch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001
CCR-026 - AvGas Sampling Connection

Date: Thursday, January 28, 2006

Sale Price **\$790.00**
Total Costs **\$757.14**
Gross Margin % **4.16%**
Gross Profit **\$32.86**

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|---|--------|----------|--------------------|--------|------------|--------------|----------|
| 1 | 3/4" x 3/4" short blank seamless carbon steel threaded nipple | NA | American | \$1.10 | 4 | \$4.40 | 1.15 | \$5.06 |
| 2 | 3/4" Sharp carbon steel Ball Valve, threaded | NA | American | \$48.00 | 4 | \$192.00 | 1.15 | \$220.80 |
| 3 | 3/4" carbon steel pipe caps | NA | American | \$1.65 | 4 | \$6.40 | 1.15 | \$7.36 |
| 4 | 3/4" x 3" nipple blank seamless carbon steel, threaded | NA | American | \$1.45 | 4 | \$5.80 | 1.15 | \$6.67 |
| 5 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M. Costs | | \$208.60 | Total E.C.M. | \$239.89 |

Thiensch Engineering LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | |
|-----|---|------|-------------------------------|------------|--------------|----------|----------|
| 101 | Provide sampling connections on AvGas Tanks | 1083 | Project Manager | | 0 | \$0.00 | |
| 102 | Numbers 5, 4, 11, and 14 | 1021 | Engineer | \$0.00 | 0 | \$0.00 | |
| 103 | | 1108 | Tech. Engineer | \$0.00 | 0 | \$0.00 | |
| 104 | | 1105 | Superintendent | \$0.00 | 0 | \$0.00 | |
| 105 | Robert Martinez | 1140 | Foreman | \$0.00 | 0 | \$0.00 | |
| 106 | | 1138 | Draftsman | \$57.75 | 2 | \$115.50 | |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 | |
| 108 | | 1078 | Pipefitter | \$0.00 | 0 | \$0.00 | |
| 109 | Hector Saenz and Mary Martinez-period 12-20-05 through 1-5-06 | 1052 | Craftsman | \$0.00 | 0 | \$0.00 | |
| 110 | Two people four hours each, for four sample connections | 1043 | Mechanical-helper | \$54.13 | 8 | \$433.04 | |
| 111 | | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 | |
| 112 | | 1052 | Structural Welder, Journeyman | \$0.00 | 0 | \$0.00 | |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 | |
| 114 | | 1084 | Laborer / Millwright | \$0.00 | 0 | \$0.00 | |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 | |
| 116 | | 4319 | Training Engineer | \$0.00 | 0 | \$0.00 | |
| 117 | | 4320 | Training Tech | \$0.00 | 0 | \$0.00 | |
| 118 | | 1008 | Documentation Coord. | \$0.00 | 0 | \$0.00 | |
| | | | | #DIV/0! | Total Labor | 10 | \$548.54 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price |
|-----|-------------|------|----------------|--------|--------|
| 201 | | | Electrical | 1.15 | \$0.00 |
| 202 | | | Mechanical | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | \$0.00 |
| 204 | | | Civil | \$0.00 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | \$0.00 |
| 207 | | | Riggers | \$0.00 | \$0.00 |
| 208 | | | Equipment | \$0.00 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | \$0.00 |
| 203 | | | | 1.15 | \$0.00 |

Comments:

Total Subs Cost \$0.00

| | |
|--------------------------|----------------|
| Total E.P.M. | \$0.00 |
| Total Labor | \$239.89 |
| Total Subs | \$548.54 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 0 \$0.00 |
| Bonding | \$0.00 |
| TAX @ | 0.00% \$0.00 |
| TOTAL | \$789.43 |
| TOTAL + Retainage Comp @ | 0.00% \$789.43 |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$789.43 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

**Addison Airport
Bulk Fuel Storage and Dispensing System**

Trip Report

Trip of 12/16/05

Summary

On Friday December 16, 2005, a trip to the project site was made by John Bagnall, Mechanical Engineer and Fuel System Specialist with Burns & McDonnell. The purpose of this trip was to observe and inspect construction progress. A joint construction walk-through was conducted by John Bagnall with Tom Cobb and Larry Day of Washington Group. Observations and recommendations are described below.

Observations and Recommendations

1. Raised face vs. flat face flanges. It was observed that raised face flanges were mated to flat face flanges in a number of locations, utilizing spiral-wound gaskets. The specifications (Section 13061, paragraph 2.05.B) require that flange facings match, e.g. raised face to raised face or flat face to flat face. This is considered a potential problem using spiral-wound gaskets as these gaskets have been observed to come apart (fail) on other projects with dissimilar mating flanges. As a minimum in this case, the gaskets should be replaced with a full face flexible graphite (grafoil) composite type gasket. This applies to anywhere raised face flanges are mated to flat face flanges including the following:
 - a. Both ends of pump flex connectors (2 flex connectors per pump, one gasket each side – 4 locations per tank).
 - b. Both ends of ductile iron control valves (3 valves each tank, one gasket each side – 6 locations per tank).
 - c. Both sides of loading control valve orifice plate (1 valve each tank, one gasket each side of orifice plate – 2 locations per tank).
 - d. Hose connecting flange (2 hoses per tank, one gasket each – 2 locations per tank).

This was discussed with Thielsch in field.

2. Waste tank pump-out. It was observed that at least one of these pump-out lines had been installed, with an "inverted-u" in the piping near where the vacuum truck would connect (east side). This arrangement would make it more difficult to pump out the waste tank as air would potentially be trapped in this piping. One "inverted-u" already will exist at the waste tank connection piping – another is not considered acceptable. Inverted-u at the east side should be eliminated, with camlock hose

connection located within the tank containment area and slightly below the unloading hose rack. This was discussed with Thielsch in field.

3. Drain connection on fuel issue piping. A drain connection including threadolet, elbow, nipples and ball valve is present beneath the east-west oriented fuel issue pipe before the pipe leaves the tank containment area (west end). This drain piping assembly was observed to be parallel to the pipe run, directly underneath the issue pipe in almost every case. This is not considered adequately accessible for maintenance connection – drain pipe should be rotated such that drain connection is not directly below issue pipe. Rotate in direction opposite stair/walkway to prevent tripping hazard. This was discussed with Thielsch in field.
4. AvGas sampling connection. The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch. The hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.
5. Tank vents. All normal tank vents were specified to be equipped with pressure/vacuum vents (Section 13201, paragraph 2.02.J.3 and Section 13204, paragraphs 2.02.G.1 and 2.06). Only rain caps were observed on these vents – P-V vent assemblies shall be installed on all normal tank vents.

Construction Change Order

For requested change to Fire Alarm System Dialer

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

This is in accordance with the request of the town to provide the Auto-Dialer capable of sending voice message directly to the Addison Fire Department. The request, and response by Rabalais Electric, is described in greater detail by the letter of December 21, 2005 Randy Johnson to Rick Normandeau (Thielsch Engineering). Additional information is provided in the letter of 12-21-05, Raymond Patterson (Siemens Fire Safety) to Rabalais Electric. Finally, a "Clarification for Offsite Monitoring" letter, dated 11-27-05—Raymond Patterson (Siemens Fire Safety) to Rabalais Electric, has been provided as reference. This change order addresses the equipment modifications noted in the referenced letters; there is an additional monthly or annual service fee that the Town of Addison will pay to Siemens, upon execution of a service/monitoring agreement.

This change has added to the scope of work, and the additional cost of construction has been determined; this change represents a change to the original bid package:

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$ 3,620.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Fire Alarm System Dialer

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandean@thielsch.com
Sent: Saturday, January 21, 2006 9:45 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Fw: Addison Change Order 027--Fire Alarm System Dialer

Tom and Mark,

Attached is the formal change order document, with cost sheet, for the subject revision to the original bid package related to the Addison Fuel Farm Project.

Also attached is the letter/quotation from Rabalais Electric and Siemens Fire Safety, along with a letter from Siemens related to "Clarification for Offsite Monitoring".



Addison, CCR-027.doc Addison-Change Order 027.xls



pdf.pdf

Rabalais Electric/Siemens Fire Systems



siemens.pdf

Siemens--Clarification for Offsite Monitoring

—

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Friday, January 20, 2006

Sale Price \$3,620.00
Total Costs \$3,146.00
Gross Margin % 13.09%
Gross Profit \$474.00

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|-------------|--------|--------|---------------|--------|---------------------|-------|---------------|
| 1 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 2 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 3 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 4 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | | \$0.00 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|----------------------|-------------|------|-------------------------------|----------------|--------------------|----------|
| 101 | | 1093 | Project Manager | | 0 | \$0.00 |
| 102 | | 1021 | Engineer | | 0 | \$0.00 |
| 103 | | 1108 | Tech. Engineer | | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | | 0 | \$0.00 |
| 105 | | 1140 | Foreman | | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | | 0 | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | | 0 | \$0.00 |
| 116 | | 4319 | Training | Engineer | 0 | \$0.00 |
| 117 | | 4320 | Training | Tech | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | | 0 | \$0.00 |
| MANDAY IMPACT | | | | #DIV/0! | Total Labor | 0 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Total Cost | Mult. | Price |
|------------------------|-------------|------|----------------|-------------------|-------------------|-------------------|
| 201 | | | Electrical | \$3,146.00 | 1.15 | \$3,617.90 |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 |
| Total Subs Cost | | | | \$3,146.00 | Total Subs | \$3,617.90 |

Comments:
Provide Auto-Dialer capable of sending voice message directly to the Addison Fire Department--Rabalais Electric letter--Randy Johnson to Rick Normandeau, dated 1 and Siemens letter dated 12-18-05

| | | |
|--------------------------------------|-------|------------|
| Total E.P.M | | \$0.00 |
| Total Labor | | \$0.00 |
| Total Subs | | \$3,617.90 |
| Travel | | \$0.00 |
| Factory Training | | \$0.00 |
| Freight | | \$0.00 |
| Permits | | \$0.00 |
| Carrying Cost (days) | 0 | \$0.00 |
| Bonding | | \$0.00 |
| TAX @ | 0.00% | \$0.00 |
| TOTAL | | \$3,617.90 |
| Additional + Retainage Comp @ | 0.00% | \$3,617.90 |
| TOTAL MARK-UP | | 0.00% |
| SALES PRICE | | \$3,617.90 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



RABALAIS I&E CONSTRUCTORS

"Working to Achieve the Extraordinary"

INDUSTRIAL & COMMERCIAL ELECTRICAL CONSTRUCTION & MAINTENANCE
PNEUMATIC & ELECTRONIC INSTRUMENTATION CONSTRUCTION & MAINTENANCE
SYSTEMS INTEGRATION & PANEL FABRICATION
24-HOUR SERVICE DEPARTMENT

Main Office
11200 Up River Road
PO Box 10368
Corpus Christi, Texas
78463
(361) 242-3121
FAX (361) 242-2878

Central Texas Office
4343 Diamond Dr.
San Antonio, Texas
78219
(210) 333-1560
FAX (210) 333-1285

North Texas Office
1207 Ave. J East
Grand Prairie, Texas
75050
(972) 647-4181
FAX (972) 622-1250

Website
www.rabalais.com

December 21, 2005

Thielsch Engineering, Inc.
195 Francis Avenue
Cranston, RI 02910-2211

Attn: Mr. Rick Normandeau

Reference: Addison Airport Fuel Farm

Re: Change Order Request ~ Provide Voice Recorded Auto-Dialer for Fire Dept. to Receive Alarm.

Dear Rick,

We wish to quote the price of \$3,146.00 to provide the Auto-Dialer capable of sending voice message directly to the Addison Fire Department. The attached letter from Siemens Building Technologies, Inc. better describes this quotation.

If you have any questions with regard to the above, please contact Randy Johnson at 972-223-2804.

Sincerely,

Randy Johnson
Randy Johnson
Project Manager

SIEMENS

Fire Safety

**Bulk Fuel Storage – Addison Airport UV/IR
Flame Detection System**

REQUEST for INFORMATION

RABALAIS I & E CONSTRUCTORS

3105 Lomita, Suite 101

Lancaster, TX 75146

P: (972) 223-2804

F: (972) 223-2958

From Raymond Patterson

Department **SIEMENS FIRE SAFETY**

Fax **972-751-1194**

Telephone **817-825-0283**

Date: 12/19/05

Project: **Bulk Fuel Storage – Addison Airport – Flame Detection System**

RE: **PRICE CHANGE for FIRE DEPT. DIRECT DIALER**

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Offsite Monitoring: -- Clarifications

Please review the following for additional scope of work for the offsite monitoring of the fire detection system.

The Siemens Building Technologies prepared the contract pricing based on the plans engineered and signed by David Van Fleet, 10/22/04. The drawings and contract documents were prepared by the Washington Group.

The contract drawings provide a statement for the fire alarm system shall contact the Addison Fire Dept. directly on any fire alarm condition.

The plans or specifications do not indicate the type of central station receiving equipment Addison Fire Dept. has to receive these signals, or the type or brand the project requires. Based on information provided at bid time; Siemens provided an industry standard UL listed dialer. The dialer we proposed for this project has the capability to transmit a digital signal to most all UL listed central station receivers. This information has been discussed, reviewed provided to the Project Construction managers, and the Project Owner representatives.

Based on the Fire Alarm plan review:

1. Chief Robbins is requiring the Fire alarm panel to send a direct voice message to the Addison Fire Dept.
2. The reason from the Chief, this is the largest risk in the City, and they do not want to depend on any off site dispatch center.
3. The fire department dispatch center has a dedicated telephone to receive this recorded voice signal.
4. The alarm call must be answered by a person at the dispatch center.
5. The fire department dispatch center cannot receive a digital signal transmitted by any fire alarm panel.

Fire Alarm System Scope impact:

1. This will require an additional special type of digital voice type dialer, which requires an input relay from the fire alarm panel.
2. The installation requires additional relays and timers for test timers and signals.
3. The system requires a pre-recorded voice only.
4. The fire alarm signals that are generated can not provide a record of history.
5. The telephone lines are not monitored for integrity.
6. The signals generated are not recorded for history.
7. Siemens shall provide and install a Sensaphone voice dailer, local timer for test timers and related fire alarm outut relays.

Additional 120vac power and additional space in NCC cabinet required.

Siemens Building Technologies would like to provide the offsite monitoring system for this project.

Please review the above brief description of each system. We can provide the pre-recorded voice system or the off-site remote monitoring system. The voice system shall require additional equipment and cost, the Siemens CMS shall require an annual monitoring agreement only.

Please contact me as soon as possible to resolve this issue.

Siemens Building Technologies, Inc

Fire Safety

8800 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-3044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Please contact me for any question or other clarifications in this matter. I would be more than happy to schedule a meeting for the Project Team at the Siemens CMS for further the discussion.

Thank You,

Raymond Patterson
Project Sale Rep.
Siemens Building Tech.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Bulk Fuel Storage – Addison Airport UV/IR Flame Detection System

REQUEST for INFORMATION

RABALAIS I & E CONSTRUCTORS

3105 Lomita, Suite 101

Lancaster, TX 75146

P: (972) 223-2804

F: (972) 223-2958

From Raymond Patterson

Department **SIEMENS FIRE SAFETY**

Fax **972-751-1194**

Telephone **817-825-0283**

Date: 11/27/05

Project: **Bulk Fuel Storage – Addison Airport – Flame Detection System**

RE: Clarification for Offsite monitoring.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Offsite Monitoring: – Clarifications

Please review the following for clarification and additional scope of work for the offsite monitoring of the fire detection system.

The Siemens Building Technologies prepared the contract pricing based on the plans engineered and signed by David Van Fleet, 10/22/04. The drawings and contract documents were prepared by the Washington Group.

The contract drawings provide a statement for the fire alarm system shall contact the Addison Fire Dept. directly on any fire alarm condition.

The plans or specifications do not indicate the type of central station receiving equipment Addison Fire Dept. has to receive these signals, or the type or brand the project requires. Based on information provided at bid time, Siemens provided an industry standard UL listed dialer. The dialer we proposed for this project has the capability to transmit a digital signal to most all UL listed central station receivers. This information has been discussed, reviewed provided to the Project Construction managers, and the Project Owner representatives.

Based on the Fire Alarm plan review:

1. Chief Robbins is requiring the Fire alarm panel to send a direct voice message to the Addison Fire Dept.
2. The reason from the Chief, this is the largest risk in the City, and they do not want to depend on any off site dispatch center.
3. The fire department dispatch center has a dedicated telephone to receive this recorded voice signal.
4. The alarm call must be answered by a person at the dispatch center.
5. The fire department dispatch center cannot receive a digital signal transmitted by any fire alarm panel.
6. Of the local fire departments that receive direct fire alarm signals, they all have the UL listed digital receiving equipment.

Fire Alarm System Scope impact:

1. This will require an additional special type of digital voice type dialer, which requires an input relay from the fire alarm panel.
2. The installation requires additional relays and timers for test timers and signals.
3. The system requires a pre-recorded voice only.
4. The fire alarm signals that are generated can not provide a record of history.
5. The telephone lines are not monitored for integrity.
6. The signals generated are not recorded for history.

Siemens Fire Alarm Systems Plans and Contract:

1. Siemens has been asked many times during this project about the sequence of operations.
2. We have stated the fire alarm panel will send digital signals to a UL listed monitoring station.
3. Upon receipt of any alarm, trouble or supervisory condition the central station dispatcher will contact the local authority, owner or managers as required for the signals. This is live verbal communications, which is on a recorded line.
4. The dispatchers contact every one on the alarm and maintenance list until answered, are left on all recordings.
5. All events are recorded for tracking and project history.
6. The dialer will send out test timers to verify the telephone line integrity.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Scope Impact: Requires an annual monitoring contact, \$ 420.00 annually.

Siemens Central Monitoring Station, Irving Texas.

1. Siemens CMS is located in Irving, Texas, with a backup site in the Washington DC area.
2. The UL listed Siemens CMS is approved for ALL fire and security system monitoring.
3. The CMS is dedicated to commercial and industrial clients only, no residential homes.
4. The CMS has many high profile, high risk and government facilities monitored for security, access and fire.
5. The CMS can assist with site access control management and other fire and security type services.
6. The signals that received at the CMS are logged, recorded and stored for project history if needed.
7. The CMS has dedicated trained employees to the different process at the center.

Siemens Building Technologies would like to provide the offsite monitoring system for this project.

Please review the above brief description of each system. We can provide the pre-recorded voice system or the off-site remote monitoring system. The voice system shall require additional equipment and cost, the Siemens CMS shall require an annual monitoring agreement only.

Please contact me as soon as possible to resolve this issue.

Please contact me for any question or other clarifications in this matter. I would be more than happy to schedule a meeting for the Project Team at the Siemens CMS for further the discussion.

Thank You,

Raymond Patterson
Project Sale Rep.
Siemens Building Tech.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

Construction Change Order**For requested change to Fire Alarm System Dialer****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

This is in accordance with the request of the town to provide the Auto-Dialer capable of sending voice message directly to the Addison Fire Department. The request, and response by Rabalais Electric, is described in greater detail by the letter of December 21, 2005 Randy Johnson to Rick Normandeau (Thielsch Engineering). Additional information is provided in the letter of 12-21-05, Raymond Patterson (Siemens Fire Safety) to Rabalais Electric. Finally, a "Clarification for Offsite Monitoring" letter, dated 11-27-05—Raymond Patterson (Siemens Fire Safety) to Rabalais Electric, has been provided as reference. This change order addresses the equipment modifications noted in the referenced letters; there is an additional monthly or annual service fee that the Town of Addison will pay to Siemens, upon execution of a service/monitoring agreement.

This change has added to the scope of work, and the additional cost of construction has been determined; this change represents a change to the original bid package:

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of \$ **3,620.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

Confidential

CCR-027

For requested change to Fire Alarm System Dialer

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Saturday, January 21, 2006 9:45 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Fw: Addison Change Order 027--Fire Alarm System Dialer

Tom and Mark,

Attached is the formal change order document, with cost sheet, for the subject revision to the original bid package related to the Addison Fuel Farm Project.

Also attached is the letter/quotation from Rabalais Electric and Siemens Fire Safety, along with a letter from Siemens related to "Clarification for Offsite Monitoring".



Addison, CCR-027.doc Addison-Change Order 027.xls



pdf.pdf

Rabalais Electric/Siemens Fire Systems



siemens.pdf

Siemens--Clarification for Offsite Monitoring

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001
CCR-027 - Fire Alarm System Dialer Modifications

Date: Friday, January 20, 2006

Sale Price \$3,620.00
Total Costs \$3,148.00
Gross Margin % 13.03%
Gross Profit \$474.00

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|-------------|--------|--------|---------------|--------|---------------------|-------|---------------|
| 1 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 2 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 3 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 4 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 5 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | | \$0.00 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | |
|----------------------|-------------|------|-------------------------------|----------------|--------------------|----------|---------------|
| 101 | | 1083 | Project Manager | | 0 | \$0.00 | |
| 102 | | 1021 | Engineer | | 0 | \$0.00 | |
| 103 | | 1105 | Tech. Engineer | | 0 | \$0.00 | |
| 104 | | 1105 | Superintendent | | 0 | \$0.00 | |
| 105 | | 1140 | Foreman | | 0 | \$0.00 | |
| 106 | | 1138 | Draftsman | | 0 | \$0.00 | |
| 107 | | 1111 | Welder-Pipe | | 0 | \$0.00 | |
| 108 | | 1076 | Pipefitter | | 0 | \$0.00 | |
| 109 | | 1052 | Mechanic | | 0 | \$0.00 | |
| 110 | | 1043 | Mechanical-helper | | 0 | \$0.00 | |
| 111 | | 1112 | Structural Welder | | 0 | \$0.00 | |
| 112 | | 1052 | Structural Welder- Journeyman | | 0 | \$0.00 | |
| 113 | | 1113 | Welder-Helper | | 0 | \$0.00 | |
| 114 | | 1084 | Laborer / Millwright | | 0 | \$0.00 | |
| 115 | | 1043 | Shop Weld Labor | | 0 | \$0.00 | |
| 116 | | 4319 | Training | Engineer | 0 | \$0.00 | |
| 117 | | 4320 | Training | Tech | 0 | \$0.00 | |
| 118 | | 1098 | Documentation Coord. | | 0 | \$0.00 | |
| MANDAY IMPACT | | | | #DIV/0! | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Total Cost | Mult. | Price |
|------------------------|---------------------------|------|----------------|-------------------|-------------------|-------------------|
| 201 | Siemens/Rabalais Electric | | Electrical | \$3,148.00 | 1.15 | \$3,617.90 |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 |
| 204 | | | Chd | \$0.00 | 1.15 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 |
| Total Subs Cost | | | | \$3,148.00 | Total Subs | \$3,617.90 |

Comments:
Provide Auto-Dialer capable of sending voice message directly to the Addison Fire Department--Rabalais Electric letter--Randy Johnson to Rick Normandeau, dated 1 and Siemens letter dated 12-19-05

| | |
|--------------------------|------------|
| Total E.P.M | \$0.00 |
| Total Labor | \$0.00 |
| Total Subs | \$3,617.90 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 0 |
| Bonding | \$0.00 |
| TAX @ | 0.00% |
| TOTAL | \$3,617.90 |
| TOTAL + Retainage Comp @ | 0.00% |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$3,617.90 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



KABALAIS I&E CONSTRUCTORS

"Working to Achieve the Extraordinary"

INDUSTRIAL & COMMERCIAL ELECTRICAL CONSTRUCTION & MAINTENANCE
PNEUMATIC & ELECTRONIC INSTRUMENTATION CONSTRUCTION & MAINTENANCE
SYSTEMS INTEGRATION & PANEL FABRICATION
24-HOUR SERVICE DEPARTMENT

Main Office
11200 Up River Road
PO Box 10369
Corpus Christi, Texas 78463
(361) 242-3121
FAX (361) 242-2674

Central Texas Office
4343 Dieland Dr.
San Antonio, Texas 78219
(210) 333-1560
FAX (210) 333-1295

North Texas Office
1207 Ave. J East
Grand Prairie, Texas 75050
(972) 447-4181
FAX (972) 422-1150

Website
www.rabalais.com

December 21, 2005

Thielsch Engineering, Inc.
195 Francis Avenue
Cranston, RI 02910-2211

Attn: Mr. Rick Normandeau

Reference: Addison Airport Fuel Farm

Re: Change Order Request ~ Provide Voice Recorded Auto-Dialer for Fire Dept. to Receive Alarm.

Dear Rick,

We wish to quote the price of \$3,146.00 to provide the Auto-Dialer capable of sending voice message directly to the Addison Fire Department. The attached letter from Siemens Building Technologies, Inc. better describes this quotation.

If you have any questions with regard to the above, please contact Randy Johnson at 972-223-2804.

Sincerely,

Randy Johnson
Project Manager

Dec 21 05 11:15a

Rabalais IE

972 223 2958

P-2

SIEMENS

Fire Safety

**Bulk Fuel Storage – Addison Airport UV/IR
Flame Detection System**

REQUEST for INFORMATION

RABALAIS I & E CONSTRUCTORS
3105 Lomita, Suite 101
Lancaster, TX 75146
P: (972) 223-2804
F: (972) 223-2958

From Raymond Patterson
Department **SIEMENS FIRE SAFETY**
Fax **972-751-1194**
Telephone **817-825-0283**

Date: 12/19/05

Project: **Bulk Fuel Storage – Addison Airport – Flame Detection System**

RE: **PRICE CHANGE for FIRE DEPT. DIRECT DIALER**

Siemens Building Technologies, Inc

Fire Safety

8800 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Offsite Monitoring: - Clarifications

Please review the following for additional scope of work for the offsite monitoring of the fire detection system.

The Siemens Building Technologies prepared the contract pricing based on the plans engineered and signed by David Van Fleet, 10/22/04. The drawings and contract documents were prepared by the Washington Group.

The contract drawings provide a statement for the fire alarm system shall contact the Addison Fire Dept. directly on any fire alarm condition.

The plans or specifications do not indicate the type of central station receiving equipment Addison Fire Dept. has to receive these signals, or the type or brand the project requires. Based on information provided at bid time, Siemens provided an industry standard UL listed dialer. The dialer we proposed for this project has the capability to transmit a digital signal to most all UL listed central station receivers. This information has been discussed, reviewed provided to the Project Construction managers, and the Project Owner representatives.

Based on the Fire Alarm plan review:

1. Chief Robbins is requiring the Fire alarm panel to send a direct voice message to the Addison Fire Dept.
2. The reason from the Chief, this is the largest risk in the City, and they do not want to depend on any off site dispatch center.
3. The fire department dispatch center has a dedicated telephone to receive this recorded voice signal.
4. The alarm call must be answered by a person at the dispatch center.
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Fire Alarm System Scope impact:

1. This will require an additional special type of digital voice type dialer, which requires an input relay from the fire alarm panel.
2. The installation requires additional relays and timers for test timers and signals.
3. The system requires a pre-recorded voice only.
4. The fire alarm signals that are generated can not provide a record of history.
5. The telephone lines are not monitored for integrity.
6. The signals generated are not recorded for history.
7. Siemens shall provide and install a Sensaphone voice dailer, local timer for test timers and related fire alarm outut relays.

Additional 120vac power and additional space in NCC cabinet required.

Siemens Building Technoloiges would like to provide the offsite monitoring system for this project.

Please review the above brief description of each system. We can provide the pre-recorded voice system or the off-site remote monitoring system. The voice system shall require additional equipment and cost, the Siemens CMS shall require an annual monitoring agreement only.

Please contact me as soon as possible to resolve this issue.

Siemens Building Technologies, Inc

Fire Safety

8800 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

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Thank You,

Raymond Patterson
Project Sale Rep.
Siemens Building Tech.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75053

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Bulk Fuel Storage – Addison Airport UV/IR Flame Detection System

REQUEST for INFORMATION

RABALAIS I & E CONSTRUCTORS
3105 Lomita, Suite 101
Lancaster, TX 75146
P: (972) 223-2804
F: (972) 223-2958

From Raymond Patterson
Department **SIEMENS FIRE SAFETY**
Fax **972-751-1194**
Telephone **817-825-0283**

Date: 11/27/05

Project: **Bulk Fuel Storage – Addison Airport – Flame Detection System**

RE: Clarification for Offsite monitoring.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

Fire Safety

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Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

2 of 3

Fire Safety

SIEMENS

Scope Impact: Requires an annual monitoring contact, \$ 420.00 annually.

Siemens Central Monitoring Station, Irving Texas.

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Raymond Patterson
Project Sale Rep.
Siemens Building Tech.

Construction Change Order

For requested change to Fire Alarm System Dialer

05-02 Bulk Fuel Storage and Dispensing System

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 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Fire Alarm System Dialer

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Saturday, January 21, 2006 9:45 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Fw: Addison Change Order 027--Fire Alarm System Dialer

Tom and Mark,

Attached is the formal change order document, with cost sheet, for the subject revision to the original bid package related to the Addison Fuel Farm Project.

Also attached is the letter/quotation from Rabalais Electric and Siemens Fire Safety, along with a letter from Siemens related to "Clarification for Offsite Monitoring".



Addison, CCR-027.doc Addison--Change Order 027.xls



pdf.pdf

Rabalais Electric/Siemens Fire Systems



siemens.pdf

Siemens--Clarification for Offsite Monitoring

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

CCR-027 - Fire Alarm System Dialer Modifications

Date: Friday, January 20, 2008

Contract Type: Construction Change Request

Sale Price \$3,620.00
Total Costs \$3,146.00
Gross Margin % 13.09%
Gross Profit \$474.00

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|-------------|--------|--------|---------------|--------|---------------------|---------------|---------------|
| 1 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 2 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
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| 12 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | \$0.00 | \$0.00 |

TEI LABOR SERVICES

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|----------------------|-------------|------------------------------------|----------------|--------------------|--------------|---------------|
| 101 | | 1083 Project Manager | | | 0 | \$0.00 |
| 102 | | 1021 Engineer | | | 0 | \$0.00 |
| 103 | | 1108 Tech. Engineer | | | 0 | \$0.00 |
| 104 | | 1105 Superintendent | | | 0 | \$0.00 |
| 105 | | 1140 Foreman | | | 0 | \$0.00 |
| 106 | | 1136 Draftsman | | | 0 | \$0.00 |
| 107 | | 1111 Welder-Pipe | | | 0 | \$0.00 |
| 108 | | 1078 Pipefitter | | | 0 | \$0.00 |
| 109 | | 1052 Mechanic | | | 0 | \$0.00 |
| 110 | | 1043 Mechanical-Helper | | | 0 | \$0.00 |
| 111 | | 1112 Structural Welder | | | 0 | \$0.00 |
| 112 | | 1052 Structural Welder- Journeyman | | | 0 | \$0.00 |
| 113 | | 1113 Welder-Helper | | | 0 | \$0.00 |
| 114 | | 1084 Laborer / Millwright | | | 0 | \$0.00 |
| 115 | | 1043 Shop Weld Labor | | | 0 | \$0.00 |
| 116 | | 4319 Training | Engineer | | 0 | \$0.00 |
| 117 | | 4320 Training | Tech | | 0 | \$0.00 |
| 118 | | 1008 Documentation Coord. | | | 0 | \$0.00 |
| MANDAY IMPACT | | | #DIV/0! | Total Labor | 0 | \$0.00 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Total Subs Cost | Total Subs | Price |
|------------------------|----------------------------|------|----------------|-------------------|-------------------|-------------------|
| 201 | Stiemens/Rabalais Electric | | Electrical | \$3,146.00 | 1.15 | \$3,617.90 |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 |
| Total Subs Cost | | | | \$3,146.00 | Total Subs | \$3,617.90 |

Comments:
Provide Auto-Dialer capable of sending voice message directly to the Addison Fire Department—Rabalais Electric letter—Randy Johnson to Rick Normandeau, dated 1 and Stiemens letter dated 12-19-05

| | |
|--------------------------|------------|
| Total E.P.M | \$0.00 |
| Total Labor | \$0.00 |
| Total Subs | \$3,617.90 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 0 |
| Bonding | \$0.00 |
| TAX @ | 0.00% |
| TOTAL | \$3,617.90 |
| TOTAL + Retainage Comp @ | 0.00% |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$3,617.90 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



KABALAIS I&E CONSTRUCTORS

"Working to Achieve the Extraordinary"

INDUSTRIAL & COMMERCIAL ELECTRICAL CONSTRUCTION & MAINTENANCE
PNEUMATIC & ELECTRONIC INSTRUMENTATION CONSTRUCTION & MAINTENANCE
SYSTEMS INTEGRATION & PANEL FABRICATION
24-HOUR SERVICE DEPARTMENT

Main Office
11200 Up River Road
PO Box 10368
Corpus Christi, Texas
78460
(361) 242-3121
FAX (361) 242-2676

Central Texas Office
4343 Dinkland Dr.
San Antonio, Texas
78219
(210) 313-1560
FAX (210) 313-1295

North Texas Office
1207 Ave. J East
Grand Prairie, Texas
76050
(972) 647-4181
FAX (972) 622-1250

Website
www.rabalais.com

December 21, 2005

Thielsch Engineering, Inc.
195 Francès Avenue
Cranston, RI 02910-2211

Attn: Mr. Rick Normandeau

Reference: Addison Airport Fuel Farm

Re: Change Order Request ~ Provide Voice Recorded Auto-Dialer for Fire Dept. to Receive Alarm.

Dear Rick,

We wish to quote the price of \$3,146.00 to provide the Auto-Dialer capable of sending voice message directly to the Addison Fire Department. The attached letter from Siemens Building Technologies, Inc. better describes this quotation.

If you have any questions with regard to the above, please contact Randy Johnson at 972-223-2804.

Sincerely,

Randy Johnson
Project Manager

SIEMENS

Fire Safety

**Bulk Fuel Storage – Addison Airport UV/IR
Flame Detection System**

REQUEST for INFORMATION

RABALAIS I & E CONSTRUCTORS

3105 Lomita, Suite 101

Lancaster, TX 75146

P: (972) 223-2804

F: (972) 223-2958

From Raymond Patterson

Department **SIEMENS FIRE SAFETY**

Fax **972-751-1194**

Telephone **817-825-0283**

Date: 12/19/05

Project: Bulk Fuel Storage – Addison Airport – Flame Detection System

RE: PRICE CHANGE for FIRE DEPT. DIRECT DIALER

Siemens Building Technologies, Inc

Fire Safety

8800 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

CCR SUMMARY

CCR-001 – Add 10 relaxation chambers

Summary:

Add a second relaxation chamber, butterfly valves and associated flanges to each of 10 Jet-A systems. No piping rework required. These additional chambers were not originally shown in the contract documents.

Issues:

1. TEI estimates 20 butterfly valves were required, WGI estimates only 10 valves and therefore fewer connecting flanges.
2. ACTION: TEI / Town should confirm actual quantities installed.

CCR-002 – Chain link fence upgrade

Summary:

Change from fencing per Contract Documents to a TexDOT-compliant fence style. New fence has shorter post spacing and additional top/bottom rails.

Issues:

1. TEI estimates 770' of fencing, WGI indicated 519'. Actual fencing length was measured to be 513'.
2. ACTION: TEI / Able Concrete shall provide invoices and backup data for the actual fencing returns and purchases. All prices should be based on 513' of installed fencing.

CCR-003 – Additional conduit for second meter control station

Summary:

Conduit and wiring runs for the second meter control station were not indicated on the Contract Documents.

Issues:

1. ACTION: TEI should provide detailed breakdown from electrical subconsultant to verify lengths, quantities, MHs, etc.

CCR-006 – Modify draw-off pumps

Summary:

Change from the specified hand operated pumps (with 4 feet of suction lift) to new pumps with 12 feet of suction lift. Credit was provided for the original, returned pumps.

Issues:

1. TEI estimates that the new pumps cost more than the specified ones, while WGI estimates that the new pumps are cheaper and a credit is due.
2. ACTION: TEI should submit invoices for the original pump quoted and the actual pumps purchased to verify their costs.

CCR-007 – Modify conduit under tanks

Summary:

Per WGI emails during construction, the tanks were shifted to avoid already-installed electrical stub-ups. This design change also required shifting the tank support saddles, which then required relocation / reinstallation of numerous explosion proof fittings.

Issues:

1. Electrical subconsultant estimates that the work took 276 MH to complete, while the WGI estimates 99 MH to complete. This is the major difference between the estimates.
2. ACTION: TEI should submit actual invoices from subs for this work.

CCR-010 – Relocate filter/separators

Summary:

An engineering change was made to the original design to relocate the filter/separators at each pump discharge area. TEI had pre-fabricated most of the connecting piping spools prior to this change, and these materials were already delivered to the site. TEI performed the off-site pre-fabrication as a cost-saving measure.

Issues:

1. A detailed drawing was not provided to TEI detailing this change?
2. TEI's price includes numerous MHs for re-engineering, redesign, meetings, and field work for PM and engineer workers. These MHs seem excessive and could be viewed as "the cost of doing business" in dealing with this change. Are these MHs for the contract time extension only? Were these individuals on site for all extra 21 days?
3. The proposed MHs for the actual pipe fitters and welders probably include some of the planning and redesign as well. Their MHs are high (1200 total) but more understandable than those for admin and in-office redesign.
4. If PM and engineer MHs are reduced, then overall TEI's proposed costs seem reasonable.

CCR-012 – Added conduits per RFI #7

Summary:

The response to RFI #7 resulted in conduits being added to the scope of work.

Issues:

1. ACTION: TEI should submit detailed breakdown of electrical subconsultant's proposal for this work.

CCR-022 – Oil/water separator (OWS) discharge design

Summary:

Based on the approved OWS shop drawing, WGI recommended a different outfall tie-in point to the sewer line. This approach required on-site surveys and investigations (“potholing”) to determine the exact tie-in point and proper invert elevation. Subsequent to this on-site work, a simpler solution was proposed by TEI and accepted. The contract documents provide details of the outfall pipe routing, but minimal details of the OWS itself.

Issues:

1. This is a typical in-field coordination issue between a shop-fabricated item and existing utilities. The inlet and outlet configurations and dimensions can vary widely between OWS manufacturers. The coordination responsibility is shared between the Contractor and the Engineer who reviews the shop drawings.
2. WGI approved the OWS shop drawing and recommended a different connection point for the outfall line. The investigative work associated with this revision was performed by TEI. This CCR deals primarily with the costs of this investigation.
3. Because TEI was following WGI's recommendation, these costs seem legitimate.
4. ACTION: TEI should provide invoices from all subs associated with this work.

CCR-026 – Additional sampling connections

Summary:

Per request of the FBOs, TEI was directed to install sampling connections at each of the tank water drawoff systems. This consisted of ¾” size fittings and ball valve which were installed downstream of each hand pump. Existing hose assemblies were connected to the sampling connection whenever this operation was required.

Issues:

1. Although listed as an unresolved CCR item, per WGI's letter of June 5, 2006, TEI's proposal of \$3410 was accepted.
2. No action required, but the \$3410 cost seems reasonable regardless.

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 7:51 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 001--Additional Cost Information

Tom and Mark,

As requested, additional support documentation is provided in the attachments; these invoices--from White Tucker and from Nationsrent--match the line item costs in the change order document submitted on 10-27-05.

NATIONSRENT #104-PLANO

2801 ARCHERWOOD
 PLANO, TX 75074
 Phone 972-881-1330
 Fax 972-881-1076
 MON-SAT 7AM-5PM

Invoice # 820663-0001
 Invoice Date 8/22/05

Entered By
 Closed By CYCLE BILL
 Salesman 36409 ECHOVARRIA, JOE R

4 WEEK BILL

Remit To: NationsRent, P.O. BOX 846163 DALLAS, TX 75284-6163

| | | | | | | | |
|-----------------|--|--------|--------|------------|--------------|-------------|---------|
| Customer Number | 3036674 | P.O. # | 117481 | Job # | J.B. | Date Out | 8/03/05 |
| Customer Name | THIELSCH ENGINEERING INC ATTENTION MELISSA ROMANO 195 FRANCES AVENUE CRANSTON, RI 02910 | | | Office # | 972-233-1222 | Time Out | 8:00 AM |
| | | | | Job # | 512-320-8845 | Billed Thru | 8/31/05 |
| Job Address | ADDISON AIRPORT 15700 ADDISON RD D4-Y ADDISON, TX 75001 | | | Ordered By | JB, | | |
| | | | | | | | |

| Qty | Equipment # | Min | Day | Week | 4 Week | Amount |
|-----|-------------|-----|-----|------|--------|--------|
|-----|-------------|-----|-----|------|--------|--------|

1 FORKLIFT 42' EXTENDABOOM 8000 350.00 350.00 975.00 2400.00 2232.00
 278570 Make: SKYTRAK Model: 8042 Ser #: 0160006328
 HR OUT: 464.00 HR IN: TOTAL: 464.00
 Salesman rates

FOX TANKS?

SALES ITEMS:

| Qty | Item number | Unit | Price | Amount |
|-----|----------------------|------|--------|--------|
| 1 | ENVIRONMENTAL CHARGE | EA | 15.000 | 15.00 |

DELIVERY CHARGE 60.00

PICKUP CHARGE VENDOR # 703961 60.00

Ob j.b. 214-662-2608
 db wayne

APPROVED _____

DATE _____

ACCT # 8/03/05 THRU 8/31/05 08:00 AM

ENTERED _____

LAB # _____

TAX _____

Mar to Rich 11/16

Sub-total: 2367.00
 Damage waiver: 323.64
 Tax: 221.99
 Total: 2912.63

BILLED FOR FOUR WEEKS

never need this

MARIE
 THIELSCH ENGINEERING INC

Kimberly Stewart
 401-461-3020

*INUS

By customer demand, NationsRent delivers this equipment to customer's agent at the customer's designated site, and makes available the opportunity for immediate operator familiarization training. Customer is cautioned to accept the Company's Offer for operator familiarization training and to avoid all opportunities where untrained persons may cause this equipment to be used or operated. The customer's signature on this Rental Contract indicates their understanding of and acceptance of responsibility for operator training requirements as required by applicable local, state and federal regulations.

REMIT TO:
 NationsRent
 P.O. BOX 846163
 DALLAS, TX 75284-6163

Delivered By _____ Date _____

Due Upon Receipt The Total Amount set forth above is estimated based on the Due Date and single shift usage.

NationsRent agree to waive certain damages to the Customer that are provided for on the reverse side of this Contract, in consideration of the customer paying the Damage Waiver fee on the face of this Contract.

Damage Waiver Declined _____ DAMAGE WAIVER CAN ONLY BE DECLINED IF A CERTIFICATE OF INSURANCE IS ON FILE

I HAVE READ AND AGREE TO ALL OF THE TERMS AND CONDITIONS ON THE FRONT AND REVERSE SIDE OF THIS CONTRACT. I ACKNOWLEDGE RECEIPT OF THE EQUIPMENT DELIVERED IN GOOD ORDER AND A COPY OF THIS CONTRACT. IF OTHER THAN CUSTOMER, SIGNER REPRESENTS THAT THEY ARE THE AGENT OF, AND AUTHORIZED TO SIGN FOR CUSTOMER, THIS CONTRACT REPRESENTS THE ENTIRE AGREEMENT BETWEEN YOU AND US, AND THERE ARE NO ORAL OR OTHER REPRESENTATIONS OR AGREEMENTS NOT INCLUDED HEREIN. NONE OF THE TERMS OR CONDITIONS OF THIS CONTRACT MAY BE AMENDED OR MODIFIED, EXCEPT IN WRITING SIGNED BY COMPANY AND CUSTOMER, AND MADE A PART OF THIS CONTRACT. CUSTOMERS WILL BE CHARGED FOR ALL TIRE REPAIR OR REPLACEMENT AND FOR RETURNING EQUIPMENT WITH A FULL TANK OF FUEL. CUSTOMER HEREBY AUTHORIZES COMPANY TO SEND ADVERTISEMENTS AND SOLICITATIONS TO CUSTOMER BY PAPER, TELEPHONE, TRANSMISSION OR OTHERWISE. RENTAL RATES BASED ON 8 WORKING HOURS PER DAY, 40 HOURS PER WEEK, 100 HOURS PER FOUR WEEK PERIOD. OVERTIME CHARGED ON OVERTAGES.

Customer Signature _____ Date _____

Page: 1



HOUSTON, TEXAS 77041
 PHONE (713) 928-2801
 FAX (713) 926-5714

INVOICE NUMBER

2009661-29

THIENG

BILL THIELSCH ENGINEERING, INC
 TO: C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

SHIP TO: THIELSCH ENGINEERING, INC
 C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

| INVOICE NUMBER | SLSMN | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE |
|----------------|-------|------------|-------|----------------------|----------|
| 2009661-29 | 210 | 06/21/05 | 256 | 116308 | 09/20/05 |

| INSTRUCTIONS | | FRT. | PAGE NO. |
|--------------|--|------|----------|
| | | B | 1 |

| QUANTITY ORDERED | QUANTITY SHIPPED | SO DISC | ITEM CODE AND DESCRIPTION | UM | UNIT PRICE | AMOUNT |
|------------------|------------------|---------|---------------------------------------|----|------------|---------|
| 14 | 14 | | 1004D2-0402 ENG SYS API CPLR VITON | EA | 515.00 | 7210.00 |
| 14 | 0 | C | 1004D2-0402 ENG SYS API CPLR VITON | EA | 515.00 | 0.00 |

VENDOR # 003946

APPROVED *Rhovan*

DATE 10/2/05

ACCT # 41-05-0015

ENTERED

LAB #

FAX

*MR TO MR/Rick
9/27*

RECEIVED
 OCT - 5 2005
 ACCOUNTING

*** THIS IS YOUR INVOICE ***

7,210.00

- CODE EXPLANATION
- * - STATE TAX APPLICABLE
 - # - FED/OTHER TAX APPLICABLE
 - + - STATE & FEDERAL TAX APPL.
 - B - BALANCE BACK ORDERED
 - O - CONSIDER COMPLETE
 - D - DIRECT SHIPMENT
 - F - FACTORY MINIMUM
 - R - RETURNED CYL

| FREIGHT TOTAL | |
|---------------|--|
| | |

NET TERMS: INV 10 DUE: 09/30/05

| | |
|----------------|------|
| SUB TOTAL | |
| FREIGHT TOTAL | |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | |

TOTAL AMT DUE
 7,210.00

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

COPY ORIGINAL



13895 WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 926-5714

THIENG

INVOICE NUMBER

2009187-0005-02

BILL THIELSCH ENGINEERING, INC
TO: C. GIRADD
195 FRANCES AVENUE
CRANSTON RI 02910

SHIP TO: THIELSCH ENGINEERING
195 FRANCES AVENUE
CRANSTON RI 02910
115492

| INVOICE NUMBER | ORDER DATE | TAXER | CUSTOMER P.O. NUMBER | DATE | |
|-----------------|------------|-------|----------------------|----------|----------|
| 2009187-0005-02 | 04/13/05 | 252 | 115492 | 09/20/05 | |
| INSTRUCTIONS | | | | FRT. | PAGE NO. |
| | | | | B | 1 |

| QUANTITY | UNIT | ITEM CODE AND DESCRIPTION | UNIT PRICE | AMOUNT |
|----------|------|---|------------|----------|
| 30 | 23 | 7 B* *F1LCSSFH10L SURE SEAL 3IN BUTTERFLY VALVE, W HANDLE | UT 340.00 | 2380.00 |
| 4 | | * *F1LCSSFFSD SURE SEAL BUTTERFLY VALVE W/LIMIT SWITCH | UT 549.00 | 2196.00 |
| 50 | 50 | * *F1LCSSFH10L4 SURE SEAL 4IN BUTTERFLY VALVE W/HANDLE | UT 404.00 | 20200.00 |

- 80346
VENDOR #
APPROVED R Howard
DATE 10/2/05
ACCT # 48 05-0025
ENTERED
LAB #
PAID TO MR/ Rich
9/27

RECEIVED

OCT - 5 2005

ACCOUNTING

24776.00

CODE EXPLANATION
 * - STATE TAX APPLICABLE C - OTHER TAX APPLICABLE
 # - FED. OTHER TAX APPLICABLE D - DIRECT TAX APPLICABLE
 - STATE & FEDERAL TAX APPL. F - FACTORY WARRANTY
 B - BALANCE BACK ORDERED G - RETURNED C/O

NET TERMS: INV 10 DUE: 09/30/05

| | |
|----------------|------|
| SUB TOTAL | |
| FREIGHT TOTAL | |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | |

TOTAL AMT DUE
24776.00

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

COPY
ORIGINAL

CH



WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 928-5714

INVOICE NUMBER

2009661-0027-02

THIENG

RECEIVED

BILLTHIELSCH ENGINEERING, INC SEP 19 2005 SHIP TO: THIELSCH ENGINEERING, INC
 TO: C. GIRADO TO: C. GIRADO
 195 FRANCES AVENUE 195 FRANCES AVENUE
 CRANSTON RI 02910 CRANSTON RI 02910
 116308

| INVOICE NUMBER | SLSMN | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE |
|-----------------|-------|------------|-------|----------------------|----------|
| 2009661-0027-02 | 210 | 06/21/05 | 256 | 116308 | 09/16/05 |

| INSTRUCTIONS | FRT. | PAGE NO. |
|--------------|------|----------|
| | B | 1 |

| ORDERED | QTY | SHIPPED | RO DISP | ITEM CODE AND DESCRIPTION | UM | UNIT PRICE | AMOUNT |
|---------|-----|---------|---------|---|----|------------|----------|
| 5 | | 5 | | *GTP616B-Z045755 GAMMON SUMP SEPARATOR 50 GAL 120 VAC 60 HZ 1/2 HP EXP | UT | 5844.23 | 29221.15 |

VENDOR # 003944
 APPROVED [Signature]
 DATE 9/26/05
 ACCT # 41-05-0015
 ENTERED _____
 LAB # _____
 TAX _____
MU TO MR 9/19
COPY

rec'd back 9/27
 ✓

*** THIS IS YOUR INVOICE ***

CODE EXPLANATION
 STATE TAX APPLICABLE C - CONSIDER COMPLETE
 FED. OTHER TAX APPLICABLE D - DIRECT SHIPMENT
 STATE & FEDERAL TAX APPL. F - FACTORY PREMIUM
 BALANCE BACK ORDERED R - RETURNED CYL.

RECEIVED
 FREIGHT OUT

NET TERMS: INV 10 DUE: 09/26/05

*** ORDER COMPLETED ***

| | |
|----------------|----------|
| SUB TOTAL | 29221.15 |
| FREIGHT TOTAL | |
| STATE TAX | |
| PAYMENT REC'D. | 0.00 |

TOTAL AMT DUE 29221.15

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

ORIGINAL



WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 926-5714

INVOICE NUMBER

2010005-02

THIENG

BILL THIELSCH ENGINEERING, INC
TO: C. GIRADO
195 FRANCIS AVENUE
CRANSTON RI 02910

SHIP THIELSCH ENGINEERING, INC
TO: WILL CALL
X
X X X

| INVOICE NUMBER | SLSMN | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE | |
|----------------|-------|------------|-------|----------------------|----------|---------|
| 2010005-02 | 210 | 08/09/05 | 256 | 117603 | 09/15/05 | |
| INSTRUCTIONS | | | | | FRT | PAGE NO |
| WILL CALL | | | | | B | 1 |
| THANK YOU | | | | | | |

| ORDERED | QUANTITY | SHIPPED | ITEM CODE AND DESCRIPTION | U/M | UNIT PRICE | AMOUNT |
|---------|----------|---------|---|-----|------------|---------|
| 1 | 1 | 1 | *MB5150200AC MORRISON BROS 2IN 15 GAL REMOTE AST SPILL CONTNR FML NPT | UT | 456.36 | 456.36 |
| 76 | 76 | 76 | *82E4451311 TAYLOR TOOL 3/4X1 PRV 150 PSI | UT | 100.00 | 7600.00 |
| 10 | 10 | 10 | *61FSTOP-2000 OPW AST SHUT OFF VALVE W/ FLOAT ARM | UT | 605.00 | 6050.00 |
| 1 | 1 | 1 | 66V1300 | EA | 0.00 | 0.00 |
| 1 | 1 | 1 | OPW 1" STD BREAKAWAY 66H1300 | EA | 0.00 | 0.00 |
| 1 | 1 | 1 | WHIP HOSE 1"X12" 45-5075 | EA | 0.00 | 0.00 |
| 2 | 2 | 2 | OPW SWIVEL 1X1 10BM5825 | EA | 72.14 | 144.28 |
| 2 | 2 | 2 | OPW 1.5"EMERG VALVE COMBO B STP75VL2 | EA | 928.80 | 1857.60 |
| 2 | 2 | 2 | FE PETRO 3/4 HP 86"-149" W/O RISER STPCBS | EA | 84.00 | 168.00 |
| | | | FE PETRO CONT. BOX W/SWCH & | | | |

CODE EXPLANATION
 * - STATE TAX APPLICABLE C - CONSIDER COMPLETE
 # - FED. OTHER TAX APPLICABLE D - DIRECT SHIPMENT
 . - STATE & FEDERAL TAX APPL F - FACTORY MINIMUM
 9 - BALANCE BACK ORDERED H - RETURNED CYL

| FREIGHT IN | FREIGHT OUT |
|------------|-------------|
| | |

NET TERMS: INV 10 DUE: 09/25/05

| | |
|----------------|-----------|
| SUB TOTAL | 16,276.24 |
| FREIGHT TOTAL | |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | |

TOTAL AMT DUE
16,276.24

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.



WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 928-5714

INVOICE NUMBER
2010155-01

THIENG

BILL THIELSCH ENGINEERING, INC
TO: C. GIRADO
195 FRANCES AVENUE
CRANSTON RI 02910

SHIP TO: THIELSCH ENGINEERING, INC
C. GIRADO
WILL CALL
X X

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE | |
|----------------|--------|------------|-------|----------------------|----------|----------|
| 2010155-01 | 210 | 08/30/05 | 256 | 117947 | 09/14/05 | |
| INSTRUCTIONS | | | | | FRT. | PAGE NO. |
| WILL CALL | | | | | B | 1 |
| THANK YOU | | | | | | |

| QTY | QUANTITY | ITEM CODE AND DESCRIPTION | UNIT | UNIT PRICE | AMOUNT |
|-----|----------|-------------------------------|------|------------|--------|
| 16 | 16 | 23-0055 OPW 3 IN VENT | EA | 32.30 | 516.80 |
| 5 | 5 | 23-0044 OPW 1.5" / 2" VENT | EA | 16.30 | 81.50 |
| | | | | | 598.30 |

VENDOR # _____
APPROVED - *R. Dumas*
DATE 9/26/05
ACCT # 41-25-0011
ENTERED _____
LAB # _____
TAX _____

Need a/c

Handwritten note: TO MR - 9/19

copy

*** THIS IS YOUR INVOICE ***

- CODE EXPLANATION
- * - STATE TAX APPLICABLE
 - # - FED. OTHER TAX APPLICABLE
 - + - STATE & FEDERAL TAX APPL.
 - B - BALANCE BACK ORDERED
 - C - CONSIDER COMPLETE
 - D - DIRECT SHIPMENT
 - F - FACTORY MIRRORUM
 - 4 - RETURNED CYL.

PREPARED BY: _____
DATE: _____

NET TERMS: INV 10 DUE: 09/24/05
*** ORDER COMPLETED ***

| | |
|----------------|--------|
| SUB TOTAL | 598.30 |
| FREIGHT TOTAL | |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | |

TOTAL AMT DUE
598.30

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.



WHITE-T-JCKER COMPANY

WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 928-5714

INVOICE NUMBER

2010024-01

THIENG

THIELSCH ENGINEERING, INC.
BILL C. GIRADO
TO: 195 FRANCES AVENUE
CRANSTON RI 02910

THIELSCH ENGINEERING, INC
SHIP TO: WILL CALL
X
X
X
X X X

| INVOICE NUMBER | SLSMN | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE | |
|----------------|-------|------------|-------|----------------------|----------|----------|
| 2010024-01 | 210 | 08/10/05 | 256 | 117602 08/10/05 15 | 09/15/05 | |
| INSTRUCTIONS | | | | | FRT | PAGE NO. |
| WILL CALL | | | | | B | 1 |
| THANK YOU | | | | | | |

| ORDER | QUANTITY | UOM | ITEM CODE AND DESCRIPTION | UNIT PRICE | AMOUNT |
|-------|----------|-----|--|------------|---------|
| 4 | 4 | EA | 1711T7085 OPW 3" VR CAP DURATUFF | 0.00 | 0.00 |
| 4 | 4 | EA | 1611AV1620 OPW 3X4 VAP REC ADAPT | 75.72 | 302.88 |
| 5 | 5 | EA | 633A200A KAMLOK PART-A- 2" ALUM | 12.00 | 60.00 |
| 5 | 5 | EA | 634B200A KAMLOK DUST CAP 2" ALUM | 0.00 | 0.00 |
| 8 | 8 | EA | 633A300A KAMLOK PART-A- 3" ALUM | 18.86 | 150.88 |
| 8 | 8 | EA | 634B300A KAMLOK DUST CAP 3"ALUM | 0.00 | 0.00 |
| 20 | 20 | EA | 633A400A KAMLOK PART-A- 4" ALUM | 34.62 | 692.40 |
| 20 | 20 | EA | 634B400A KAMLOK DUST CAP 4" ALUM | 0.00 | 0.00 |
| 28 | 28 | UT | *1521RF-0103 OPW VISI FLO 1IN 150# FLG TEFLON SEAL | 258.25 | 7231.00 |

Handwritten notes:
 ✓ need 9/27
 ✓ need MR TO MR 9/19
 Copy

*** THIS IS YOUR INVOICE ***

- CODE EXPLANATION
- * - STATE TAX APPLICABLE
 - # - FED/OTHER TAX APPLICABLE
 - - STATE & FEDERAL TAX APPL
 - B - BALANCE BACK ORDERED
 - C - CONSIDER COMPLETE
 - D - DIRECT SHIPMENT
 - F - FACTORY MINIMUM
 - R - RETURNED CYL

| | |
|--|--|
| | |
| | |

NET TERMS: INV 10 DUE: 09/25/05
 *** ORDER COMPLETED ***

| | |
|----------------|----------|
| SUB TOTAL | 8,437.16 |
| FREIGHT TOTAL | |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | |

TOTAL AMT DUE
8,437.16

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.



WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
 HOUSTON, TEXAS 77041
 PHONE (713) 928-2801
 FAX (713) 926-5714

INVOICE NUMBER

2009661-0022-02

THIENS

BILL THIELSCH ENGINEERING, INC
 TO: C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

SHIP TO: THIELSCH ENGINEERING, INC
 C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910
 116308

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE |
|-----------------|--------|------------|-------|----------------------|----------|
| 2009661-0022-02 | 210 | 06/21/05 | 256 | 116308 | 08/25/05 |

| INSTRUCTIONS | | SHEET | PAGE NO. |
|--------------|--|-------|----------|
| | | B | 1 |

| QUANTITY | | | B.O. DISP | ITEM CODE AND DESCRIPTION | U/M | UNIT PRICE | AMOUNT |
|----------|------|---------|-----------|--|-----|------------|----------|
| ORDERED | B.O. | SHIPPED | | | | | |
| 4 | | 4 | | *764V-0075 OPW FLOATING SUCTION 3IN AV GAS 120IN | UT | 1330.45 | 5321.80 |
| 10 | | 10 | | *764V-0080 OPW FLOATING SUCTION 4IN JET FUEL 120IN | UT | 1584.00 | 15840.00 |

Handwritten notes:
 VENDOR # 003946
 APPROVED attached
 DATE _____
 ACCT # _____
 ENTERED 8/29
 LAB # _____
 TAX _____
 NWK TO MR/ Rich
 8/29

*** THIS IS YOUR INVOICE ***

- CODE EXPLANATION
- * - STATE TAX APPLICABLE
 - # - FED. OTHER TAX APPLICABLE
 - 1 - STATE & FEDERAL TAX APPL.
 - B - BALANCE BACK ORDERED
 - C - CONSIDER COMPLETE
 - D - DIRECT SHIPMENT
 - F - FACTORY MINIMUM
 - R - RETURNED CYL.

| REGION | FREIGHT OUT |
|--------|-------------|
| | |

NET TERMS: INV 10 DUE: 09/04/05

*** ORDER COMPLETED ***

| | |
|----------------|----------|
| SUB TOTAL | 21161.80 |
| FREIGHT TOTAL | |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | |

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

TOTAL AMT DUE
 21161.80

ORIGINAL

WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 926-5714



INVOICE NUMBER

2009661-0021-02

THIENG

BILL THIELSCH ENGINEERING, INC
TO: C. GIRADO
195 FRANCES AVENUE
CRANSTON RI 02910

SHIP TO: THIELSCH ENGINEERING, INC
C. GIRADO
195 FRANCES AVENUE
CRANSTON RI 02910
116308

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE |
|-----------------|--------|------------|-------|----------------------|----------|
| 2009661-0021-02 | 210 | 06/21/05 | 256 | 116308 ✓ | 08/23/05 |

| INSTRUCTIONS | | FRT. | PAGE NO. |
|--------------|--|------|----------|
| | | B | 1 |

| QUANTITY | | | B.O. DISP. | ITEM CODE AND DESCRIPTION | UM | UNIT PRICE | AMOUNT | |
|----------|------|---------|------------|--|----|------------|---------------------|--|
| ORDERED | B.O. | SHIPPED | | | | | | |
| 4 | | 4 | | *HCS-D-333-1436 FACET AV GAS FILTER | UT | 6328.78 | 25315.12 | |
| 4 | | 4 | | *VRC-150 FACET RELAXATION CHMBR | UT | 5857.36 | 23429.44 | |
| 6 | | 6 | | *VRC-150 FACET RELAXATION CHAMBER | UT | 5857.36 | 35144.16 | |
| | | | | | | | 58573.60 | |

VENDOR: 003944 D
 APPROVED: *[Signature]*
 DATE: _____
 ACCT #: _____
 ENTERED: 99 / 1/30
 PAR #: _____
 TAX: _____
 MR TO MR 8/24
 Rich

Attach approval & release when rec'd from [Signature]

*** THIS IS YOUR INVOICE ***

CODE EXPLANATION
 * - STATE TAX APPLICABLE O - CONSIDER COMPLETE
 # - FED. OTHER TAX APPLICABLE D - DIRECT SHIPMENT
 . - STATE & FEDERAL TAX APPL. F - FACTORY MINIMUM
 @ - BALANCE BACK ORDERED R - RETURNED OYL

| | |
|---------|------|
| 1764.76 | 0.00 |
|---------|------|

NET TERMS: INV 10 DUE: 09/02/05

*** ORDER COMPLETED ***

| | |
|----------------|----------|
| SUB TOTAL | 83888.72 |
| FREIGHT TOTAL | 1,764.76 |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | 0.00 |

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

TOTAL AMT DUE
85653.48

ORIGINAL



WHITE-TUCKER COMPANY

13890 WESTFAIR EAST DRIVE
 HOUSTON, TEXAS 77041
 PHONE (713) 928-2801
 FAX (713) 926-5714

INVOICE NUMBER

2009661-02

THIENG

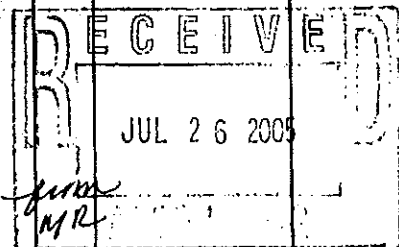
BILL TO: THIELSCH ENGINEERING, INC
 C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

SHIP TO: THIELSCH ENGINEERING, INC
 C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE | |
|----------------|--------|------------|-------|----------------------|----------|----------|
| 2009661-02 | 210 | 06/21/05 | 256 | 116308 | 07/05/05 | |
| INSTRUCTIONS | | | | | FRT. | PAGE NO. |
| | | | | | B | 1 |

| QUANTITY | | | B.O. DISP. | ITEM CODE AND DESCRIPTION | U/M | UNIT PRICE | AMOUNT |
|----------|------|---------|------------|--|-----|------------|---------|
| ORDERED | B.O. | SHIPPED | | | | | |
| 28 | 5 | 23 | B | *HA3X10MXM TITAN HOSE ASSY SW344 AIRCRAFT HOSE W/MXM TIX30T | UT | 275.00 | 6325.00 |

VENDOR # _____
 APPROVED Rhonda
 DATE 7/17/05
 ACCT # _____
 ENTERED _____
 LAB # 41-05-0015
 TAX _____
MR TO MR 7/11
7/24
TO SW
M 7/26



*** THIS IS YOUR INVOICE ***

- CODE EXPLANATION
- * - STATE TAX APPLICABLE
 - † - FED. OTHER TAX APPLICABLE
 - ‡ - STATE & FEDERAL TAX APPL.
 - § - BALANCE BACK ORDERED
 - - CONSIDER COMPLETE
 - ◇ - DIRECT SHIPMENT
 - - FACTORY MINIMUM
 - ∩ - RETURNED OYL

| FREIGHT IN | FREIGHT OUT |
|------------|-------------|
| | |

NET TERMS: INV 10 DUE: 07/15/05

| | |
|----------------|----------|
| SUB TOTAL | 6,325.00 |
| FREIGHT TOTAL | |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | |

TOTAL AMT DUE
 6,325.00

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

ORIGINAL



WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 926-5714

INVOICE NUMBER

THIENG

2009661-0003-02

BILL TO: THIELSCH ENGINEERING, INC
C. GIRADO
195 FRANCES AVENUE
CRANSTON RI 02910

SHIP TO: THIELSCH ENGINEERING, INC
C. GIRADO
195 FRANCES AVENUE
CRANSTON RI 02910
116308

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE | |
|-----------------|--------|------------|-------|----------------------|----------|----------|
| 2009661-0003-02 | 210 | 06/21/05 | 256 | 116308 | 07/06/05 | |
| INSTRUCTIONS | | | | | FRT. | PAGE NO. |
| | | | | | B | 1 |

| QUANTITY | | | B.O. DISP. | ITEM CODE AND DESCRIPTION | UM | UNIT PRICE | AMOUNT |
|----------|------|---------|------------|--|----|------------|---------|
| ORDERED | B.O. | SHIPPED | | | | | |
| 28 | | 5 | | *HA3X10MXM TITAN HOSE ASSY SW344 AIRCRAFT HOSE W/MXM TIX30T | UT | 275.00 | 1375.00 |

VENDOR # _____

APPROVED Rhormander

DATE 7/17/05

ACCT # _____

ENTERED _____

LAB # 41-05-0015

TAX _____

MR TO MR 9/11
MR 7/26 7/26 DW
R.olan

RECEIVED

JUL 26 2005

- CODE EXPLANATION
- * - STATE TAX APPLICABLE
 - † - FED. OTHER TAX APPLICABLE
 - - STATE & FEDERAL TAX APPL.
 - B - BALANCE BACK ORDERED
 - O - CONSIDER COMPLETE
 - D - DIRECT SHIPMENT
 - F - FACTORY MINIMUM
 - R - RETURNED CYL.

**** THIS IS YOUR INVOICE ****



NET TERMS: INV 10 DUE: 07/16/05

*** ORDER COMPLETED ***

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

| | |
|----------------|---------|
| SUB TOTAL | 1375.00 |
| FREIGHT TOTAL | |
| STATE TAX | |
| PAYMENT REC'D. | 0.00 |

TOTAL AMT DUE
1375.00

ORIGINAL



WHITE-TUCKER COMPANY

13888 WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 926-5714

INVOICE NUMBER

2009187-04

THIENG

JUL 15 2005
SHIP TO:

BILL TO: THIELSCH ENGINEERING, INC
C. GIRADO
195 FRANCES AVENUE
CRANSTON RI 02910

THIELSCH ENGINEERING
195 FRANCES AVENUE
CRANSTON RI 02910

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE | |
|----------------|--------|------------|-------|----------------------|----------|----------|
| 2009187-04 | 210 | 04/13/05 | 252 | 115492 | 07/11/05 | |
| INSTRUCTIONS | | | | | FRT. | PAGE NO. |
| | | | | | R | 1 |

| QUANTITY | | B.O. DISP. | ITEM CODE AND DESCRIPTION | UM | UNIT PRICE | AMOUNT |
|----------|------|------------|---|----|------------|----------|
| ORDERED | B.O. | | | | | |
| 1 | | 1 | *848290-022 VEEDER ROOT TLS 350 PROBE, 14-INV PROBE 14-ITNRS PROBE, CAPS INBOUND FRT \$145.08 | UT | 28086.00 | 28086.00 |

VENDOR # 00394
APPROVED R Howard
DATE 7/29/05
ACCT # _____
ENTERED _____
LAB # _____
FAX M 8/3
MM TD Helena
7/15 Jo Hansen 8/2

RECEIVED
AUG 2 2005

CODE EXPLANATION
* - STATE TAX APPLICABLE C - CONSIDER COMPLETE
- FED. OTHER TAX APPLICABLE D - DIRECT SHIPMENT
+ - STATE & FEDERAL TAX APPL. F - FACTORY MINIMUM
B - BALANCE BACK ORDERED R - RETURNED CYL

*** THIS IS YOUR INVOICE. ***

| FREIGHT IN | FREIGHT OUT |
|------------|-------------|
| 145.08 | 0.00 |

| | |
|----------------|-----------|
| SUB TOTAL | 28,086.00 |
| FREIGHT TOTAL | 145.08 |
| STATE TAX | |
| PAYMENT REC'D. | 0.00 |

NET TERMS: INV 10 DUE: 07/21/05

TOTAL AMT DUE
28,231.08

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

ORIGINAL



WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
 HOUSTON, TEXAS 77041
 PHONE (713) 928-2801
 FAX (713) 926-5714

THIENG

INVOICE NUMBER
2009661-04

BILL TO: THIELSCH ENGINEERING, INC
 C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

SHIP TO: THIELSCH ENGINEERING, INC
 C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE |
|----------------|--------|------------|-------|----------------------|---------------|
| 2009661-04 | 210 | 06/21/05 | 256 | 116308 | 07/14/05 |
| INSTRUCTIONS | | | | | FRT. PAGE NO. |
| | | | | | B 1 |

| QUANTITY | | B.O. DISC | ITEM CODE AND DESCRIPTION | UM | UNIT PRICE | AMOUNT |
|--|---------|-----------|---|----|------------|----------|
| ORDERED | SHIPPED | | | | | |
| 28 | 28 | | *3640F00302 OPW SWIVEL STYLE 40 ALUM W/ VITON SEALS | UT | 275.00 | 7700.00 |
| <p>VENDOR # <u>003946</u></p> <p>APPROVED <u>[Signature]</u></p> <p>DATE _____</p> <p>ACCT # _____</p> <p>ENTERED <u>[Signature]</u></p> <p>LAB # <u>[Signature]</u></p> <p>TAX <u>YML TO HR 7/25</u></p> <p><u>To [Signature] 8/2</u></p> | | | | | | |
| *** THIS IS YOUR INVOICE *** | | | | | | 7,700.00 |

CODE EXPLANATION
 STATE TAX APPLICABLE C - CONSIDER COMPLETE
 ED. OTHER TAX APPLICABLE D - DIRECT SHIPMENT
 STATE & FEDERAL TAX APPL. F - FACTORY MINIMUM
 BALANCE BACK ORDERED H - RETURNED CYL.

| RECEIVED IN | RECEIVED OUT |
|-------------|--------------|
| | |

NET TERMS: INV 10 DUE: 07/24/05

| | |
|----------------|----------|
| SUB TOTAL | 7,700.00 |
| FREIGHT TOTAL | |
| STATE TAX | 0.00 |
| PAYMENT REC'D. | |

TOTAL AMT DUE
7,700.00

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

ORIGINAL



WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
 HOUSTON, TEXAS 77041
 PHONE (713) 928-2801
 FAX (713) 926-5714

INVOICE NUMBER

2009661-13

THIENG

BILL THIELSCH ENGINEERING, INC
 TO: C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

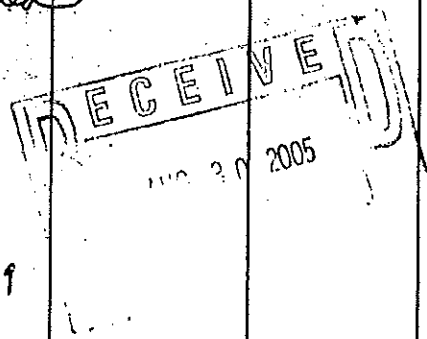
SHIP TO: THIELSCH ENGINEERING, INC
 C. GIRADO
 195 FRANCES AVENUE
 CRANSTON RI 02910

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE |
|----------------|--------|------------|-------|----------------------|----------|
| 2009661-13 | 210 | 06/21/05 | 256 | 116308 | 08/12/05 |

| INSTRUCTIONS | | FRT. | PAGE NO. |
|--------------|--|------|----------|
| | | B | 1 |

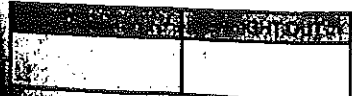
| QUANTITY | | | BO DISP | ITEM CODE AND DESCRIPTION | UM | UNIT PRICE | AMOUNT |
|----------|------|---------|------------|--|----|------------|----------|
| ORDERED | U.O. | SHIPPED | | | | | |
| 4 | | 4 | | *129-26ACGTKBDSSS CLA VLV 3IN HIGH LEVEL SHUT OFF VALVE | UT | 3992.00 | 15968.00 |
| 10 | | 10 | | *129-26AQC6TDSSS CLA VLV 4IN HIGH LEVEL SHUT OFF VALVE | UT | 4094.00 | 40940.00 |
| 4 | | 4 | | *43-37AGSKBDSSS CLA VLV 3IN WATER SLUG VALVE | UT | 3591.00 | 14364.00 |
| 10 | | 10 | | *43-37AGSDSSS CLA VLV 4IN WATER SLUG VALVE | UT | 3643.00 | 36430.00 |

VENDOR # _____
 APPROVED R. Hernandez
 DATE 8/26/05
 ACCT # 41-05-0015
 ENTERED _____
 LAB # 41-05-0015
 TAX YMK TO MR 8/19



- * - STATE TAX APPLICABLE
- * - FED. OTHER TAX APPLICABLE
- * - STATE & FEDERAL TAX APPLICABLE
- B - BALANCE BACK ORDERED

*** THIS IS YOUR INVOICE ***



| | |
|----------------|------------|
| SUB TOTAL | 107,702.00 |
| FREIGHT TOTAL | |
| STATE TAX | |
| PAYMENT REC'D. | 0.00 |

TOTAL AMT DUE
107,702.00

Merchandise returns not accepted without original invoice which have not been paid within our credit term.

Interest (18% per annum) will be added on all balances HOUSTON, HARRIS COUNTY, TEXAS.

ORIGINAL



WHITE-TUCKER COMPANY

13895 WESTFAIR EAST DRIVE
HOUSTON, TEXAS 77041
PHONE (713) 928-2801
FAX (713) 926-5714

INVOICE NUMBER

2009661-15

THIENG

BILLTHIELSCH ENGINEERING, INC
TO: C. GIRADO
195 FRANCES AVENUE
CRANSTON RI 02910

SHIP THIELSCH ENGINEERING, INC
TO: C. GIRADO
195 FRANCES AVENUE
CRANSTON RI 02910

| INVOICE NUMBER | SLSMN. | ORDER DATE | TAKER | CUSTOMER P.O. NUMBER | DATE | |
|----------------|--------|------------|-------|----------------------|----------|----------|
| 2009661-15 | 210 | 06/21/05 | 256 | 116308 | 08/16/05 | |
| INSTRUCTIONS | | | | | FRT. | PAGE NO. |
| | | | | | B | 1 |

| QUANTITY | | B.O. DISP. | ITEM CODE AND DESCRIPTION | U/M | UNIT PRICE | AMOUNT |
|---|---------|------------|---|-----|------------|----------|
| ORDERED | SHIPPED | | | | | |
| 14 | 14 | | *F116U3C WHITTAKER NOZZLE 3IN NPT 60 MESH STRNR | UT | 792.79 | 11099.06 |
| <p>VENDOR # <u>003946</u> <i>OK HOLD</i></p> <p>APPROVED <u>AT</u></p> <p>DATE _____</p> <p>ACCT # _____</p> <p>ENTERED _____</p> <p>LAB # _____</p> <p>TAX <u>MM TO Melina / Rich</u> 8/22</p> | | | | | | |
| <p><i>Relax when Rich send app</i></p> | | | | | | |

*** THIS IS YOUR INVOICE ***

- CODE EXPLANATION
- STATE TAX APPLICABLE
 - FED. OTHER TAX APPLICABLE
 - STATE & FEDERAL TAX APPL.
 - BALANCE BACK ORDERED
 - C - CONSIDER COMPLETE
 - D - DIRECT SHIPMENT
 - F - FACTORY MINIMUM
 - 11 - RETURNED CYL.

| FREIGHT IN | FREIGHT OUT |
|------------|-------------|
| | |

NET TERMS: INV 10 DUE: 08/26/05

| | |
|----------------|-----------|
| SUB TOTAL | 11,099.06 |
| FREIGHT TOTAL | |
| STATE TAX | |
| PAYMENT REC'D. | 0.00 |

TOTAL AMT DUE
11,099.06

Merchandise returns not accepted without prior approval. A service charge of 1 1/2% per month (18% per annum) will be added on all balances which have not been paid within our credit terms. ALL INVOICES DUE AND PAYABLE IN HOUSTON, HARRIS COUNTY, TEXAS.

ORIGINAL

Construction Change Order

For required change to relaxation chamber

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with Construction Technical Change Order dated March 28, 2005 paragraph 14, relaxation chambers were added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Pg 27

Procurement of New Materials *RICK WILL PROVIDE RFI*

Instrumentation:

- (10) relaxation chambers
- (20) 4" raised face, weld neck flanges and associated gaskets and bolting materials for isolation butterfly valve. *→ can be taken out if*
- (40) 4" raised face, weld neck flanges and associated gaskets and bolting materials for RC Connection. *Tech C/O is OK #15*
- (20) 4" Butterfly valves

Piping:

3/4" and 1" small bore piping and fittings installation.

Pipe supports:

1/2" baseplates, 5/8" stainless steel anchor bolts, 3/4" and 1" u-bolts, nuts, and washers.

Conduit and wiring:

Additional electrical work is not required for this field change.

Installation of New Materials

Installation includes transporting and positioning the relaxation chambers on locations, and anchoring them to the concrete as well as installation of the components identified above including fabrication, field routing, fit-up, welding, mechanical connections and grouting activities.

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 131,000.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relaxation chamber

| | |
|----------------------------|---------|
| <i>R. Howandean</i> | 9/28/05 |
| Thielsch Engineering, Inc. | Date |

| | |
|-----------------|------|
| Town of Addison | Date |
|-----------------|------|

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 16, 2005

Sale Price **\$131,000.00**
 Total Costs **\$117,932.20**
 Gross Margin % **9.98%**
 Gross Profit **\$13,067.80**

ADDISON AIRPORT
 Public Works, 16501 Westgrove Drive
 Addison, Texas 75001
 Bid Date:CCR-001

Contract Type: Construction Change Request

| # | EQUIPMENT, COMPONENTS, MATERIALS Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|---|-----------|------------------|--------------------|--------|---------------------|-------|--------------------|
| 1 | Relaxation Chamber | VRC-D-150 | White & Tucker | \$5,857.36 | 10 | \$58,573.60 | 1.15 | \$67,359.64 |
| 2 | 1" Pipe | 0 | AMERPIPE | \$3.75 | 60 | \$225.00 | 1.15 | \$258.75 |
| 3 | 3/4" Pipe | 0 | AMERPIPE | \$3.50 | 60 | \$210.00 | 1.15 | \$241.50 |
| 4 | 3/4" X 1" Reducer | 0 | AMERPIPE | \$3.36 | 10 | \$33.60 | 1.15 | \$38.64 |
| 5 | 4" raised face weld neck | 0 | AMERPIPE | \$20.50 | 60 | \$1,230.00 | 1.15 | \$1,414.50 |
| 6 | 4" butterfly valves | 0 | White & Tucker | \$404.00 | 20 | \$8,080.00 | 1.15 | \$9,292.00 |
| 7 | Gaskets, bolts, and nuts | 0 | Festenal | \$30.00 | 20 | \$600.00 | 1.15 | \$690.00 |
| 8 | Paint | 0 | Sherwin Williams | \$50.00 | 10 | \$500.00 | 1.15 | \$575.00 |
| 9 | Air Eliminator | 0 | White & Tucker | \$1,052.96 | 10 | \$10,529.60 | 1.15 | \$12,109.04 |
| 10 | Thermal Relief | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | Block Valve | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | Vent Valve | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | Drain Valve | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | 0 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$79,961.60 | | Total E.C.M. | | \$91,979.07 |

| # | THELSCH LABOR SERVICES Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|----------------------|---|------|-------------|--------------------|--------------|--------------------|
| 101 | | | | | | |
| 102 | Check-out and testing | | Technician | \$90.00 | 24 | \$2,160.00 |
| 103 | Field Supervision | | Foreman | \$57.75 | 24 | \$1,386.00 |
| 104 | | | | | | |
| 105 | | | | | | |
| 106 | Anchor bolts/grout | | Craftsman | \$54.13 | 560 | \$30,312.80 |
| 107 | Pipe prep, fit-up, welding + 2-4" welds ++ | | | | | |
| 108 | Chamber installation & Mechanical Joints, Seals | | | | | |
| 109 | | | | | | |
| 110 | | | | | | |
| 111 | | | | | | |
| 112 | | | | | | |
| 113 | | | | | | |
| 114 | | | | | | |
| 115 | | | | | | |
| 116 | Paint each relaxation chamber | | Painter | \$32.36 | 60 | \$1,841.60 |
| 117 | | | | | | |
| 118 | | | | | | |
| MANDAY IMPACT | | | 8.35 | Total Labor | 668 | \$35,800.40 |

| # | SUB CONTRACTOR SERVICES Description | Name | Type | Mult. | Price | |
|------------------------|--|------|-------------------|-------------------|-------------------|------------|
| 201 | | | Electrical | \$0.00 | \$0.00 | |
| 202 | | | Mechanical | \$0.00 | \$0.00 | |
| 203 | | | SCADA/PLC | \$0.00 | \$0.00 | |
| 204 | | | Civil | \$0.00 | \$0.00 | |
| 205 | | | Gen. Services | \$0.00 | \$0.00 | |
| 206 | | | Support Groups | \$0.00 | \$0.00 | |
| 207 | | | Riggers | \$0.00 | \$0.00 | |
| 208 | | | Equipment | \$2,150.00 | 1.15 | \$2,472.50 |
| 209 | | | Miscellaneous | \$0.00 | \$0.00 | |
| Total Subs Cost | | | \$2,150.00 | Total Subs | \$2,472.50 | |

| | |
|--|--|
| <p>Comments:</p> <p>Item 9 above, in materials, is a sum for the accessories required to install each relaxation chamber</p> | <p>Total E.P.M \$91,979.07</p> <p>Total Labor \$35,800.40</p> <p>Total Subs \$2,472.50</p> <p>Travel \$0.00</p> <p>Factory Training \$0.00</p> <p>Freight \$0.00</p> <p>Permits \$0.00</p> <p>Carrying Cost (days) 0 \$0.00</p> <p>Bonding \$0.00</p> <p>TAX @ 0.00% \$0.00</p> <p>TOTAL \$130,251.97</p> <p>TOTAL + Retainage Comp @ 0.00% \$130,251.97</p> <p>Additional TOTAL MARK-UP 0.00%</p> <p>SALES PRICE \$130,251.97</p> |
|--|--|

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Construction Change Order

For required change to relaxation chamber

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with Construction Technical Change Order dated March 28, 2005 paragraph 14, relaxation chambers were added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

Instrumentation:

- (10) relaxation chambers
- (20) 4" raised face, weld neck flanges and associated gaskets and bolting materials for isolation butterfly valve.
- (40) 4" raised face, weld neck flanges and associated gaskets and bolting materials for RC Connection.
- (20) 4" Butterfly valves

Piping:

¾" and 1" small bore piping and fittings installation.

Pipe supports:

½" baseplates, 5/8" stainless steel anchor bolts, ¾" and 1" u-bolts, nuts, and washers.

Conduit and wiring:

Additional electrical work is not required for this field change.

Installation of New Materials

Installation includes transporting and positioning the relaxation chambers on locations, and anchoring them to the concrete as well as installation of the components identified above including fabrication, field routing, fit-up, welding, mechanical connections and grouting activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **131,000.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relaxation chamber

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

email about deep
Tom about Just
email about oil water sep.

Construction Change Order

For required change to relaxation chamber

05-02 Bulk Fuel Storage and Dispensing System

131,000
X DAYS

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with Construction Technical Change Order dated March 28, 2005 paragraph 14, relaxation chambers were added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

100 MAN HOURS 3 PEOPLE
50 HR WORK WEEKS

Procurement of New Materials

Instrumentation:

- (10) relaxation chambers
- (20) 4" raised face, weld neck flanges and associated gaskets and bolting materials for isolation butterfly valve.
- (40) 4" raised face, weld neck flanges and associated gaskets and bolting materials for RC Connection.
- (20) 4" Butterfly valves

Piping:

¾" and 1" small bore piping and fittings installation.

Pipe supports:

½" baseplates, 5/8" stainless steel anchor bolts, ¾" and 1" u-bolts, nuts, and washers.

Conduit and wiring:

Additional electrical work is not required for this field change.

Installation of New Materials

Installation includes transporting and positioning the relaxation chambers on locations, and anchoring them to the concrete as well as installation of the components identified above including fabrication, field routing, fit-up, welding, mechanical connections and grouting activities.

NO IMPACT TO CONTRACT TIME

ORIGINAL DESIGN
→ TAKEN OUT
→ PUT BACK IN.

WORK NOT
COMPLETED.

SAM APPROVED
@ NTP

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 131,000.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 14 days *CONCURRENT*
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relaxation chamber

| | |
|-------------------------------------|---------------|
| <i>R. Hornandean</i> | <i>9/1/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 7:51 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 001--Additional Cost Information

Tom and Mark,

As requested, additional support documentation is provided in the attachments; these invoices--from White Tucker and from Nationsrent--match the line item costs in the change order document submitted on 10-27-05.

NATIONSRENT #104-PLANO

2801 ARCHERWOOD
 PLANO, TX 75074
 Phone 972-881-1330
 Fax 972-881-1476
 MON-SAT 7AM-5PM

Invoice # 820863-0001
 Invoice Date 8/22/05

Entered By
 Closed By CYCLE BILL
 Salesman 36409 ECHIVARRIA, JOE R

4 WEEK BILL

Remit To: NationsRent, P.O. BOX 846163 DALLAS, TX 75284-6163

| | | | | | | | |
|------------------------------|--|----------|--------------|------------|---------|-------------|---------|
| Customer Number | 3036674 | P.O. # | 117481 | Job # | J.B. | Date Out | 8/03/05 |
| Customer Name | THIELSCH ENGINEERING INC ATTENTION MELISSA ROMANO 195 FRANCES AVENUE CRANSTON, RI 02910 | Office # | 972-233-1222 | Time Out | 8:00 AM | Billed Thru | 8/31/05 |
| | | Job # | 512-320-8845 | Ordered By | JB, | | |
| Job Address | ADDISON AIRPORT 15700 ADDISON RD D4-Y ADDISON, TX 75001 | | | | | | |
| Rental Rates (Per Each Item) | | | | | | | |
| Qty | Equipment # | Min | Day | Week | 4 Week | Amount | |

1 FORKLIFT 42' EXTENDABOOM 8000 350.00 350.00 976.00 2400.00 2232.00
 278570 Make: SKYTRAK Model: 8042 Ser #: 0160006328
 HR OUT: 464.00 HR IN: TOTAL: 464.00
 Salesman rates

SALES ITEMS:

| Qty | Item number | Unit | Price | Amount |
|-----|----------------------|------|--------|--------|
| 1 | ENVIRONMENTAL CHARGE | EA | 15.000 | 15.00 |

DELIVERY CHARGE 60.00

PICKUP CHARGE 60.00

Ob j.b. 214-662-2608
 db wayne

VENDOR # 003961

APPROVED _____

DATE _____

ACCT # _____

BILLED FOR FOUR WEEKS 8/03/05 THRU 8/31/05 08:00 AM

ENTERED _____

LAB # _____

TAX _____

Sub-total: 2367.00
 Damage waiver: 323.64
 Tax: 221.99
 Total: 2912.63

never rec'd by me.

MARIE
 THIELSCH ENGINEERING INC

Kimberly Stewart
 401-461-3020

*INUS

By customer demand, NationsRent delivers this equipment to customer's agent at the customer's designated site, and makes available the opportunity for immediate operator familiarization/training. Customer is cautioned to accept the Company's Offer for operator familiarization/training and to avoid all opportunities where untrained persons may operate this equipment to be used or operated. The customer's signature on this Rental Contract indicates their understanding of and acceptance of responsibility for operator training requirements as required by applicable local, state and federal regulations.

REMIT TO:
 NationsRent
 P.O. BOX 846163
 DALLAS, TX 75284-6163

Delivered By _____ Date _____

Due Upon Receipt
 The Total Amount set forth above is estimated based on the Due Date and single shift usage.

NationsRent agrees to waive certain damages against Customer that are provided for on the reverse side of this Contract, in consideration of the customer paying the Damage Waiver fee on the face of this Contract.

Damage Waiver Declined _____ DAMAGE WAIVER CAN ONLY BE DECLINED IF A CERTIFICATE OF INSURANCE IS ON FILE

I HAVE READ AND AGREE TO ALL OF THE TERMS AND CONDITIONS ON THE FRONT AND REVERSE SIDE OF THIS CONTRACT. I ACKNOWLEDGE RECEIPT OF THE EQUIPMENT DELIVERED IN GOOD ORDER AND A COPY OF THIS CONTRACT. IF OTHER THAN CUSTOMER, SIGNER REPRESENTS THAT THEY ARE THE AGENT OF, AND AUTHORIZED TO SIGN FOR CUSTOMER, THIS CONTRACT REPRESENTS THE ENTIRE AGREEMENT BETWEEN YOU AND US, AND THERE ARE NO ORAL OR OTHER REPRESENTATIONS OR AGREEMENTS NOT INCLUDED HEREIN. NONE OF THE TERMS OR CONDITIONS OF THIS CONTRACT MAY BE AMENDED OR MODIFIED, EXCEPT IN WRITING SIGNED BY COMPANY AND CUSTOMER, AND MADE A PART OF THIS CONTRACT. CUSTOMERS WILL BE CHARGED FOR ALL TIRE REPAIR OR REPLACEMENT AND FOR RETURNING EQUIPMENT WITH LESS THAN A FULL TANK OF FUEL. CUSTOMER HEREBY AUTHORIZES COMPANY TO SEND ADVERTISEMENTS AND SOLICITATIONS TO CUSTOMER BY FACSIMILE TRANSMISSION OR OTHERWISE. RENTAL RATES BASED ON 8 WORKING HOURS PER DAY, 40 HOURS PER WEEK, 100 HOURS PER FOUR WEEK PERIOD. OVERTIME CHARGED ON OVERTAGES.

Customer Signature _____ Date _____

Page: 1

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date: CCR-002 Revision A

Sale Price \$19,500.00
Total Costs \$10,075.10
Gross Margin % 48.33%
Gross Profit \$9,424.90

Contract Type: Change Request

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|--|--------|---------------|--------------------|--------|---------------------|-------|--------------------|
| 1 | 30' High Chain Link (40x6) w/ slats and 2 1/2" dia. Post spaced 10' on center and no rails | | Abie Concrete | \$34.23 | 770 | (\$33,899.00) | 1 | (\$33,899.00) |
| 2 | 30' High chain link fence with slats and 2 1/2" dia posts spaced 10' on center and no rails | | Abie Concrete | \$57.25 | 336 | (\$12,302.40) | 1 | (\$12,302.40) |
| 3 | 30' High chain link fence with 2 1/2" dia posts spaced 10' on center and no rails | | Abie Concrete | \$25.42 | 240 | (\$8,157.60) | 1 | (\$8,157.60) |
| 4 | 30' High chain link fence with slats and 2 1/2" dia. Posts spaced 7' on center w/ top rail and bolts | | Abie Concrete | \$55.80 | 770 | \$40,656.00 | 1.15 | \$48,754.40 |
| 5 | 30' High chain link fence with slats and 2 1/2" dia posts spaced 10' on center w/ top rails area | | Abie Concrete | \$44.83 | 336 | \$14,727.90 | 1.15 | \$18,937.09 |
| 6 | 30' High chain link fence with 2 1/2" dia posts spaced 10' on center w/ top rails and guy w/na | | Abie Concrete | \$30.13 | 240 | \$7,231.20 | 1.15 | \$8,315.88 |
| 7 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$10,075.10 | | Total E.C.M. | | \$19,487.36 |

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | |
|----------------------|------------------------|------|-------------------------------|------------|--------------------|----------|---------------|
| 101 | | 1093 | Project Manager | \$110.00 | 0 | \$0.00 | |
| 102 | | 1021 | Foreman | \$57.75 | 0 | \$0.00 | |
| 103 | | 1106 | Tech. Engineer | \$80.00 | 0 | \$0.00 | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 | |
| 106 | | 1136 | Draftsman | \$50.00 | 0 | \$0.00 | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | \$0.00 | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | |
| 110 | | 1043 | Mechanical-helper | \$35.25 | 0 | \$0.00 | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | |
| 116 | | 4318 | Training Engineer | \$60.00 | 0 | \$0.00 | |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 | |
| 118 | PO, CCR, Documentation | 1008 | Documentation Coord. | | 1 | \$0.00 | |
| MANDAY IMPACT | | | | 0 | Total Labor | 0 | \$0.00 |

| # | Description | Name | Type | Mult. | Price | |
|------------------------|-------------|------|----------------|---------------|-------------------|---------------|
| 201 | | | Electrical | 1 | \$0.00 | |
| 202 | | | Mechanical | 1 | \$0.00 | |
| 203 | | | SCADA/PLC | 1 | \$0.00 | |
| 204 | | | Civil | 1 | \$0.00 | |
| 205 | | | Gen. Services | 1 | \$0.00 | |
| 206 | | | Support Groups | 1 | \$0.00 | |
| 207 | | | Riggers | 1 | \$0.00 | |
| 208 | | | Equipment | 1 | \$0.00 | |
| 209 | | | Miscellaneous | 1 | \$0.00 | |
| Total Subs Cost | | | | \$0.00 | Total Subs | \$0.00 |

| | | | |
|-----------|--|---------------------------------------|--------------------|
| Comments: | | Total E.C.M. | \$19,487.36 |
| | | Total Labor | \$0.00 |
| | | Total Subs | \$0.00 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX | \$0.00 |
| | | TOTAL | \$19,487.36 |
| | | TOTAL + Retainage Comp @ 0.00% | \$19,487.36 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Additional TOTAL MARK-UP _____
 SALES PRICE \$19,487.36

CCR-002

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, October 28, 2005 12:04 PM
To: Jenny Nicewander; Mark Acevedo
Cc: tom.cobb@wgint.com; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
BJohnson@thielsch.com; PKennefick@thielsch.com
Subject: Addison - Change Order 002 A Back-up

Jenny and Mark,

Attached is the back-up for change order 002 A pertaining to the changes made to the fence design in order to bring it up to meet TexDOT standards.

Best Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Chain Link Fence Deign

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with Construction Technical Change Order dated March 28, 2005 paragraph 12, a modification to the design of the chain link fence was added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

Deletion:

- (770') 10' high chain link fence w/ slats and 2 ½" diameter post spaced 10' on center and no rails
- (330') 6' high chain link fence w/ slats and 2 ½" diameter post spaced 10' on center and no rails
- (240') 6' high chain link fence and 2 ½" diameter post spaced 10' on center and no rails

Addition:

- (770') 8' high chain link fence w/ slats and 3" diameter post spaced 10' on center, top rail and bottom guy wire
- (330') 6' high chain link fence w/ slats and 2 ½" diameter post spaced 10' on center, top rail and bottom guy wire
- (240') 6' high chain link fence and 2 ½" diameter post spaced 10' on center, top rail, and bottom guy wire

Installation of New Materials

Installation included in initial bid estimate

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 27,300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Chain Link Fence Deign

| | |
|-----------------------------------|----------------|
| <u><i>Rhomon dean</i></u> | <u>9/28/05</u> |
| Thiensch Engineering, Inc. | Date |
| <hr/> | |
| Town of Addison | Date |

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price **\$19,500.00**

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001

Total Costs **\$10,075.10**

Gross Margin % **48.33%**

Gross Profit **\$9,424.90**

Bid Date:CCR-002 Revision A

Contract Type: Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | |
|----------------------------------|--|--------|---------------|-------------------|--------|---------------|--------------|---------------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
| 1 | 10' High Chain Link fence w/ slats and 2 1/2" dia. Post spaced 10' on center and no rails | na | Able Concrete | (\$44.00) | 770 | (\$33,880.00) | 1 | (\$33,880.00) |
| 2 | 6' High chainlink fence with slats and 2 1/2" dia posts spaced 10' on center and no rails | na | Able Concrete | (\$37.28) | 330 | (\$12,302.40) | 1 | (\$12,302.40) |
| 3 | 6' High chainlink fence with 2 1/2" dia posts spaced 10' on center and no rails | na | Able Concrete | (\$26.49) | 240 | (\$6,357.60) | 1 | (\$6,357.60) |
| 4 | 8' High chainlink fence with slats and 3" dia. Posts spaced 7' on center w/ top rail and bol | na | Able Concrete | \$52.80 | 770 | \$40,656.00 | 1.15 | \$46,754.40 |
| 5 | 6' High chainlink fence with slats and 2 1/2" dia posts spaced 10' on center w/ top rails a | na | Able Concrete | \$44.63 | 330 | \$14,727.90 | 1.15 | \$16,937.09 |
| 6 | 6' High chainlink fence with 2 1/2" dia posts spaced 10' on center w/ top rails and guy w | na | Able Concrete | \$30.13 | 240 | \$7,231.20 | 1.15 | \$8,315.88 |
| 7 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | 0 | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M.Costs | | \$10,075.10 | Total E.C.M. | \$19,467.36 |

| TEI LABOR SERVICES | | | | | | | | |
|--------------------|-------------------------|------|-------------------------------|---------------|--------------|-------------|--------|--------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | |
| 101 | | 1083 | Project Manager | \$110.00 | 0 | \$0.00 | | |
| 102 | | 1021 | Foreman | \$57.75 | 0 | \$0.00 | | |
| 103 | | 1106 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | |
| 105 | | 1140 | Foreman | \$85.00 | 0 | \$0.00 | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$83.00 | 0 | \$0.00 | | |
| 108 | | 1078 | Pipefitter | \$83.00 | 0 | \$0.00 | | |
| 109 | | 1052 | Mechanic | \$83.00 | 0 | \$0.00 | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | |
| 116 | | 4319 | Training | Engineer | \$60.00 | 0 | \$0.00 | |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 | |
| 118 | PO, CCR, Documentation, | 1008 | Documentation Coord. | | 1 | \$0.00 | | |
| | | | | MANDAY IMPACT | 0 | Total Labor | 0 | \$0.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-------------|------|----------------|-----------------|--------|------------|--|--------|--|
| # | Description | Name | Type | Mult. | Price | | | | |
| 201 | | | Electrical | \$0.00 | 1 | \$0.00 | | | |
| 202 | | | Mechanical | \$0.00 | 1 | \$0.00 | | | |
| 203 | | | SCADA/PLC | \$0.00 | 1 | \$0.00 | | | |
| 204 | | | Civil | \$0.00 | 1 | \$0.00 | | | |
| 205 | | | Gen. Services | \$0.00 | 1 | \$0.00 | | | |
| 206 | | | Support Groups | \$0.00 | 1 | \$0.00 | | | |
| 207 | | | Riggers | \$0.00 | 1 | \$0.00 | | | |
| 208 | | | Equipment | \$0.00 | 1 | \$0.00 | | | |
| 209 | | | Miscellaneous | \$0.00 | 1 | \$0.00 | | | |
| | | | | Total Subs Cost | \$0.00 | Total Subs | | \$0.00 | |

| | | |
|-----------|--------------------------|-------------|
| Comments: | Total E.C.M | \$19,467.36 |
| | Total Labor | \$0.00 |
| | Total Subs | \$0.00 |
| | Travel | \$0.00 |
| | Factory Training | \$0.00 |
| | Freight | \$0.00 |
| | Permits | \$0.00 |
| | Carrying Cost (days) | \$0.00 |
| | Bonding | \$0.00 |
| | TAX | \$0.00 |
| | TOTAL | \$19,467.36 |
| | TOTAL + Retainage Comp @ | 0.00% |
| | Additional TOTAL MARK-UP | |
| | SALES PRICE | \$19,467.36 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Construction Change Order

27,300

For required change to Chain Link Fence Design

0 days

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with Construction Technical Change Order dated March 28, 2005 paragraph 12, a modification to the design of the chain link fence was added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

Deletion:

- (770') 10' high chain link fence w/ slats and 2 1/2" diameter post spaced 10' on center and no rails
- (330') 6' high chain link fence w/ slats and 2 1/2" diameter post spaced 10' on center and no rails
- (240') 6' high chain link fence and 2 1/2" diameter post spaced 10' on center and no rails

Addition:

- (770') 8' high chain link fence w/ slats and 3" diameter post spaced 10' on center, top rail and bottom guy wire
- (330') 6' high chain link fence w/ slats and 2 1/2" diameter post spaced 10' on center, top rail and bottom guy wire
- (240') 6' high chain link fence and 2 1/2" diameter post spaced 10' on center, top rail, and bottom guy wire

Approved
Paid to ATB

UNITS
↙

13,500
11,000

Installation of New Materials

Installation included in initial bid estimate

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 27,300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 8:08 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 003 Rev A--Flow Meter Remote Display Additional Cost Information

Tom and Mark,

The attached cost summary information, from the subcontractor Rabalais Electric, is provided as requested. The line item costs in this attachment match the line item costs in the Addison Change Order 003 Rev A, submitted to the Town of Addison on 11-11-05.

----- Forwarded by Richard Normandeau/Thielsch/Thielsch on 12/03/2005 02:09 PM -----

"Herman Cardona" <hcardona@rabalais.com>

To: "Rick Normandeau (E-mail)" <RNORMANDEAU@THIELSCH.COM>

06/03/2005 12:26 PM

cc:
Subject: Change Order

<<ADDISON AIRPORT BULK FUEL STORAGE Rev.June Cost Change.doc>> Rick let me know if this will do for the change order material breakdown, I did not want to be tedious so I did not breakdown every single item.

Wood PCC.

April 11, 2005

Town of Addison
Addison Airport Bulk Fuel Storage and Dispensing System

TO: Thielsch Engineering
Attn: Rick Normandeau

Dear Mr. Normandeau, the following is the additional cost for the revisions made by the Engineer. The revisions include additional conduits and circuits from the MCC-LP1 lighting panel to each Meter Pre-set as shown on the drawings.

- PVC Underground conduit = 2,110'lf
 - Splice J-Box = 5 ea.
 - #10awg THWN = 7,035'lf
 - #14awg THWN = 2,800'lf
 - Galvanized Rigid Conduit = 480'lf
 - Liquid Tight Flexible Conduit = 201'lf
 - Liquid Tight Connectors = 140 ea.
- Miscellaneous fittings and appurtenances are also included.

Material Cost\$11,800.00
Labor Cost\$26,390.00

Thank you for the opportunity to quote on the above referenced project. Our scope is as described above and as follows:

- Exclude tax
- Exclude bonding
- Includes all applicable qualifications list on the Bid Letter dated February 25,2005.

If you have any questions or if I can be of further assistance please feel free to call me at 972-223-2804.

Sincerely,

Herman Cardona
Electrical Manager

Cc Bob Cuvelier

Construction Change Order**For required change to electrical conduit for Remote LCD Display****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A series of conduit and circuit runs were absent from original construction prints. Later revisions added these conduit and circuits to the construction plan. (see sheets 19-22 rev.1 versus rev. 0 bid plans). This modification to the design of the electrical layout has added to the scope of work and additional cost of construction; this represents a change to the original bid package:

Procurement of New Materials

| | |
|-------------|-------------------------------|
| (2,110' lf) | PVC underground conduit |
| (5 ea.) | splice J-box |
| (7,035' lf) | #10 AWG THWN copper wire |
| (2,800' lf) | #14 AWG THWN copper wire |
| (480' lf) | galvanized rigid conduit |
| (201' lf) | liquid tight flexible conduit |
| (140 ea.) | Liquid tight connectors |

Miscellaneous fittings and appurtenances are also included

Installation of New Materials

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing, wire pulls, bending, electrical connections, mechanical connections and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **46,000.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to electrical conduit for pre-set valves

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$46,000.00
 Total Costs \$39,999.27
 Gross Margin % 13.05%
 Gross Profit \$8,000.73

ADDISON AIRPORT
 Public Works, 16501 Westgrove Drive
 Addison, Texas 75001

Bid Date: CCR-003 Rev A-Conduit for Remote Display

Contract Type: Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------------------------|--------|--------|---------------------------|--------|--------------------|-------|---------------------|--------------------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | PVC underground conduit | NA | ABC | \$0.48 | 2100 | \$1,012.80 | 1.15 | \$1,184.72 | |
| 2 | Service J-Box | NA | ABC | \$20.30 | 8 | \$251.50 | 1.15 | \$289.23 | |
| 3 | #10 AWG THWN | NA | Belden | \$0.59 | 7035 | \$4,150.85 | 1.15 | \$4,773.25 | |
| 4 | #14 AWG THWN | NA | Belden | \$0.47 | 2850 | \$1,318.00 | 1.15 | \$1,513.40 | |
| 5 | Galvanized rigid conduit | NA | ABC | \$10.10 | 460 | \$4,848.00 | 1.15 | \$5,676.20 | |
| 6 | Light weight flexible conduit | NA | ABC | \$0.72 | 201 | \$144.72 | 1.15 | \$166.43 | |
| 7 | Load connectors | NA | ABC | \$0.34 | 149 | \$75.80 | 1.15 | \$86.94 | |
| 8 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | | ABC | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total E.C.M. Costs | | \$11,799.27 | | Total E.C.M. | \$13,569.16 |

| THIELSCH LABOR SERVICES | | | | | | | | | |
|-------------------------|---|------|-------------------------------|----------------------|--------------|-------------|--------|--------------------|-----------------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1083 | Project Manager | \$110.00 | | \$0.00 | | | |
| 102 | Subcontractor investigations, discussions, and coordination | 1021 | Engineer | \$90.00 | 4 | \$360.00 | | | |
| 103 | | 1106 | Tech. Engineer | \$0.00 | 0 | \$0.00 | | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | |
| 105 | Coordinate activities with other crafts | 1140 | Foreman | \$65.00 | 0 | \$0.00 | | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 | | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | | |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 | | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | |
| 116 | | 4319 | Training | Engineer | \$90.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 | | | |
| | | | | MANDAY IMPACT | | 0.50 | | Total Labor | 4 |
| | | | | | | | | | \$360.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|---|-------------------------|----------------|------------------------|-------|--------------------|--|-------------------|--------------------|
| # | Description | Name | Type | | Mult. | Price | | | |
| 201 | Installation of fiber optic cable and support for meter one set | Rainbow M&E Contractors | Electrical | \$28,390.00 | 1.15 | \$30,348.50 | | | |
| 202 | | | Mechanical | \$0.00 | 1 | \$0.00 | | | |
| 203 | | | SCADA/PLC | \$0.00 | 1 | \$0.00 | | | |
| 204 | | | Civil | \$0.00 | 1 | \$0.00 | | | |
| 205 | | | Gen. Services | \$0.00 | 1 | \$0.00 | | | |
| 206 | | | Support Groups | \$0.00 | 1 | \$0.00 | | | |
| 207 | | | Riggers | \$0.00 | 1 | \$0.00 | | | |
| 208 | | | Equipment | \$1,250.00 | 1.15 | \$1,437.50 | | | |
| 209 | | | Miscellaneous | \$0.00 | 1 | \$0.00 | | | |
| | | | | Total Subs Cost | | \$27,840.00 | | Total Subs | \$31,786.00 |

| | | | | | | | | | |
|--|--|--|--|--|--|---------------------------------|----------------------|--------------------|--|
| Comments: | | | | | | | | | |
| | | | | | | Total E.C.M. | | \$13,569.16 | |
| | | | | | | Total Labor | | \$360.00 | |
| | | | | | | Total Subs | | \$31,786.00 | |
| | | | | | | Travel | | \$0.00 | |
| | | | | | | Factory Training | | \$0.00 | |
| | | | | | | Freight | | \$200.00 | |
| | | | | | | Permits | | \$0.00 | |
| | | | | | | Carrying Cost (days) | | \$0.00 | |
| | | | | | | Bonding | | \$0.00 | |
| | | | | | | TAX | | | |
| | | | | | | TOTAL | | \$45,915.16 | |
| | | | | | | TOTAL + Retainage Comp @ | 0.00% | \$45,915.16 | |
| | | | | | | Additional | TOTAL MARK-UP | | |
| | | | | | | | SALES PRICE | \$45,915.16 | |
| Estimating Manager Approval _____ Date: _____ | | | | | | | | | |
| Engineering Manager Approval _____ Date: _____ | | | | | | | | | |

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Friday, November 11, 2005 8:12 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order #3A

Tom and Mark,

Attached is Change Order CCR-003 Rev A for the flow meter remote display and associated back-up.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to electrical conduit for pre-set valves

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A series of conduit and circuit runs were absent from original construction prints. Later revisions added these conduit and circuits to the construction plan. (see sheets 19-22 rev.1 versus rev. 0 bid plans). This modification to the design of the electrical layout has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

| | |
|-------------|-------------------------------|
| (2,110' lf) | PVC underground conduit |
| (5 ea.) | splice J-box |
| (7,035' lf) | #10 AWG THWN copper wire |
| (2,800' lf) | #14 AWG THWN copper wire |
| (480' lf) | galvanized rigid conduit |
| (201' lf) | liquid tight flexible conduit |
| (140 ea.) | Liquid tight connectors |

Miscellaneous fittings and appurtenances are also included

Installation of New Materials

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing, wire pulls, bending, electrical connections, mechanical connections and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 54,900.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

Construction Change Order

For required change to electrical conduit for pre-set valves

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A series of conduit and circuit runs were absent from original construction prints. Later revisions added these conduit and circuits to the construction plan. (see sheets 19-22 rev.1 versus rev. 0 bid plans). This modification to the design of the electrical layout has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

(2,110' lf) PVC underground conduit
(5 ea.) splice J-box
(7,035' lf) #10 AWG THWN copper wire
(2,800' lf) #14 AWG THWN copper wire
(480' lf) galvanized rigid conduit
(201' lf) liquid tight flexible conduit
(140 ea.) Liquid tight connectors
Miscellaneous fittings and appurtenances are also included

Installation of New Materials

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing, wire pulls, bending, electrical connections, mechanical connections and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **54,900.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to electrical conduit for pre-set valves

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

54,900
X Days

For required change to electrical conduit for pre-set valves

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

Some had
conference call
w/ Burns & Mac
about electrical
that had been
eliminated and then
put back on
majority installed

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A series of conduit and circuit runs were absent from original construction prints. Later revisions added these conduit and circuits to the construction plan. (see sheets 19-22 rev.1 versus rev. 0 bid plans). This modification to the design of the electrical layout has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

- (2,110' lf) PVC underground conduit
 - (5 ea.) splice J-box
 - (7,035' lf) #10 AWG THWN copper wire
 - (2,800' lf) #14 AWG THWN copper wire
 - (480' lf) galvanized rigid conduit
 - (201' lf) liquid tight flexible conduit
 - (140 ea.) Liquid tight connectors
- Miscellaneous fittings and appurtenances are also included

Installation of New Materials

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing, wire pulls, bending, electrical connections, mechanical connections and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **54,900.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.

- a. Impact to schedule is + 7 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

CONCURRENT
↓
IMPACT TO Rabila's Schedule

NO IMPACT TO CONTRACT TIME

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to electrical conduit for pre-set valves

R. Normandeau 8/1/05
Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 8:00 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 004 Rev A--Air Eliminator Optical Sensor Additional Cost Information

Tom and Mark,

Attached is a cost breakdown from the subcontractor, Rabalais Electric; a copy of the invoice from White Tucker--for the optical sensors--has been requested. It will be forwarded upon receipt.

----- Forwarded by Richard Normandeau/Thielsch/Thielsch on 12/03/2005 02:11 PM -----

"Herman Cardona" <hcardona@rabalais.com>

To: "Rick Normandeau (E-mail)" <RNORMANDEAU@THIELSCH.COM>

cc:

Subject: Air Eliminator Change Order

06/03/2005 05:47 PM

SUBMITTED
WORD DOC



RABALAIS I&E CONSTRUCTORS

"Working to Achieve the Extraordinary"

INDUSTRIAL & COMMERCIAL ELECTRICAL CONSTRUCTION & MAINTENANCE
PNEUMATIC & ELECTRONIC INSTRUMENTATION CONSTRUCTION & MAINTENANCE
SYSTEMS INTEGRATION & PANEL FABRICATION
24-HOUR SERVICE DEPARTMENT

WORD
DOC

Main Office
11200 Up River Road
PO Box 10366
Corpus Christi, Texas
78460
(361) 242-3121
FAX (361) 242-2678

Central Texas Office
4343 Dividend Dr.
San Antonio, Texas
78219
(210) 333-1560
FAX (210) 333-1295

North Texas Office
1207 Ave. J, East
Grand Prairie, Texas
75050
(972) 647-4181
FAX (972) 522-1250

Website
www.rabalais.com

June 3, 2005

Town of Addison
Addison Airport Bulk Fuel Storage and Dispensing System

TO: Thielsch Engineering
Attn: Rick Normandeau

Dear Mr. Normandeau, the following is the additional cost for the revisions made by the Engineer. The revisions include additional conduits and circuits from the MCC/PLC to the Air Eliminators as shown on the drawings.

#14awg THWN = 4,420'lf
Galvanized Rigid Conduit = 150'lf
Liquid Tight Flexible Conduit = 15'lf
Liquid Tight Connectors = 10 ea.
Miscellaneous fittings and appurtenances are also included.

| | |
|------------------------------------|--------------------------|
| Material Cost | \$1,183.00 |
| Labor Cost | \$3,507.00 |
| <u>PLC Programming.....</u> | <u>\$3,500.00</u> |
| Total Price..... | \$8,190.00 |

Thank you for the opportunity to quote on the above referenced project. Our scope is as described above and as follows:

- Exclude tax
- Exclude bonding
- Includes all applicable qualifications list on the Bid Letter dated February 25,2005.

If you have any questions or if I can be of further assistance please feel free to call me at 972-223-2804.

Sincerely,

Herman Cardona
Electrical Manager

Cc Bob Cuvelier

Construction Change Order**For required change to Air Eliminators****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with "Specification Changes from Addendums and Value Engineering", dated 03-23-05, paragraph 2.D, a modification to the design of the Air Eliminators was added to the scope of work. The change from hydraulically operated float controls to electronically operated float controls within the Air Eliminator represents additional cost of construction. The cost of said construction represents a change to the original bid package:

Procurement of New Materials

(14 ea.) Optical Sensor with discrete outputs to PLC
(4,420' lf) #14 AWG THWN copper wire
(150' lf) galvanized rigid conduit
(15' lf) liquid tight flexible conduit
(10 ea.) Liquid tight connectors
Miscellaneous fittings and appurtenances are also included

Installation of New Materials

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing, wire pulls, bending, electrical connections, mechanical connections, finishing activities, additional PLC programming and additional checkout and testing.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 34,200.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Air Eliminators

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date: CCR-004 Rev A - Air Eliminator

Date: Monday, August 15, 2005

Sale Price \$34,200.00
Total Costs \$29,826.80
Gross Margin % 12.79%
Gross Profit \$4,373.20

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|---|--------|----------------|--------------------|-------|-------------|--------------|-------------|-------------|
| # | Description | Part # | Vendor | Cost Each | Quant | Total Cost | Mult. | Price | |
| 1 | Air Eliminator Optical Sensor - not difference of hydraulic | na | Wells & Toeyer | \$1,237.00 | 14 | \$17,318.00 | 1.15 | \$19,815.70 | |
| 2 | #14 AWG THHN | na | Belden | \$0.75 | 5000 | \$3,750.00 | 1.15 | \$3,737.50 | |
| 3 | Galvanized rigid conduit | na | PP-14a | \$10.10 | 150 | \$1,515.00 | 1.15 | \$1,742.25 | |
| 4 | Liquid tight flexible conduit | na | PP-14a | \$0.72 | 15 | \$10.80 | 1.15 | \$12.42 | |
| 5 | Rigid conduits | na | PP-14a | \$0.89 | 10 | \$8.90 | 1.15 | \$9.60 | |
| 6 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 7 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 8 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | ABQ | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total E.C.M. Costs | | \$22,099.80 | Total E.C.M. | | \$25,414.77 |

| THIELSCH LABOR SERVICES | | | | | | | | | |
|-------------------------|---|------|-------------------------------|------------|---------|-------------|----------|----------|--|
| # | Description | Code | Manpower | Labor Rate | Quant. | Hours | Price | | |
| 101 | | 1083 | Project Manager | \$110.00 | 0 | | \$0.00 | | |
| 102 | QA, Check-out and testing procedure alterations | 1021 | Engineer | \$90.00 | 8 | | \$720.00 | | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | | \$0.00 | | |
| 105 | | 1140 | Foreman | \$57.75 | 0 | | \$0.00 | | |
| 106 | | 1138 | Draftsman | \$50.00 | 0 | | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | | \$0.00 | | |
| 108 | | 1078 | Pipefitter | \$83.00 | 0 | | \$0.00 | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | | \$0.00 | | |
| 110 | | 1043 | Mechanical Helper | \$35.20 | 0 | | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | | \$0.00 | | |
| 113 | | 1113 | Welder Helper | \$30.00 | 0 | | \$0.00 | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | | \$0.00 | | |
| 116 | | 4319 | Training | Engineer | \$60.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | | 1008 | Documentation Coord. | \$20.00 | 0 | | \$0.00 | | |
| MANDAY IMPACT | | | | | 1.00 | Total Labor | B | \$720.00 | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|---|-----------------------------|----------------|-----------------|--|------------|------------|------------|------------|
| # | Description | Name | Type | | | Mult. | Price | | |
| 201 | Extra wire pulls, terminations, additional conduit pull, and miscellaneous work as needed | Reliance T & E Construction | Electrical | | | \$3,507.00 | 1.15 | \$4,033.05 | |
| 202 | | | Mechanical | | | \$0.00 | 1.15 | \$0.00 | |
| 203 | Additional programming to incorporate electronic signal from AE | Reliance T & E Construction | SCADA/PLC | | | \$3,500.00 | 1.15 | \$4,025.00 | |
| 204 | | | Civil | | | \$0.00 | 1.15 | \$0.00 | |
| 205 | | | Gen. Services | | | \$0.00 | 1.15 | \$0.00 | |
| 206 | | | Support Groups | | | \$0.00 | 1.15 | \$0.00 | |
| 207 | | | Riggers | | | \$0.00 | 1.15 | \$0.00 | |
| 208 | | | Equipment | | | \$0.00 | 1.15 | \$0.00 | |
| 209 | | | Miscellaneous | | | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total Subs Cost | | \$7,007.00 | Total Subs | | \$8,058.05 |

| | | | |
|-----------|--|--------------------------|-------------|
| Comments: | | Total E.P.M. | \$25,414.77 |
| | | Total Labor | \$720.00 |
| | | Total Subs | \$8,058.05 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | 0 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% |
| | | TOTAL | \$34,192.82 |
| | | TOTAL + Retainage Comp @ | 0.00% |
| | | Additional TOTAL MARK-UP | 0.00% |
| | | SALES PRICE | \$34,192.82 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Friday, November 11, 2005 8:17 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order Number 4A

Tom and Mark,

Attached is Change Order CCR-004 Rev A on the air eliminator optical sensor and associated back-up.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Air Eliminators

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with "Specification Changes from Addendums and Value Engineering", dated 03-23-05, paragraph 2.D, a modification to the design of the Air Eliminators was added to the scope of work. The change from hydraulically operated float controls to electronically operated float controls within the Air Eliminator represents additional cost of construction. The cost of said construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

- (14 ea.) Optical Sensor with discrete outputs to PLC
 - (4,420' lf) #14 AWG THWN copper wire
 - (150' lf) galvanized rigid conduit
 - (15' lf) liquid tight flexible conduit
 - (10 ea.) Liquid tight connectors
- Miscellaneous fittings and appurtenances are also included

Installation of New Materials

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing, wire pulls, bending, electrical connections, mechanical connections, finishing activities, additional PLC programming and additional checkout and testing.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **41,700.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Air Eliminators

R. Roman deau 9/28/05
Thiensch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order**For required change to Air Eliminators****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with "Specification Changes from Addendums and Value Engineering", dated 03-23-05, paragraph 2.D, a modification to the design of the Air Eliminators was added to the scope of work. The change from hydraulically operated float controls to electronically operated float controls within the Air Eliminator represents additional cost of construction. The cost of said construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

| | |
|-------------|---|
| (14 ea.) | Optical Sensor with discrete outputs to PLC |
| (4,420' lf) | #14 AWG THWN copper wire |
| (150' lf) | galvanized rigid conduit |
| (15' lf) | liquid tight flexible conduit |
| (10 ea.) | Liquid tight connectors |

Miscellaneous fittings and appurtenances are also included

Installation of New Materials

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing, wire pulls, bending, electrical connections, mechanical connections, finishing activities, additional PLC programming and additional checkout and testing.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **41,700.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Air Eliminators

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

41,700

For required change to Air Eliminators

X Days

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with "Specification Changes from Addendums and Value Engineering", dated 03-23-05, paragraph 2.D, a modification to the design of the Air Eliminators was added to the scope of work. The change from hydraulically operated float controls to electronically operated float controls within the Air Eliminator represents additional cost of construction. The cost of said construction was to be determined as this represents a change to the original bid package:

Procurement of New Materials

- (14 ea.) Optical Sensor with discrete outputs to PLC
 - (4,420' lf) #14 AWG THWN copper wire
 - (150' lf) galvanized rigid conduit
 - (15' lf) liquid tight flexible conduit
 - (10 ea.) Liquid tight connectors
- Miscellaneous fittings and appurtenances are also included

Installation of New Materials

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing, wire pulls, bending, electrical connections, mechanical connections, finishing activities, additional PLC programming and additional checkout and testing.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **41,700.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 2 days *CONCURRENT*
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

*AKRS RICKS TIME
LU WRS JR ENA*

NO IMPACT TO CONTRACT TIME



T O W N O F
ADDISON

GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

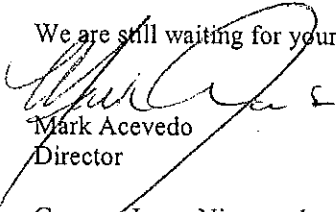
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order

For required change to relocation of George Haddaway Drive

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the electronic mail correspondence from Sam Lundgren, Washington Group (Engineer/CM), dated 4/22/05 6:09 PM with the subject "Construction Project Status Update and Meeting/Conference Call Minutes" and subsequent TELCON on 04/28/05; changes were made to original project design.

The hauling of added materials did not add to the scope of work and does not represent a change to the original bid package (see transmittal TH1005):

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 00.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is +0days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of George Haddaway Drive

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

**CONSTRUCTION GROUP**195 Frances Avenue
Cranston, Rhode Island 02910Phone: (401) 467-6454
Fax: (401) 461-6006

Transmittal No.: TH1005

Job No.: 41050015

Date: 09/26/2005

TO: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001**Project:** Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: Change/Clarification Request**ATTN:** Marc Acevedo

| WE ARE SENDING: | SUBMITTED FOR: | ACTION TAKEN: |
|---|---|--|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Approval | <input type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Letter | <input checked="" type="checkbox"/> Your Use | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Prints | <input type="checkbox"/> As Requested | <input type="checkbox"/> Returned After Loan |
| <input type="checkbox"/> Change Order | <input type="checkbox"/> Review and Comment | <input type="checkbox"/> Resubmit |
| <input type="checkbox"/> Plans | | <input checked="" type="checkbox"/> Submit |
| <input type="checkbox"/> Samples | SENT VIA: | <input type="checkbox"/> Returned |
| <input type="checkbox"/> Specifications | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Returned for Correction |
| <input checked="" type="checkbox"/> Other: Change/Clarification Request | <input type="checkbox"/> Separate cover via: Mail | Copies to Return: 0 |

| ITEM NO. | COPIES | DATE | ITEM NUMBER | REV. NO. | DESCRIPTION | STATUS |
|----------|--------|----------|-------------|----------|-----------------------|--------|
| 01 | 1 | 09/26/05 | CCR 005 | A | George Haddaway Drive | CLO |

Remarks: This CCR is to cancel previously issued CCR-005. This CCR was originally issued to request a contract change for additional work associated with the horizontal construction.

The contract document section 02245, paragraph 3.4 states the "haul from site and legally dispose of waste materials, including excess topsoil used for this project, rock, trash, and debris."

Should there be any questions or concerns please call this office immediately.

Check one: [X] Response to this CCR DOES NOT cause a change in Contract Price and/ or Contract Time.

[] Response to this CCR DOES cause a change in Contract Price and/ or Contract Time.

FOUO

Signed: _____
Richard Normandeau

Construction Change Order

18,500

4 Days

For required change to relocation of George Haddaway Drive

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the electronic mail correspondence from Sam Lundgren, Washington Group (Engineer/CM), dated 4/22/05 6:09 PM with the subject "Construction Project Status Update and Meeting/Conference Call Minutes" and subsequent TELCON on 04/28/05; changes were made to original project design.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original driveway design.

This modification to the design of the driveway design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Removal of Existing Driveway Materials

Remove the existing 3" layer of asphalt pavement.

Remove the existing underlying 12" layer of non-reinforced concrete which was originally thought to be a 12" layer of asphalt pavement.

Installation of New Driveway Materials

Install 5" ABC (Aggregate Base Course) to marriage a 15" depth

Install 10" thick concrete.

Concrete is reinforced with #4 rebar on 12" centers longitudinally and 24" on center transversely from entrance to loading ramp.

Price includes transporting materials, setting rebar, labor, stand-time, traffic-time, added labor, added machinery costs, installation of the materials identified, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **18,500.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 4 days *CONCURRENT*
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did not provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost and labor represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

(14 ea.) Miscellaneous 2" pipe fittings to allow proper connections to pump suction

Additional Freight Charges and Handling Fees

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 5,000.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

Thielsch Engineering, Inc.

Date

Town of Addison

Date

Confidential

CCR-006—Rev A

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

ADLISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001

Sale Price \$5,000.00
Total Costs \$4,532.72
Gross Margin % 9.35%
Gross Profit \$467.28

Bld Date: CCR-008 Rev A-Hand Draw-Off Pumps Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|---------------------------------------|--------|----------------|--------------------|--------|--------------|-------|--------------|------------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | Craft for pump with 4 ft suction lift | na | White & Tucker | \$325.00 | 14 | (\$4,550.00) | 1 | | (\$489.00) |
| 2 | Pump with 12 ft suction lift | na | White & Tucker | \$110.00 | 14 | \$1,540.00 | 1.15 | | \$1,771.00 |
| 3 | 2x2x17 reducing pipe | 0 | Ameyco | \$28.35 | 28 | \$793.80 | 1.15 | | \$912.87 |
| 4 | 2" 150# flange | 0 | Ameyco | \$9.32 | 14 | \$138.88 | 1.15 | | \$159.71 |
| 6 | coupling | 0 | Ameyco | \$6.40 | 14 | \$89.60 | 1.15 | | \$103.04 |
| 6 | 2" pipe | 0 | Ameyco | \$3.20 | 14 | \$44.80 | 1.15 | | \$51.52 |
| 7 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 8 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 9 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 10 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 11 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 12 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 13 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 14 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 15 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 16 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 17 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 18 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 19 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 20 | | 0 | ABO | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| | | | | Total E.C.M. Costs | | \$2,117.09 | | Total E.C.M. | \$2,508.14 |

| THEILSCH ENGINEERING LABOR | | | | | | | | | |
|----------------------------|---|------|-------------------------------|------------|--------------|-------------|----|--|------------|
| # | Description | Code | MAINPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1083 | Project Manager | \$110.00 | 0 | | | | \$0.00 |
| 102 | Engineering coordination communications additional submittals | 1021 | Engineer | \$90.00 | 10 | | | | \$900.00 |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | | | | \$0.00 |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | | | | \$0.00 |
| 105 | Coordination of Crafts | 1140 | Foreman | \$57.75 | 0 | | | | \$0.00 |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | | | | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | | | | \$0.00 |
| 109 | Labor-welder and fitter-2 hours per pump, 14 pumps | 1076 | Craftsman | \$54.13 | 28 | | | | \$1,515.64 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | | | | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | | | | \$0.00 |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | | | | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | | | | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | | | | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | | | | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | | | | \$0.00 |
| 116 | | 4319 | Training | \$60.00 | 0 | | | | \$0.00 |
| 117 | | 4320 | Training | \$35.00 | 0 | | | | \$0.00 |
| 118 | | 1009 | Documentation Coord. | \$20.00 | 0 | | | | \$0.00 |
| | | | MANDAY IMPACT | 4.75 | | Total Labor | 39 | | \$2,415.64 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-------------|------|----------------|-----------------|--------|------------|--|--|--------|
| # | Description | Name | Type | Mult. | Price | | | | |
| 201 | | | Electrical | \$0.00 | 1.075 | | | | \$0.00 |
| 202 | | | Mechanical | \$0.00 | 1.075 | | | | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | | | | \$0.00 |
| 204 | | | Civil | \$0.00 | 1.075 | | | | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.075 | | | | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.075 | | | | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.075 | | | | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.075 | | | | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | | | | \$0.00 |
| | | | | Total Subs Cost | \$0.00 | Total Subs | | | \$0.00 |

| | | | | | | | | | |
|-----------|--|--|--|--------------------------|-------|--|--|--|------------|
| Comments: | | | | | | | | | |
| | | | | Total E.P.M | | | | | \$2,508.14 |
| | | | | Total Labor | | | | | \$2,415.64 |
| | | | | Total Subs | | | | | \$0.00 |
| | | | | Travel | | | | | \$0.00 |
| | | | | Factory Training | | | | | \$0.00 |
| | | | | Permits | | | | | \$0.00 |
| | | | | Carrying Cost (days) | | | | | \$0.00 |
| | | | | Bonding | | | | | \$0.00 |
| | | | | TAX @ | 0.00% | | | | \$0.00 |
| | | | | TOTAL | | | | | \$4,923.78 |
| | | | | TOTAL + Retainage Comp @ | 0.00% | | | | \$4,923.78 |

| | | | | | | | | | |
|--|--|--|--|--------------------------|--|------------|--|--|--|
| Estimating Manager Approval _____ Date: _____ | | | | Additional TOTAL MARK-UP | | | | | |
| Engineering Manager Approval _____ Date: _____ | | | | SALES PRICE | | \$4,923.78 | | | |

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Friday, November 11, 2005 8:21 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Fw: Change Order 6A

Tom and Mark,

Attached is Change Order 006 Rev A on the hand operated water draw off pumps and associated back-up.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost was to be determined as this represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

Additional Feight Charges and Handling Fees

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 4,500.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

| | |
|-------------------------------------|----------------|
| <i>R. Normandeau</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to Hand Operated Draw-off Pumps

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The "as called for" hand operated pumps in the design specification did provide sufficient suction lift (4 feet). A new pump has been specified that provides 12 feet of suction lift. This modification to the original specified design of the hand operated draw off pump generates an additional cost of construction. This additional material cost was to be determined as this represents a change to the original bid package:

Credit for Original Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 4 foot suction lift

*TOM- WILL NEED
INVOICES ON
PUMPS.*

Newly Specified Materials

(14 ea.) Hand Operated Draw of Pumps with 12 foot suction lift

Additional Feight Charges and Handling Fees

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **4,500.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Hand Operated Draw-off Pumps

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 8:15 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 007--Conduit Under Tanks Additional Cost Information

Tom and Mark,

Attached is a summary of costs from the subcontractor, Rabalais Electric. These subcontractor costs match the line item cost in change order number 007 Rev A, which was submitted to the Town of Addison on November 11, 2005.

----- Forwarded by Richard Normandeau/Thielsch/Thielsch on 11/15/2005 10:45 AM -----

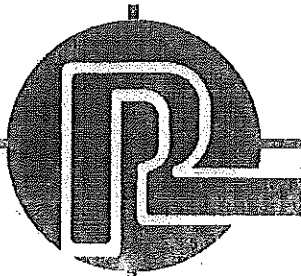
"Herman Cardona" <hcardona@rabalais.com>

To: "Rick Normandeau \ (E-mail)" <RNORMANDEAU@THIELSCH.COM>
cc:
Subject: FW: Change order RFI#6 Conduits under Tanks

09/22/2005 06:34 PM

-----Original Message-----

From: jbrown@rabalais.com [mailto:jbrown@rabalais.com]
Sent: Thursday, September 22, 2005 5:32 PM
To: Herman Cardona
Subject: Scan file from Minolta in Dallas



RABALAIS I&E CONSTRUCTORS

"Working to Achieve the Extraordinary"

INDUSTRIAL & COMMERCIAL ELECTRICAL CONSTRUCTION & MAINTENANCE
PNEUMATIC & ELECTRONIC INSTRUMENTATION CONSTRUCTION & MAINTENANCE
SYSTEMS INTEGRATION & PANEL FABRICATION
24-HOUR SERVICE DEPARTMENT

Main Office
11200 Up River Road
PO Box 10366
Corpus Christi, Texas
78460
(361) 242-3121
FAX (361) 242-2878

Central Texas Office
4343 Dividend Dr.
San Antonio, Texas
78219
(210) 333-1560
FAX (210) 333-1295

North Texas Office
1207 Ave. J. East
Grand Prairie, Texas
75050
(972) 647-4181
FAX (972) 522-1250

Website
www.rabalais.com

September 22, 2005

Town of Addison
Addison Airport Bulk Fuel Storage and Dispensing System

TO: Thielsch Engineering
Attn: Rick Normandeau
RE: RFI#6 Conduits under Tanks/ Additional fittings and sealtight.

Dear Mr. Normandeau, the following is the Change-order price to furnish and install additional fittings and sealtight flex conduit plus labor to cut and thread 90 conduits in place.

Total Price.....\$16,234.00

Thank you for the opportunity to quote on the above referenced project. Our scope is as described above and as follows:

- Exclude tax
- Exclude bonding
- Includes all applicable qualifications list on the Bid Letter dated February 25,2005.

If you have any questions or if I can be of further assistance please feel free to call me at 972-223-2804.

Sincerely,

Herman Cardona
Electrical Manager

Cc Bob Cuvelier

| | |
|-----------|---|
| Job ID: | C04- |
| Job Name: | ALBION AIRPORT BULK FUEL STOR |
| Report: | Rack/Tank Conduit Under Tank Modification |
| Notes: | |

(company name)
 (address 1)
 (address 2)
 (address 3)

| | |
|---------|---------|
| Date: | 9/22/08 |
| Page: | 1 |
| Time | |
| 5:20 PM | |

Report Generated from: Summary - All Levels

| Item # | Size | Item Desc | Qty | Mat Unit | Mat Ext |
|--------|------|-----------|-----|----------|---------|
|--------|------|-----------|-----|----------|---------|

Summary

Section 010 Rack/Tank Mod. Conduit under T

Category 005 FITTINGS

| | | | | | |
|------|--------|----------------------|-------|---------|-----------|
| 5465 | 1" | MALL LB W/CVR & GASK | 42.00 | 16.7500 | 703.5000 |
| 5467 | 1 1/2" | MALL LB W/CVR & GASK | 40.00 | 25.7100 | 1028.4000 |
| 5468 | 2" | MALL LB W/CVR & GASK | 8.00 | 36.5500 | 292.4000 |
| 5863 | 1 1/2" | CUT/THREAD-LABOR | 90.00 | 1.0000 | 90.0000 |

Subtotals for Category 005 FITTINGS

2114.3000

Category 008 FLEXIBLE CONDUIT & FITTINGS

| | | | | | |
|------|--------|----------------------|--------|---------|-----------|
| 8084 | 1" | LIQUIDTITE CONDUIT | 180.00 | 0.7500 | 135.0000 |
| 8086 | 1 1/2" | LIQUIDTITE CONDUIT | 160.00 | 1.8000 | 288.0000 |
| 8087 | 2" | LIQUIDTITE CONDUIT | 32.00 | 1.9000 | 60.8000 |
| 8104 | 1" | LIQUIDTITE ANGLE CON | 42.00 | 5.0550 | 212.3100 |
| 8106 | 1 1/2" | LIQUIDTITE ANGLE CON | 40.00 | 25.1098 | 1004.3920 |
| 8107 | 2" | LIQUIDTITE ANGLE CON | 8.00 | 37.6060 | 300.8480 |
| 8124 | 1" | LIQUIDTITE STR CONN | 42.00 | 2.2100 | 92.8200 |
| 8126 | 1 1/2" | LIQUIDTITE STR CONN | 40.00 | 7.6850 | 307.4000 |
| 8127 | 2" | LIQUIDTITE STR CONN | 8.00 | 14.1127 | 112.9016 |

Subtotals for Category 008 FLEXIBLE CONDUIT & FITTINGS

2514.4716

Subtotals for Section 010 Rack/Tank Mod. Conduit under T

4628.7716

Grand Totals for Summary

4628.7716

276 MANHOURS

Construction Change Order**For required change to Conduit Under Tanks****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the electronic mail correspondence from Sam Lundgren, Washington Group (Engineer/CM), dated 6/16/05 4:03 PM with the subject "RE: Conduit/Tank saddle interference", changes were made to original project design.

The stub-ups for the off-loading electrical racks interfere with the East end tank saddles. A design change was made to shift the tanks 4" to the West to avoid the interference. This caused a relocation of the thickened areas of concrete under the saddles the same distance. In addition, the conduit stub-ups are approximately 2'-8" under the tanks.

The lay out of the stub-ups was done using drawing sheets 19 and 28 which both show about 4' (not actually dimensioned as 4' but when scaled results in 4') distance between the inside wall of the containment and the Northern most projection on the horizontal centerline of the MoGas tank. The newly issued layout drawings are 1'-3".

Modification to the original specified design of the conduit under the tanks generates an additional cost of construction. This additional cost represents a change to the original bid package:

Credit for Original Specified Materials

(127 ea.) Straight Thru Explosion Proof conduit fittings

As conduit was run prior to concrete pour and prior to this modification, the work package had been completed. Therefore, no labor credit was given.

Newly Specified Materials

(127 ea.) 90 Degree Thru Explosion Proof conduit fittings

Additional Labor Charges and Handling

Price includes transporting materials, added labor, installation of materials, logistical changes, and finishing activities.

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 19,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Under Tanks

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$19,300.00
 Total Costs \$16,774.00
 Gross Margin % 13.09%
 Gross Profit \$2,526.00

ADDISON AIRPORT
 Public Works, 16501 Westgrove Drive
 Addison, Texas 75001
 Bid Date: CCR-007 Rev A--Conduit Under Tanks

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|--------------------|--------|------------|-------|--------------|--------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 2 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 3 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 4 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 5 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 6 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 7 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 8 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 9 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 10 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 11 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 12 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 13 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 14 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 15 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 16 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 17 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 18 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 19 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| 20 | | NA | | | | \$0.00 | 1.2 | \$0.00 | |
| | | | | Total E.C.M. Costs | | \$0.00 | | Total E.C.M. | \$0.00 |

| THIELSCH LABOR SERVICES | | | | | | | | | |
|-------------------------|---|------|-------------------------------|---------------|--------------|----------|--------|-------------|----------|
| # | Description | Code | MABPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1083 | Project Manager | \$110.00 | 0 | \$0.00 | | | |
| 102 | Engineering Coordination, communications, meetings, corrective action | 1021 | Engineer | \$90.00 | 6 | \$540.00 | | | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | |
| 105 | Coordination of crafts | 1140 | Foreman | \$57.75 | 0 | \$0.00 | | | |
| 106 | | 1138 | Draftsman | \$60.00 | 0 | \$0.00 | | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | | |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 | | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | |
| 113 | | 1113 | Welder-Helper | \$39.00 | 0 | \$0.00 | | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | |
| 116 | | 4319 | Training | Engineer | \$60.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | PO, CCR, Documentation, sub coordination | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 | | | |
| | | | | MANDAY IMPACT | | 0.75 | | Total Labor | 6 |
| | | | | | | | | | \$540.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-----------------------------------|------|----------------|-----------------|-------|-------------|--|------------|-------------|
| # | Description | Name | Type | | Mult. | Price | | | |
| 201 | Materials for conduit under tanks | | Electrical | \$18,234.00 | 1.15 | \$18,669.10 | | | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | | | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | | | |
| 204 | | | Chil | \$0.00 | 1.15 | \$0.00 | | | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | | | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | | | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | | | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | | | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | | | |
| | | | | Total Subs Cost | | \$16,234.00 | | Total Subs | \$18,669.10 |

| | | | | | | | |
|-----------|--|--|--|--|--|--------------------------|---------------|
| Comments: | | | | | | Total E.P.M | \$0.00 |
| | | | | | | Total Labor | \$540.00 |
| | | | | | | Total Subs | \$18,669.10 |
| | | | | | | Travel | \$0.00 |
| | | | | | | Factory Training | \$0.00 |
| | | | | | | Freight | \$0.00 |
| | | | | | | Permits | \$0.00 |
| | | | | | | Carrying Cost (days) | \$0.00 |
| | | | | | | Bonding | \$0.00 |
| | | | | | | TAX @ | 0.00% |
| | | | | | | TOTAL | \$19,209.10 |
| | | | | | | TOTAL + Retainage Comp @ | 0.00% |
| | | | | | | Additional | TOTAL MARK-UP |
| | | | | | | | SALES PRICE |
| | | | | | | | \$19,209.10 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:25 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order Number 7A

Tom and Mark,

Attached is Change Order 007 Rev A on the conduit that ended up under the tanks and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Conduit Under Tanks

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the electronic mail correspondence from Sam Lundgren, Washington Group (Engineer/CM), dated 6/16/05 4:03 PM with the subject "RE: Conduit/Tank saddle interference", changes were made to original project design.

The stub-ups for the off-loading electrical racks interfere with the East end tank saddles. A design change was made to shift the tanks 4" to the West to avoid the interference. This caused a relocation of the thickened areas of concrete under the saddles the same distance. In addition, the conduit stub-ups are approximately 2'-8" under the tanks.

The lay out of the stub-ups was done using drawing sheets 19 and 28 which both show about 4' (not actually dimensioned as 4' but when scaled results in 4') distance between the inside wall of the containment and the Northern most projection on the horizontal centerline of the MoGas tank. The newly issued layout drawings are 1'-3".

This relocation impacted and forced a modification to the dispensing side piping. Modification to the original specified design of the conduit under the tanks generates an additional cost of construction. This additional cost was to be determined as this represents a change to the original bid package:

Credit for Original Specified Materials

(127 ea.) Straight Thru Explosion Proof conduit fittings

As conduit was run prior to concrete pour and prior to this modification, the work package had been completed. Therefore, no labor credit was given.

Newly Specified Materials

(127 ea.) 90 Degree Thru Explosion Proof conduit fittings

Additional Labor Charges and Handling

Price includes transporting materials, added labor, installation of materials, logistical changes, and finishing activities.

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 10,800.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Under Tanks

| | |
|----------------------------|----------------|
| <u>R. Norman Dean</u> | <u>9/28/05</u> |
| Thielsch Engineering, Inc. | Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson



"Lundgren, Samuel"
<Samuel.Lundgren@wg
int.com>

06/16/2005 04:03 PM

To: <rnormandeau@thielsch.com>
cc: <JButler@thielsch.com>, <PKennefick@thielsch.com>, "Elguezabal,
Luis" <Luis.Elguezabal@wgint.com>,
<jnicewander@ci.addison.tx.us>, <HCordona@rabalais.com>
Subject: RE: Conduit/Tank saddle interference

Rick,

I believe this will work, provided we make sure of the filter separator and relaxation chamber set-up. Per the tank and piping layout drawing, this should make the dimension 7' -6" from the inside wall of secondary containment to the tank on the east side and 4' -0" from inside wall to tank on west side. We can adjust the drawing to verify.

Good solution.

Samuel Lundgren, P.E.
Program Manager
Washington Group International, Inc.
7800 E. Union Avenue, Suite 100
Denver, CO 80237
Phone (303) 843-3596, Fax (303) 843-3133, Cell (720) 530-7315

-----Original Message-----

From: rnormandeau@thielsch.com [mailto:rnormandeau@thielsch.com]

Sent: Thursday, June 16, 2005 12:18 PM

To: Lundgren, Samuel

Cc: JButler@thielsch.com; PKennefick@thielsch.com; Elguezabal, Luis;
jnicewander@ci.addison.tx.us; HCordona@rabalais.com

Subject: Conduit/Tank saddle interference

Sam

We discovered that the stub-ups for the off-loading electrical racks interfere with the east end tank saddles. However, by shifting the tanks 4" to the west, we can avoid the interference. We would also move the thickened areas of concrete under the saddles the same amount. In addition, the conduit stub-ups are approximately 2'-8" under the tanks.

The lay out of the stub-ups was done using drawing sheets 19 and 28 which both show about 4' (not actually dimensioned as 4' but when scaled results in 4') distance between the inside wall of the containment and the northmost projection on the horizontal centerline of the MoGas tank. Current drawings only show about 1'-3".

This will require some slight modification to the dispensing side piping but it should still physically work. I expect the submittals for the filter/separators and relaxation tanks with their actual dimensions this week.

Although I am not, are you aware of any problem that would be created by moving the 4"? If you're not I request permission to adjust the tank locations.

Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Conduit Under Tanks

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between Thielsch Engineering, Inc. (the "Contractor") and the Town of Addison (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The stub-ups for the off-loading electrical racks interfere with the East end tank saddles. A design change was made to shift the tanks 4" to the West to avoid the interference. This caused a relocation of the thickened areas of concrete under the saddles the same distance. In addition, the conduit stub-ups are approximately 2'-8" under the tanks.

The lay out of the stub-ups was done using drawing sheets 19 and 28 which both show about 4' (not actually dimensioned as 4' but when scaled results in 4') distance between the inside wall of the containment and the northmost projection on the horizontal centerline of the MoGas tank. The newly issued layout drawings are 1'-3".

This relocation impacted and forced a modification to the dispensing side piping. Modification to the original specified design of the conduit under the tanks generates an additional cost of construction. This additional cost was to be determined as this represents a change to the original bid package::

*- NOT IN COST P
DUE TO CHANGE IN DEPENDENT SYST.*

Credit for Original Specified Materials

RABRAS ONLY

(127 ea.) Straight Thru Explosion Proof conduit fittings

As conduit was run prior to concrete pour and prior to this modification, the work package had already been completed. Therefore, no labor credit was given.

Newly Specified Materials

(127 ea.) 45 Degree Thru Explosion Proof conduit fittings

Additional Labor Charges and Handling

Price includes transporting materials, added labor, installation of materials, logistical changes, and finishing activities.

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 10,800.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

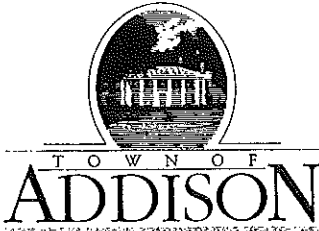
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Under Tanks

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

(972) 450-2800

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

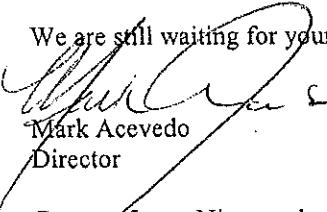
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb



Washington Group International

Integrated Engineering, Construction, and Management Solutions

October 28, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Order 009

Dear Mr. Normandeau:

We have reviewed your Change Order No. 009 regarding the oil water separator. The Town is still of the belief that this change order is the result of a construction error. Therefore, Change Order No. 009 is canceled.

This issue has been discussed in previous meetings and the Town was under the assumption that the alternative design that Mr. Normandeau provided was in lieu of pursuing the change order. That not being the case, the following is a listing the reasons we believe CCR is the responsibility of the contractor:

- The contractor submitted a shop drawing to use an alternative OWS than what was shown in the plans. It became incumbent on the contractor at that time to verify that the new OWS would work at this site. It is not the responsibility of the engineer to re-engineer and re-evaluate his/her design with each shop drawing submission.
- Sheet 4 of the project plans lists the "Sequence of Work." This sequence was not followed nor was there a revised sequence of work plan submitted.
 - Note 4 under the "Sequence of Work" states "Construct the underground connection for utilities, conduit and storm system, place pads, cabinets and other supporting structures."
 - Note 5 then states " Construct secondary containment structure and concrete pavement and install the oil water separator"

The intent behind these notes were to make sure that the (storm) system was to be built from the down stream to the upstream structures.

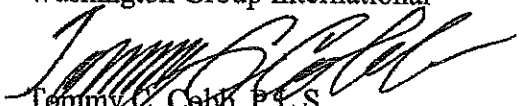
- Sheet 2, under the "General Notes", note 3 instructs the contractor to verify the location and depth of all underground utilities prior to start of construction.
- It is standard construction practice to build gravity flow systems from the down stream end to the upstream end. That was not the case in this situation. The oil water separator and the secondary containment system were in place before any storm line location was performed.



Washington Group International

Integrated Engineering, Construction, and Management Solutions

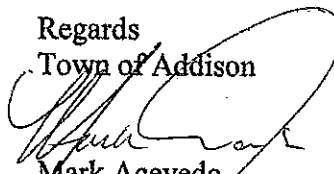
Very Truly Yours
Washington Group International



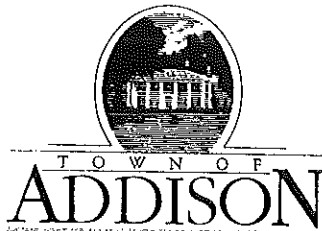
Jimmy C. Cobb, P.E.S.
Senior Construction Engineer

cc. Jenny Nicewander
Lisa Pyles
Luis Elguezabal
Ted Rigo

Regards
Town of Addison



Mark Acevedo
Director



GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

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CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

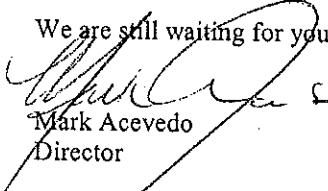
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We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Customer: _____

Tel. (401) 467-6454

Lab Number: _____

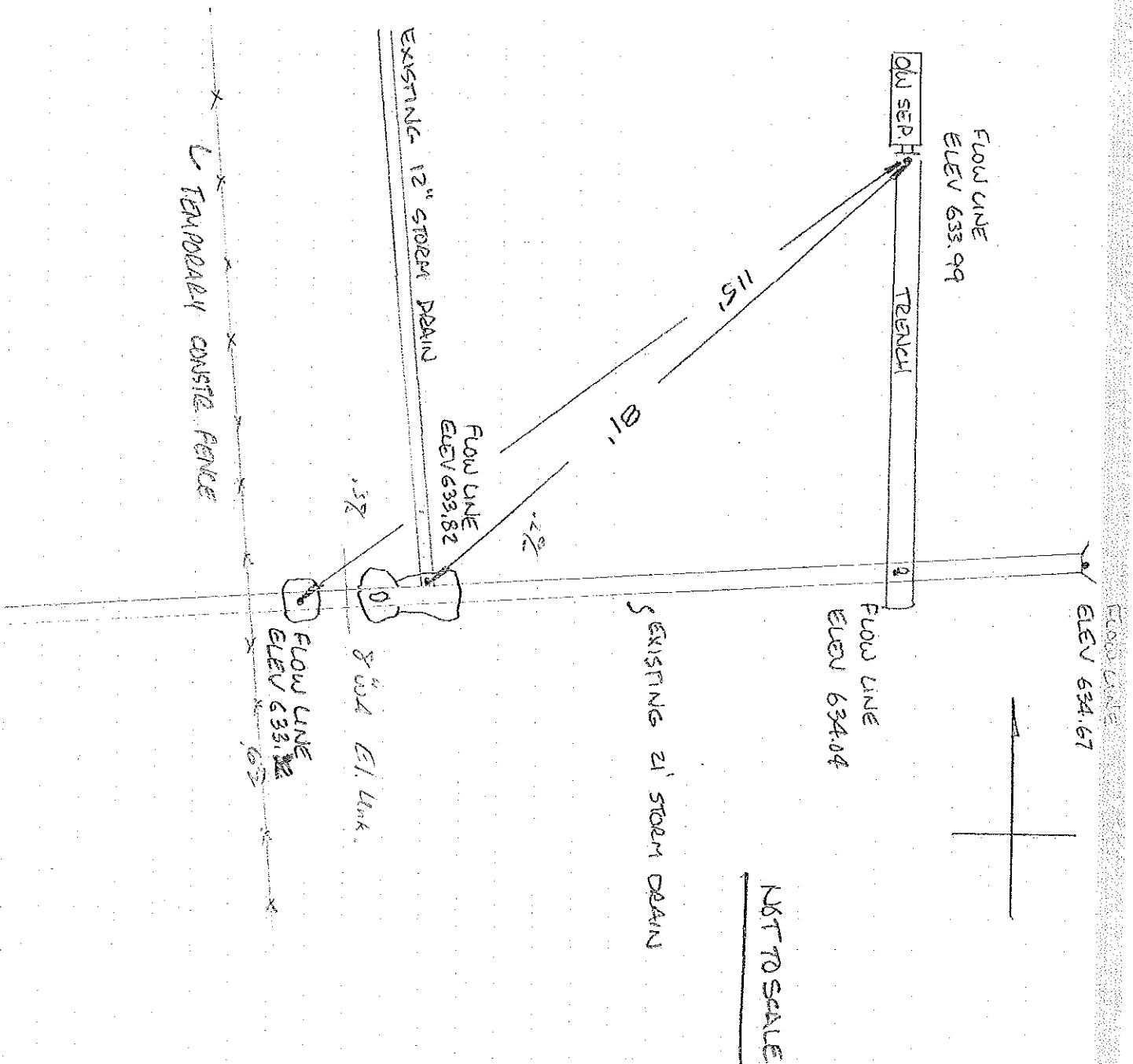
Facility: _____

Fax (401) 467-2398

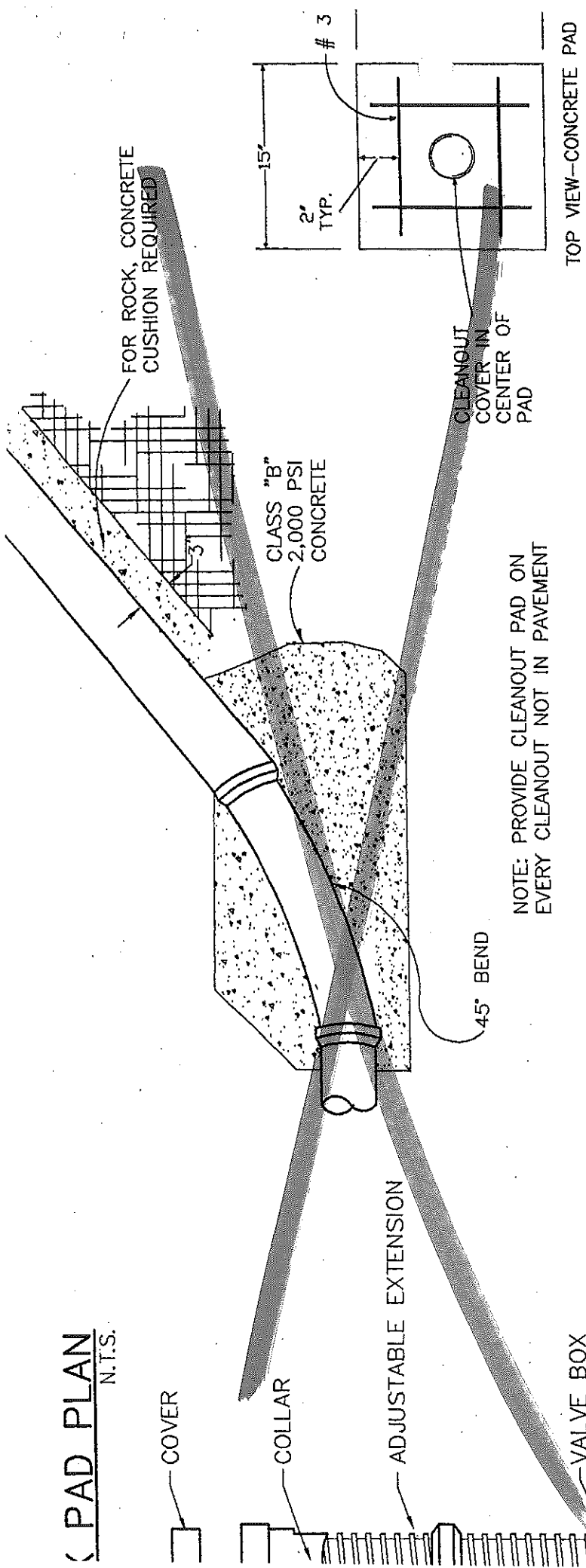
Date: 8/16/05

Project: ADDISON FUEL FARM

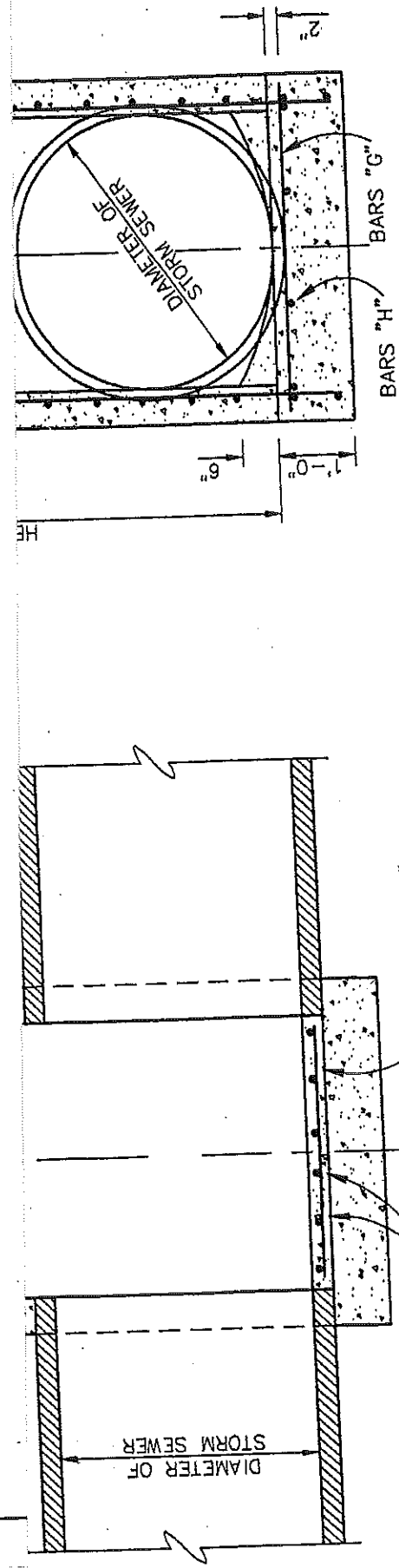
Engr./Inspector: R. Normandeau



C PAD PLAN
N.T.S.



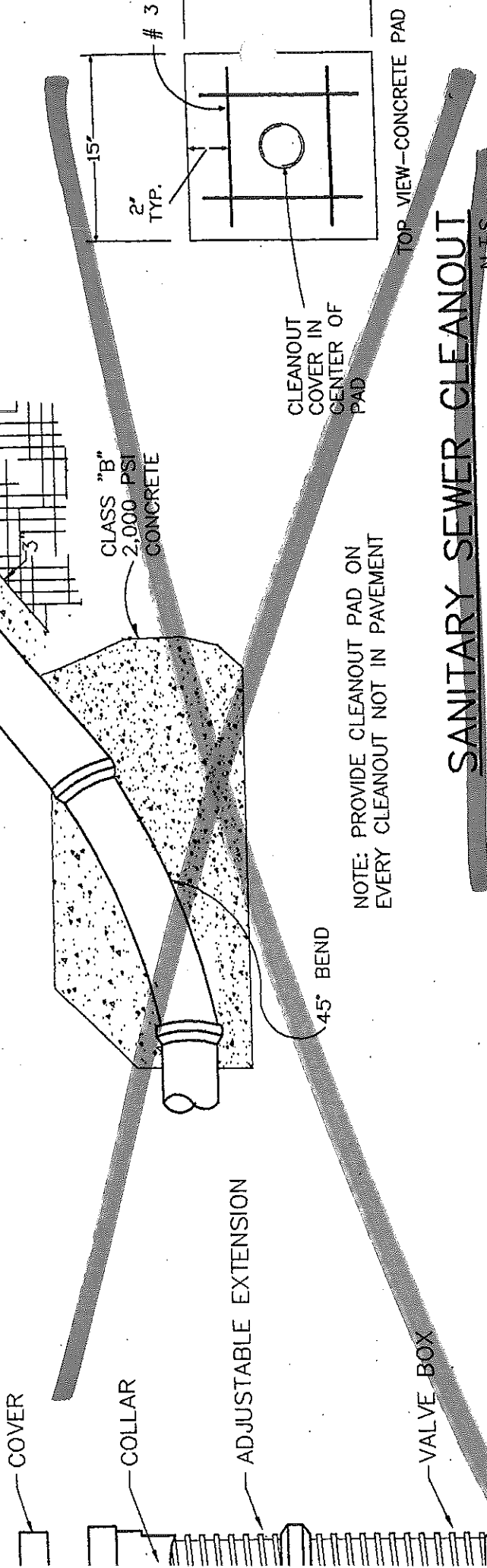
SANITARY SEWER CLEANOUT
N.T.S.



ELEVATION
CAST-IN-PLACE STORM SEWER MANHOLE
N.T.S.

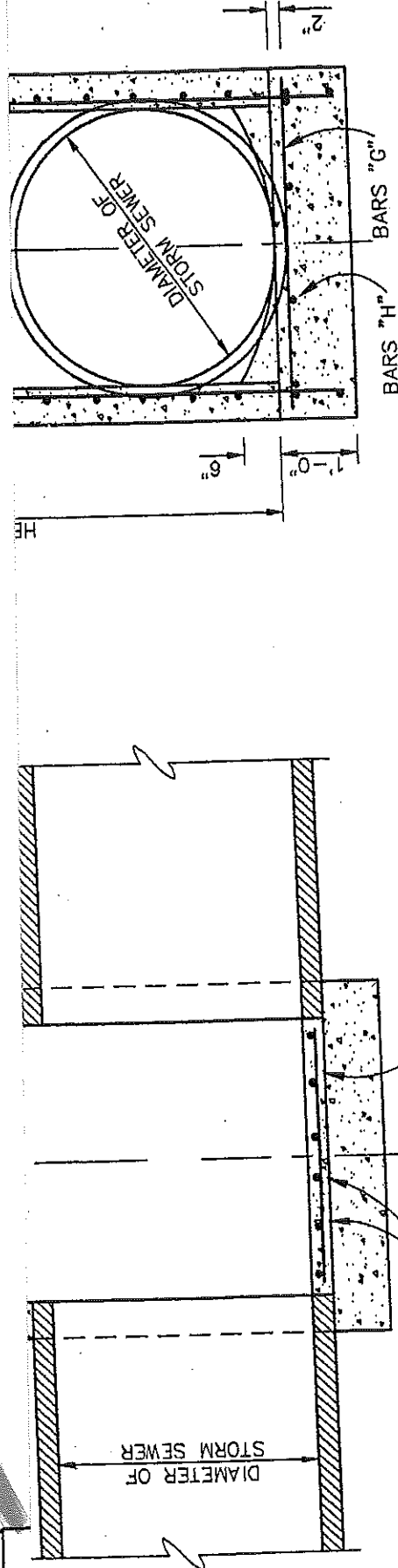
DETAILS

PAD PLAN
N.T.S.



NOTE: PROVIDE CLEANOUT PAD ON EVERY CLEANOUT NOT IN PAVEMENT

SANITARY SEWER CLEANOUT
N.T.S.



ELEVATION
CAST-IN-PLACE STORM SEWER MANHOLE
N.T.S.

DETAILS

Construction Change Order**For required change to relocation of Filter/Separator****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the FBOs request to have fuel filtered and separated in both the loading and unloading activities; changes were made to original project design.

Due to changes in process criteria used in preparation of the original design, an Engineering change was made to the original piping design. "Update on Construction Status and Issues for the Bulk Fuel Storage and Dispensing System, Addison Airport", author Sam Lundgren, Engineer (WGI) dated August 4th, 2005, dated August 11th, 2005, dated August 17th, 2005; dated August 24th, 2005; paragraph 4 document the change in piping design. Also see, "Construction Activity Report", author Rick Normandeau, Construction/Project Manager (TEI) dated July 29th, 2005.

This modification to the placement of the filter/separator caused a significant change in the piping layout. At the request of the Project Manager, Thielsch construction personnel developed a conceptual layout using equipment templates and piping and valve criteria. In order to minimize impact to the overall project schedule, photographs were forwarded to the Project Manager and an acceptable alternative equipment layout was developed. This change in design has created rework of previously fabricated weld joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor led the effort in developing the revised piping layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

10 welds had to be cut out

7 welds had to be re-welded; 21 welds were re-positioned and re-used

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
10 welds had to be re-welded
56 welds were re-positioned and re-used

Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
10 welds had to be re-welded
60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **163,000.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 21 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thiensch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$163,000.00
 Total Costs \$159,946.39
 Gross Margin % 1.87%
 Gross Profit \$3,053.61

ADDISON AIRPORT
 Public Works, 16501 Westgrove Drive
 Addison, Texas 75001

Bid Date: CCR-010 Rev A - Filter Separator Relocation

Contract Type: Construction Change Request

EQUIPMENT, COMPONENTS, MATERIALS

| # | Description | Part # | Vendor | Cost Each | Quant | Total Cost | Mult. | Price |
|----|--|--------|-----------|--------------------|-------------|--------------|-------|-------------|
| 1 | Reorder (Reusable Lengths) PIPE 3" Epoxy Coated Inside and out | CA | AMER PIPE | \$10.88 | 1200 | \$12,816.00 | 1.15 | \$14,738.40 |
| 2 | Reorder (Reusable Lengths) PIPE 3" Epoxy Coated Inside and out | CA | AMER PIPE | \$9.10 | 400 | \$3,240.00 | 1.15 | \$3,726.00 |
| 3 | Reorder 4" Flanges | CA | AMER PIPE | \$19.26 | 32 | \$629.76 | 1.15 | \$724.22 |
| 4 | Reorder 4" 90 degree elbows | CA | AMER PIPE | \$14.19 | 21 | \$297.99 | 1.15 | \$342.69 |
| 5 | Reorder 3" Flanges | CA | AMER PIPE | \$13.82 | 6 | \$82.92 | 1.15 | \$95.36 |
| 6 | Reorder 3" 90 degree elbows | CA | AMER PIPE | \$13.93 | 4 | \$54.52 | 1.15 | \$62.70 |
| 7 | | | | | | | 1.15 | \$0.00 |
| 8 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 9 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 10 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 11 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 12 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 13 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 14 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 15 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 16 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 17 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 18 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 19 | | | | | | \$0.00 | 1.15 | \$0.00 |
| 20 | | | | | | \$0.00 | 1.15 | \$0.00 |
| | | | | Total E.C.M. Costs | \$17,121.19 | Total E.C.M. | | \$19,689.37 |

TEI LABOR SERVICES

| # | Description | Code | Manpower | Labor Rate | Quant. Hours | Price | |
|-----|--|------------------------------------|---------------|------------|--------------|-------------|--------------|
| 101 | Communications, meetings, field verification, logistics and support | 1093 Project Manager | 1 | \$110.00 | 160 | \$17,600.00 | |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 Engineer | 1 | \$90.00 | 160 | \$14,400.00 | |
| 103 | | 1109 Tech. Engineer | 0 | \$90.00 | 0 | \$0.00 | |
| 104 | Update Weld Map Documentation | 1105 Foreman | 1 | \$57.75 | 150 | \$9,662.50 | |
| 105 | Weld Count - Reusable assemblies, inspection | 1140 Foreman | 1 | \$57.75 | 150 | \$9,662.50 | |
| 106 | | 1136 Draftsman | 0 | \$60.00 | 0 | \$0.00 | |
| 107 | Cut-out, Rework, Weld, refl | 1111 Craftsman | 8 | \$54.13 | 600 | \$32,478.00 | |
| 108 | Cut-out, Rework, Prep, refl | 1078 Pipefitter | 8 | \$54.13 | 600 | \$32,478.00 | |
| 109 | | 1052 Mechanic | 0 | \$63.00 | 0 | \$0.00 | |
| 110 | | 1043 Mechanical-helper | 0 | \$35.20 | 0 | \$0.00 | |
| 111 | | 1112 Structural Welder | 0 | \$60.00 | 0 | \$0.00 | |
| 112 | | 1052 Structural Welder- Journeyman | 0 | \$40.00 | 0 | \$0.00 | |
| 113 | | 1113 Welder-Helper | 0 | \$30.00 | 0 | \$0.00 | |
| 114 | painting and wrap | 1064 Painter | 4 | \$32.28 | 120 | \$3,871.20 | |
| 115 | Stand-line, Cut-out, Rework, Prep, refl | 1043 Shop Weld Labor | 0 | \$35.25 | 0 | \$0.00 | |
| 116 | | 4319 Training Engineer | 0 | \$60.00 | 0 | \$0.00 | |
| 117 | | 4320 Training Tech | 0 | \$35.00 | 0 | \$0.00 | |
| 118 | P.O., CCR, Documentation | 1008 Documentation Coord. | 1 | \$20.00 | 40 | \$800.00 | |
| | | | MANDAY IMPACT | 10 | Total Labor | 1980 | \$118,952.20 |

SUB CONTRACTOR SERVICES

| # | Description | Name | Type | Mult. | Price | | |
|-----|-------------|------|----------------|-----------------|------------|------------|------------|
| 201 | | | Electrical | \$0.00 | 1.075 | \$0.00 | |
| 202 | | | Mechanical | \$0.00 | 1.075 | \$0.00 | |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | \$0.00 | |
| 204 | | | Civil | \$0.00 | 1.075 | \$0.00 | |
| 205 | | | Gen. Services | \$0.00 | 1.075 | \$0.00 | |
| 206 | | | Support Groups | \$0.00 | 1.075 | \$0.00 | |
| 207 | | | Riggers | \$0.00 | 1.075 | \$0.00 | |
| 208 | | | Equipment | \$3,150.00 | 1.15 | \$3,622.50 | |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | \$0.00 | |
| | | | | Total Subs Cost | \$3,150.00 | Total Subs | \$3,622.50 |

Comments:

| | |
|------------------------------------|--------------|
| Total E.P.M. | \$19,689.37 |
| Total Labor | \$118,952.20 |
| Total Subs | \$3,622.50 |
| Travel-extend all field operations | \$20,223.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | \$0.00 |
| Bonding | \$0.00 |
| TAX @ 0.00% | \$0.00 |
| TOTAL | \$162,987.07 |
| TOTAL + Retainage Comp @ 0.00% | \$162,987.07 |
| Additional TOTAL MARK-UP | |
| SALES PRICE | \$162,987.07 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:28 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order Number 10A

Tom and Mark,

Attached is Change Order 010 Rev A on the filter/separator relocation and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to relocation of Filter/Separator

05-02 Bulk Fuel Storage and Dispensing System

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1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the FBOs request to have fuel filtered and separated in both the loading and unloading activities; changes were made to original project design.

Due to changes in process criteria used in preparation of original design, an Engineering change was made to the original piping design. "Update on Construction Status and Issues for the Bulk Fuel Storage and Dispensing System, Addison Airport", author Sam Lundgren, Engineer (WGI) dated August 4th, 2005, dated August 11th, 2005, dated August 17th, 2005; dated August 24th, 2005; paragraph 4 document the change in piping design. Also see, "Construction Activity Report", author Rick Normandeau, Project Manager (TEI) dated July 29th, 2005.

This modification to the placement of the filter/separator caused a significant change in the piping layout. This change in design has created rework of previously fabricated joints. In many instances, NDE was required to be reworked. In an effort to expedite this significant change, the Contractor assisted in pipe layout, determination of reusable material and piping isometric material.

Due the extreme impact to labor, materials, and schedule that was created by this change, the additional cost of construction was to be determined as this represents a change to the original bid package:

Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

10 welds had to be cut out
7 welds had to be re-welded
21 welds were re-positioned and re-used

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
10 welds had to be re-welded
56 welds were re-positioned and re-used

Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

14 welds had to be cut out
10 welds had to be re-welded
60 welds were re-positioned and re-used

Pipe and fittings were wasted, numerous pipe cuts were made to re-use sub-assemblies, numerous hours were used to review where to re-position and use welds, for efficiency purposes, to make use of the most previously completed and tested weld joints. In addition, numerous revisions to isometric and weld maps were drawn and copied.

Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 163, 300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 21 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

Addison Airport—Bulk Fuel Storage and Dispensing Station

I. Topic: Schedule Impact—Construction Change Request—Relocation of Filter/Separator.

II. Background/Overview—the Addison Texas bulk fuel storage and dispensing station project is considered new construction; such projects follow a traditional schedule from inception to completion:

1. Engineering
2. Solicit Bids
3. Award Project
4. Civil/Site Preparation
5. Concrete—roads and equipment foundations
6. Structural steel
7. Install Major Equipment, including storage tanks and pumps
8. Install Piping
9. Instrument and Electrical
10. Commissioning and Start-up

Other project components are included in this particular project, such as landscaping/irrigation, and installation of a canopy, but the major project components are listed above. These project components are generally addressed in consecutive order. Activities begin with step 1 and continue through step 10. At any given time, activity can occur across all of the steps—however, the majority of the work proceeds in the order given. Since this is a lump sum project, the bid was prepared with due consideration for the following: a) materials cost and delivery; b) subcontractor cost, quality of work, and productivity; c) installation costs, quality of work, and productivity; d) overall quality assurance program and required post-completion documentation; and e) startup and commissioning. A schedule was prepared to monitor progress and determine relationships between individual project tasks.

Consistent with this task listing, the project is built “from the ground up”. The first step in the field is to prepare the site for the concrete work-- followed by concrete, structural steel, installation of the storage tanks, etc. The project moves forward in this order because the concrete is needed before the storage tanks can be set; the structural steel needs to be installed before piping can be installed; and the storage tanks, piping, and steel have to be in place before the electrical and instrumentation can be run, etc.

Emphasis is placed on minimizing changes in the field; if changes are required, it is better for them to occur early in the project—to minimize rework and to maintain high productivity through the various construction phases. If a required change is identified, the following sequence must occur:

1. Engineer the optimum “work-around”—in terms of schedule, cost, and project quality.
2. Identify any additional materials or services that need to be purchased to implement the change.
3. Purchase the additional materials and/or services.
4. Take delivery of the materials/services
5. Install the materials
6. Verify proper installation.

III. Impact of Filter/Separator Relocation—Thielsch Engineering estimated the project cost and schedule based on pre-fabrication of a large percentage of the large bore piping in their Corpus Christi fabrication facility, followed by mobilization to the Addison site and completion of piping on-site. The factors favoring this approach were as follows:

- Qualified welders were on-site
- Quality assurance procedures were in place
- Experienced supervision was available
- Work could progress independent of Addison site activity; progress could be made in parallel with those tasks that traditionally precede piping

By the time it was determined that the filter/separator would need to be relocated, previously welded spool pieces had already been shipped to the site and qualified welders and welding supervision had already mobilized to the Addison site. This mobilization took place in conjunction with other construction activities at the Addison site—the timing was intended to dovetail with these activities; the tanks were set, and the site was “ready” for welding activities to continue.

The impact of the filter/separator relocation is best described by detailing the activities that occurred around that event:

Identification of Problem

- TEI is advised of potential problem (on or about Monday, July 25)

- TEI begins to identify and evaluate options to address the problem

Physical layout design

- Conceptual layout of equipment patterns to check for fit, interferences, and accessibility. Rick Normandeau sent e-mail with pictures of proposed new layout on Wednesday July 27.
- Detailed dimensioning of fittings, valves, flex hoses, etc.
- Elevation checks of fitting offsets to mate with equipment flanges.
- Verify fill and suction line routings to clear tank openings.
- Obtain field dimensions using plumb bobs and squares.
- Check layout for other tanks because electrical conduit and racks existed on some.

Documentation revisions

- Draw isometrics and include field measured dimensions.
- FOR EACH OF THE 14 TANKS draw new weld maps for new piping and equipment configuration.
- Review weld tracking charts and ID which welds were already made on the 14 new weld maps.
- Determine which pipe spools were eliminated or changed.
- Try to make deleted spools usable elsewhere in the piping.
- Renumber the welds on the new weld maps with the actual numbers they were made by.
- Determine which welds were to be cut out to be able to use some of the welds and fittings in the new configuration.
- Check for duplicate weld numbers.
- Update weld maps and quality assurance documentation

Physical work and rework

- Locate spool pieces to be reused but at different locations
- ID welds to be cut out – get second person to confirm correct weld to be cut
- Re-prep pipe/fittings
- Re-weld cut out welds

The impact in terms of days is summarized below:

1. *Identification of Problem—1 day*; the problem was communicated to the field, and the work force was immediately notified that a significant change was being considered. Productivity was immediately affected.

2. *Paper Revisions—8 days*; the tasks listed for this section are summarized above. This was a significant undertaking—completed by field construction personnel in conjunction with home office engineering personnel.
3. *Physical work and rework—14 days*; while some other welds that were unaffected by the modification were being made, the rearrangement activities for the reworked and re-positioned spools significantly slowed productivity. In addition, some of the manpower working the pipe had to be reassigned to work other activities until the majority of the documentation could be sorted out. Although the transition back to full production lasted for several weeks, if consolidated, it is estimated to have been a full 14 days. When the work was proceeding as originally planned, a significant number of quality/acceptable welds were being completed. The steps required to reuse as much of the piping as possible required a work stoppage, and a significant loss of productivity.
4. *Impacting other disciplines—5 days*; as a result of delaying the completion of the piping, valves, supports, and equipment installation, it followed that the electrical and painting activities were delayed as well. It is estimated that the piping delays described above resulted in a 5 day delay to the work that had to follow the piping completion. This is a conservative estimate, since a significant change like this impacts other disciplines—instrument/electrical, painting, quality assurance documentation, field purchasing, etc.

Even though this adds up to a 28 day impact, we recognized then—and are giving credit now—that there were steps we would take to shorten the overall impact of the filter/separator relocation.

Total 21 days

IV. Discussion: The point was made early in this document that a new construction project generally follows a traditional schedule, and that changes have a varying degree of project schedule (and cost) impact depending on when they occur. A change of this magnitude, three months into the construction cycle and six+ months after receipt of a “complete” engineering package, has a very significant effect on all construction disciplines.

From the beginning of the project, Thielsch has teamed with the Town of Addison and the Engineers supporting this project by working through issues--by providing suggestions, obtaining field information when requested, and suggesting modifications to save time and money; it has been our experience that the Town, and Engineers, responded in kind. If Thielsch Engineering had not taken a pro-active role in immediately trying to come up with a new piping and equipment configuration that would physically fit and perform as intended—an activity which is traditionally the role of the Engineering firm, not the Construction Contractor—then the impact of the change to the schedule would have been much greater.

Construction Change Order

For required change to relocation of Filter/Separator

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

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Rework of Piping

Tank #1 - 25,000 gallon 4" diameter pipe Jet A

- 10 welds had to be cut out
- 7 welds had to be re-welded
- 21 welds were re-positioned and re-used

*FBO walk thru to change to design
ATA 103
Burns & Mac... not designed to industry std
ATA 103*

NON DESTRUCT. Enhancements

re-weld prev. fab. joints

Rework of Piping Continued

Tanks #2, 6, 7, 9, 10, 12, and 13 - 25,000 gallon 4" diameter pipe Jet A

56 welds had to be cut out
35 welds had to be re-welded
196 welds were re-positioned and re-used

Tanks #4 and 5 - 15,000 gallon 4" diameter pipe Jet A

16 welds had to be cut out
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Tanks #3, 8, 11 and 14 - 15,000 gallon 3" diameter pipe AvGas

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Price includes transporting materials, re-work labor, stand-time, added labor, added consumables costs, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 163, 300.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 21 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to relocation of Filter/Separator

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to Add 5 Static Grounding Reels

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A design change was made to add 5 Static Grounding Reels to the tanker truck unloading side of the tank containment. The addition of the 5 Static Grounding Reels represents a modification to the original specified design and generates an additional cost of construction. This additional cost represents a change to the original bid package:

Newly Specified Materials

(5 ea.) Static Grounding Reels

Additional Labor Charges and Handling

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing wire, electrical connections, mechanical connections and finishing activities.

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 5,700.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Add 5 Static Grounding Reels

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Friday, November 11, 2005 8:34 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 11A

Tom and Mark,

Attached is Change Order 011 Rev A on the addition of 5 static reels and associated back-up.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Add 5 Static Grounding Reels

05-02 Bulk Fuel Storage and Dispensing System

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A design change was made to add 5 Static Grounding Reels to the tanker truck unloading side of the tank containment. The addition of the 5 Static Grounding Reels represents a modification to the original specified design and generates an additional cost of construction. This additional cost was to be determined as this represents a change to the original bid package:

Sheet 19 truck side

Newly Specified Materials

(5 ea.) Static Grounding Reels

Additional Labor Charges and Handling

Installation includes transporting materials, setting conduit runs, installation of the components identified, field routing wire, electrical connections, mechanical connections and finishing activities.

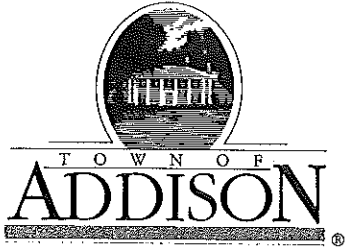
- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **5,700.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Add 5 Static Grounding Reels

| | |
|-------------------------------------|----------------|
| <i>R. Hornard</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

(972) 450-2800

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010
October 11, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

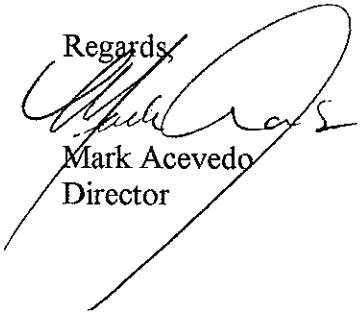
Subject: Addison, Texas Airport Fuel Farm
Change Order 11

Dear Mr. Normandeau

The following Change Order request is accepted:

CCR 11 as Transmitted 9/28/2005: Install 5 additional Static Grounding Reels on a time and materials basis, cost not to exceed \$5,700.00 is hereby approved as submitted.

Regards,



Mark Acevedo
Director

cc. Jenny Nicewander
Louis Elguezabal
Ted Rigo
Tom Cobb

Construction Change Order

For required change to Conduit Overfill RFI #7

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to RFI #7 as issued by Engineering (Washington Group International), above ground conduits were added to the scope of work.

These conduit runs also required the addition of guards in trip hazard areas. These changes represent a change to the original bid package and additional cost of construction.

Procurement of New Materials

1" Conduit

Installation of New Materials

Installation includes installation of new conduit, field threading and bending, field routing, mechanical connections, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ 8,000.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Overfill RFI #7

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering Estimate

Date: Monday, August 15, 2005

Sale Price \$8,000.00
 Total Costs \$6,939.00
 Gross Margin % 13.26%
 Gross Profit \$1,061.00

ADDISON AIRPORT
 Public Works, 16501 Westgrove Drive
 Addison, Texas 75001

Bid Date: CCR-012 Rev A--Conduit Overfill

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|--------------------|--------|--------------|-------|--------|--------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 2 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 3 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 4 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 5 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 6 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 7 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 8 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 9 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 10 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 11 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 12 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 13 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 14 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 15 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 16 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 17 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 18 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 19 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| 20 | | | | | | \$0.00 | 1.2 | | \$0.00 |
| | | | | Total E.C.M. Costs | \$0.00 | Total E.C.M. | | \$0.00 | |

| THIELSCH ENGINEERING | | | | | | | | | |
|----------------------|--|------|-------------------------------|---------------|--------|-------------|-------|---|----------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. | Hours | Price | | |
| 101 | | 1093 | Project Manager | \$110.00 | 0 | | | | \$0.00 |
| 102 | Engineering: communications, coordination, meetings, corrective action | 1021 | Engineer | \$90.00 | 4 | | | | \$360.00 |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | | | | \$0.00 |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | | | | \$0.00 |
| 105 | Draft Coordination | 1140 | Foreman | \$57.75 | 0 | | | | \$0.00 |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | | | | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | | | | \$0.00 |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | | | | \$0.00 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | | | | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | | | | \$0.00 |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | | | | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | | | | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | | | | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | | | | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | | | | \$0.00 |
| 116 | | 4318 | Training Engineer | \$60.00 | 0 | | | | \$0.00 |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | | | | \$0.00 |
| 118 | PO, CCR, Documentation, sub coordination | 1008 | Documentation Coord. | \$20.00 | 0 | | | | \$0.00 |
| | | | | MANDAY IMPACT | 0.5 | Total Labor | | 4 | \$360.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-----------------------------------|----------|----------------|-----------------|------------|------------|--|------------|------------|
| # | Description | Name | Type | Mult. | Price | | | | |
| 201 | Conduit overfill Correction RFI's | Relatare | Electrical | 1.15 | \$8,579.00 | | | | \$7,565.85 |
| 202 | | | Mechanical | 1.15 | \$0.00 | | | | \$0.00 |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 | | | | \$0.00 |
| 204 | | | Civil | 1.15 | \$0.00 | | | | \$0.00 |
| 205 | | | Gen. Services | 1.15 | \$0.00 | | | | \$0.00 |
| 206 | | | Support Groups | 1.15 | \$0.00 | | | | \$0.00 |
| 207 | | | Riggers | 1.15 | \$0.00 | | | | \$0.00 |
| 208 | | | Equipment | 1.15 | \$0.00 | | | | \$0.00 |
| 209 | | | Miscellaneous | 1.15 | \$0.00 | | | | \$0.00 |
| | | | | Total Subs Cost | \$8,579.00 | Total Subs | | \$7,565.85 | |

| | | | | | |
|-----------|--|--|--|--------------------------|------------|
| Comments: | | | | Total E.P.M | \$0.00 |
| | | | | Total Labor | \$360.00 |
| | | | | Total Subs | \$7,565.85 |
| | | | | Travel | \$0.00 |
| | | | | Factory Training | \$0.00 |
| | | | | Freight | \$0.00 |
| | | | | Permits | \$0.00 |
| | | | | Carrying Cost (days) | \$0.00 |
| | | | | Bonding | \$0.00 |
| | | | | TAX @ | 0.00% |
| | | | | TOTAL | \$7,925.85 |
| | | | | TOTAL + Retainage Comp @ | 0.00% |
| | | | | Additional TOTAL MARK-UP | \$7,925.85 |
| | | | | SALES PRICE | \$7,925.85 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Friday, November 11, 2005 8:38 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com;
PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 12A

Tom and mark,

Attached is Change Order 012 Rev A on the conduit overfill identified in RFI 007 and associated back-up.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Conduit Overfill RFI #7

05-02 Bulk Fuel Storage and Dispensing System

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Installation of New Materials

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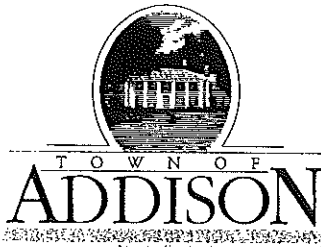
2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 9,400.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Conduit Overfill RFI #7

| | |
|-------------------------------------|----------------|
| <i>R. Hornan Dean</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

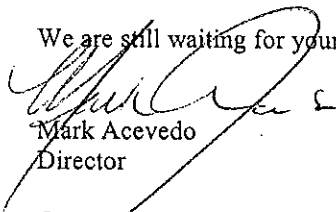
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order**For required change to Paint Striping****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, deleting the 6" wide paint striping for the direction of traffic for the airport refueling trucks. In addition, a 6" wide stripe between the concrete drive and 6" thick concrete surface on the tanker truck unloading side of containment.

This modification to the original design of the 6" wide paint striping (detailed sheet 9 and 10 of construction drawings) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid 6" Paint Striping Design

(850' LF) 6" wide white striping

Installation of New 6" Paint Striping Design

(231' LF) 6" wide white striping

Prices include transporting materials, labor, material cost, installation of materials, and finishing activities.

2. As consideration for the changes, the Contractor shall credit to the Principal the Credit the sum of \$ 250.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

THIELSCH ENGINEERING, INC.

195 Frances Avenue
Cranston, RI 02910-2211
Tel. (401) 467-6454
Fax (401) 467-2398

November 18, 2005

Mr. Mark Acevedo
Director
General Services Department
International
Town of Addison
Post Office Box 9010
Addison, TX 75001-9010

Mr. Tommy C. Cobb
Senior Construction Engineer
Washington Group

7800 E. Union Avenue
Denver CO 80237

SUBJECT: Addison, TX Airport Fuel Farm
Change Order 14A--Warranty

Dear Sirs:

I think it is important that we go on record and clarify our position on the need for climate control in the MCC/PLC electrical equipment enclosure, as well as our position on who warranties what.

After many weeks of discussion, the efforts related to this change order resulted in your letter of October 28; that letter stated that "the designer of the cabinet does not believe the air conditioner is needed. Therefore, Change Order No. 14 A is cancelled." We responded with our letter of November 1, stating that "your declination of Change Order 14A—addition of air conditioning to the motor control cabinet—is noted and accepted. Your designation of "designer" as the basis for declining the change order is vague; however, you are left to your conclusions and the potential consequences for warranty related to internal components."

We next heard about the topic in the 11-10-05 meeting minutes provided on Monday of this week. Those meeting minutes indicate, in item number 16.....

I've received one letter from T.E.I. which states they will not warranty the motor control cabinet and I've set in one meeting where it was stated that Rabalais would not warranty the

MCC. The Contract requires a 2 year warranty on the project. This requirement will not be modified for any component of the system.

We feel it appropriate to make the following additional notes regarding this topic:

1. It is still our strong recommendation that the air conditioner be added; this opinion is reinforced by the manufacturer's recommendation of October 14, 2005. The letter of October 14 stated..."As you know, the effect of constant moisture surrounding electrical equipment can cause corrosion problems greatly reducing the life expectancy of the equipment".
2. Upon refusal of the change order, Herman Cardona of Rabalais stated that they would warranty the material and workmanship; however, any damage—inside or outside of the cabinet—determined to be caused by high temperature or humidity would not be covered.
3. We are disappointed that several months of discussion around the technical merit and pricing of the air conditioner was concluded by your stating—at the end of meeting minutes—that "The Contract requires a 2 year warranty on the project."
4. We understand the warranty requirements of the project. We must clarify a point that has been made on several occasions in the past—we are the Construction Contractors on this project, and Washington Group is the Engineer. We bid the project as described in the specifications and the drawings, and we were told by our subcontractor that they bid the project the same way.
5. We are not seeking to dodge our responsibilities regarding warranty of workmanship and materials; we do not accept responsibility for errors or omissions in the engineering design.
6. We see little difference in this design omission from other design errors that have been identified in the project—relaxation chambers, fencing revisions to meet TXDOT requirements, relocate filter separators, etc. We have worked with you and the Town of Addison to resolve these prior issues, and we were working with you in good faith to resolve the air conditioner issue.

We have steadfastly demonstrated our commitment to complete this project as expeditiously as possible, and will continue to do so.

With this letter we are confirming our recommendation regarding the air conditioner, and we are clarifying our position that the omission of that air conditioner is the responsibility of the Engineer, not the Construction Contractor.

Very Truly Yours

Rick Normandeau

Rick Normandeau

Cc Jenny Nicewander, Town of Addison
Cary Franklin, Thielsch Engineering
Peter Kennefick, Thielsch Engineering
Tom Lent, Thielsch Engineering
Herman Cardona, Rabalais I & E Contractors

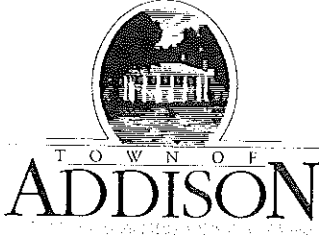
Jenny Nicewander

From: mormandeu@thielsch.com
Sent: Friday, November 18, 2005 7:40 PM
To: Mark Acevedo; tom.cobb@wgint.com
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: CCR-14 - Warranty Response

Mark and Tom,

I have attached the response promised in the Thursday meeting on Nov 10 regarding the 2 year warranty for the MCC/PLC.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704



GENERAL SERVICES DEPARTMENT

(972) 450-2800

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

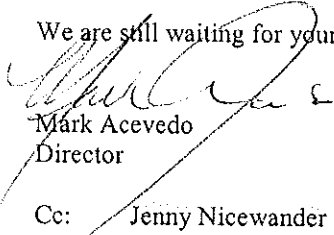
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

looking @ window unit too
DENIED

Construction Change Order

For required change to AC Unit w/ Dehumidification for MCC

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

- 1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A design change was made to add an AC unit to the MCC to control the temperature and humidity within acceptable range. The addition of AC unit represents a modification to the original specified design and generates an additional cost of construction. This additional cost was to be determined as this represents a change to the original bid package:

Newly Specified Materials

- (1 ea.) Manufacturer Compatible AC Unit w/ dehumidification

Additional Labor Charges and Handling

Price includes transporting materials, added labor, installation of materials, and finishing activities.

- 2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **18,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to AC Unit w/ Dehumidification for MCC

| | |
|-------------------------------------|----------------|
| <i>Rhorman dean</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Thielsch Engineering

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date: CCR-014 Revision A

Date: Monday, August 15, 2005

Sale Price \$15,300.00
Total Costs \$13,876.00
Gross Margin % 9.31%
Gross Profit \$1,424.00

Contract Type: Construction Change Request

| # | EQUIPMENT, COMPONENTS, MATERIALS Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|----|---|--------|--------|--------------------|--------|--------------|-------|--------|
| 1 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 2 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 3 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 4 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 5 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 6 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 7 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 8 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 9 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 10 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 11 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 12 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 13 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 14 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 15 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 16 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 17 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 18 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 19 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| 20 | | na | | | | \$0.00 | 1.2 | \$0.00 |
| | | | | Total E.C.M. Costs | \$0.00 | Total E.C.M. | | \$0.00 |

| # | Thielsch Engineering Services Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | |
|-----|--|------|-------------------------------|---------------|--------------|-------------|---|--------|
| 101 | | 1083 | | | | \$0.00 | | |
| 102 | Coordination, QA, logistics, meetings, corrective action and support | 1021 | Technician | \$90.00 | 0 | \$0.00 | | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 | | |
| 106 | | 1138 | Draftsman | \$60.00 | 0 | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | \$0.00 | | |
| 109 | | 1052 | Mechanics | \$63.00 | 0 | \$0.00 | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | |
| 116 | | 4319 | Training Engineer | \$60.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | PO, CCR, Documentation, sub-coordination | 1008 | Documentation Coord. | | | \$0.00 | | |
| | | | | MANDAY IMPACT | #DIV/0! | Total Labor | 0 | \$0.00 |

| # | SUB CONTRACTOR SERVICES Description | Name | Type | Mult. | Price | | |
|-----|--|--------|----------------|-----------------|-------------|------------|-------------|
| 201 | ADDITION AC Unit to MCC | Rabais | Electrical | 1.1 | \$15,263.60 | | |
| 202 | | | Mechanical | | \$0.00 | | |
| 203 | | | SCADA/PLC | | \$0.00 | | |
| 204 | | | Civil | | \$0.00 | | |
| 205 | | | Gen. Services | | \$0.00 | | |
| 206 | | | Support Groups | | \$0.00 | | |
| 207 | | | Riggers | | \$0.00 | | |
| 208 | | | Equipment | | \$0.00 | | |
| 209 | | | Miscellaneous | | \$0.00 | | |
| | | | | Total Subs Cost | \$13,876.00 | Total Subs | \$15,263.60 |

| | | | |
|--|--|--------------------------|-------------------|
| Comments: | | Total E.P.M | \$0.00 |
| | | Total Labor | \$0.00 |
| | | Total Subs | \$15,263.60 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | 45 \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% \$0.00 |
| | | TOTAL | \$15,263.60 |
| | | TOTAL + Retainage Comp @ | 0.00% \$15,263.60 |
| Estimating Manager Approval _____ Date: _____ | | Additional TOTAL MARK-UP | |
| Engineering Manager Approval _____ Date: _____ | | SALES PRICE | \$15,263.60 |

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, October 27, 2005 7:24 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 014 Rev A

Jenny and Mark,

The attachment is the backup for Change Order 014. We have titled the Change Order to number 014 Rev A and are resubmitting it with a reduced price so it can be completed within the time frame of the rest of the project and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Last Thursday, in our weekly meeting, discussion related to this change order indicated that this task would be postponed. It was to be completed before warm weather and humidity would be most likely to damage the electrical and electronic components stored in the cabinet. After the meeting, we talked with Herman Cardona of Rabalais I & E and collectively felt very strongly that this approach was not in the best interest of the project.

We then received the October 21 letter from Washington Group, jointly signed by Mark and by Tommy Cobb confirming that--"the motor control cabinet air conditioning system.....will not be installed under this contract."

We have reflected on the work that has gone into bringing us to this decision point, and have attached the letter of 10-14-05 from Rabalais's subcontractor that strongly urges that the air conditioner be installed. We're requesting that you review and approve this change order, for the following reasons:

1. Rabalais has done an excellent job on this whole project--for us, for the Washington Group, and for the Town of Addison. They spent a lot of time looking at alternatives and dealing with their subcontractor to provide the letter of 10-14-05 related to this air conditioner. Their bid on this extra is not excessive, and we're quite sure the bid does not include any costs for all the time they've spent bringing us to this point.
2. We've taken out the majority of our costs on this extra; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not cover those costs either.
3. Based on the October 14 letter from The Reynolds Company (the Rabalais supplier), I don't think anyone would disagree that the MCC/PLC cabinet needs to be protected from the heat and the humidity. The option that is currently on the table--wait until the project is complete, solicit another bid, and complete the project--is not the best approach for the project. We feel that this task should be completed while Rabalais is on site; this would ensure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization for the contractor selected to address the task in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Our approach has always been to do what is right for the project, and our pricing represents our commitment to that approach. We feel that Rabalais is owed compensation for all the work done to bring us to this point; we feel that the most equitable approach to "making them whole" and doing the right thing for the project is to release the work to them as an approved change order. We feel strongly enough about this position that we have significantly altered our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

11/3/2005

Best Regards
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704



**THE
REYNOLDS
COMPANY**

**To: Rabalais
Attn: Herman
Ref: Addison Bulk fuel Storage
Date: 10/14/2005**

Steve Spradlin

**Account Manager
The Reynolds Company
140 A Regal Row
Dallas, Texas 75427
214-697-5342 Cell
214-560-2649 Office
sspradlin@reynco.com**

The Reynolds Company

Your Solution For Electrical Supply

October 14, 2005

Mr. Herman Cardona
Rabalais I. & E.
3105 Lomita Suite 101
Lancaster, Texas 75146

Ref. Addison Bulk Storage

Mr. Cardona

You've requested clarification on the requirements for air conditioning, related to the MCC/PLC enclosure installed at the Addison Airport Fuel Storage and Dispensing Station. You've asked whether a readily available room air conditioner could be used to ensure the reliability of the installed electrical components.

I have attached a cut sheet of the air conditioner that we have proposed for the electrical equipment enclosure on this project. Please notice that one of its features is a "built in condensate evaporating package". Any air conditioning product that is chosen needs to have this feature. As you know the effect of constant moisture surrounding electrical equipment can cause corrosion problems greatly reducing the life expectancy of the equipment.

The air conditioning product described in this attachment is the only equipment that we would recommend for this service; we would not be comfortable making any assurances to you or the customer that alternative equipment would provide the required environment for the electrical components installed in that enclosure.

Thank You



Steve Spradlin
Account Manager
The Reynolds Company
140A Regal Row
Dallas, Texas 75247

November 2, 2005

Washington Group International
Town of Addison

Attention: Tommy C. Cobb
Mark Acevedo

Subject: Addison Texas Airport Fuel farm
Proposed Change Orders 14A and 18A

Dear Mr. Cobb and Mr. Acevedo

In response to your letter dated October 28, 2005, regarding the air conditioning and dehumidifying of the motor control and PLC cabinet, warranty work, if required in the future, will not cover any damage that is deemed to be caused by high temperature or moisture.

Regarding the fire detection system modification, we accept the two working day duration with a stop work until the detectors arrive. However, considering the amount of time and effort expended to date to arrive at an acceptable NFPA designed system, and participate in the approval process, the cost must remain at \$23,746.80.

If this is not a workable solution, we will revise the change order as previously directed to only include time and material costs incurred by Siemens, Rabalais I&E, and Thielsch Engineering to come up with the completed design that does meet NFPA standards and for time spent participating in the approval process.

Regards,
Rick Normandeau
Thielsch Engineering

CC: Tom Lent, Thielsch Eng.
Peter Kennefick, Thielsch Eng.
Cary Franklin, Thielsch Eng.
Brian Johnson, Thielsch Eng.
Herman Cardona, Rabalais I&E
Raymond Patterson, Siemens



Washington Group International
Integrated Engineering, Construction, and Management Solutions

October 28, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 A and 18 A

Dear Mr. Normandeau:

We have reviewed your Change Order No. 14 A request to add an air conditioning system to the motor control cabinet. The designer of the cabinet does not believe the air conditioner is needed. Therefore, Change Order No. 14 A is canceled.

Your proposed Change Order No. 18 A for the addition of 4 fire detectors to the detection system for \$23,746.80 with an addition of 21 days is excessive in both cost and time. We know the installed cost should be approximately \$15,000.00. We are willing to allow you to proceed with the change order for this amount plus a 15 percent markup, bringing the total allowable to \$17,250.00 with an addition of 2 working days if the 4 detectors are not delivered when the project is complete. We will issue a stop work order and not count time against the project if all other work is complete and you are forced to wait on delivery of the 4 additional detectors. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Siemens, and no service contract is to be included with the system.

Please respond to this request with a ^{2 Wks} yes or no answer by close of work ^{WEDNESDAY - MA} Tuesday, 5:00 p.m. central standard time, November 1, 2005. Failure to respond will be construed as a "No" answer. If your answer is no, we will delete the fire detection system in it's entirety from the project, and the Town of Addison will have it installed at a later date.

We will be requesting a credit to the project for the amount of the four detectors required by the contract plus the fire alarm control panel materials, and labor.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director



Washington Group International
Integrated Engineering, Construction, and Management Solutions

cc. Jenny Nicewander
Lisa Pyles
Luis Elguezabal
Ted Rigo

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, October 27, 2005 7:24 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 014 Rev A

Jenny and Mark,

The attachment is the backup for Change Order 014. We have titled the Change Order to number 014 Rev A and are resubmitting it with a reduced price so it can be completed within the time frame of the rest of the project and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Last Thursday, in our weekly meeting, discussion related to this change order indicated that this task would be postponed. It was to be completed before warm weather and humidity would be most likely to damage the electrical and electronic components stored in the cabinet. After the meeting, we talked with Herman Cardona of Rabalais I & E and collectively felt very strongly that this approach was not in the best interest of the project.

We then received the October 21 letter from Washington Group, jointly signed by Mark and by Tommy Cobb confirming that--"the motor control cabinet air conditioning system.....will not be installed under this contract."

We have reflected on the work that has gone into bringing us to this decision point, and have attached the letter of 10-14-05 from Rabalais's subcontractor that strongly urges that the air conditioner be installed. We're requesting that you review and approve this change order, for the following reasons:

1. Rabalais has done an excellent job on this whole project--for us, for the Washington Group, and for the Town of Addison. They spent a lot of time looking at alternatives and dealing with their subcontractor to provide the letter of 10-14-05 related to this air conditioner. Their bid on this extra is not excessive, and we're quite sure the bid does not include any costs for all the time they've spent bringing us to this point.
2. We've taken out the majority of our costs on this extra; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not cover those costs either.
3. Based on the October 14 letter from The Reynolds Company (the Rabalais supplier), I don't think anyone would disagree that the MCC/PLC cabinet needs to be protected from the heat and the humidity. The option that is currently on the table--wait until the project is complete, solicit another bid, and complete the project--is not the best approach for the project. We feel that this task should be completed while Rabalais is on site; this would ensure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization for the contractor selected to address the task in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Our approach has always been to do what is right for the project, and our pricing represents our commitment to that approach. We feel that Rabalais is owed compensation for all the work done to bring us to this point; we feel that the most equitable approach to "making them whole" and doing the right thing for the project is to release the work to them as an approved change order. We feel strongly enough about this position that we have significantly altered our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

10/28/2005

Best Regards
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704



Washington Group International

Integrator: Engineering, Construction, and Management Solutions

October 21, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 and 18

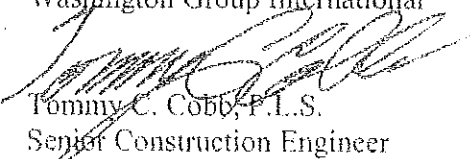
Dear Mr. Normandeau:

Our electrical engineer has reviewed your Change Order No. 18 request to add four (4) fire detectors to the detection system for \$39,650.00 and found the cost to be excessive. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Siemens. For these reasons we will delete the fire detection system from the project and the Town of Addison will have it installed at a later date. We are requesting a credit to the project for the amount of the four detectors in the contract plus the fire alarm control panel materials, and labor along with a deduction in time for not installing the system.


Cost of Change Order No. 14 for the motor control cabinet air conditioning system, in the amount of \$18,300.00 is believed to be excessive and will not be installed under this contract.

Please respond with the credit amount for and number of days commensurate with your change order no. 18 request.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director



**THE
REYNOLDS
COMPANY**

**To: Rabalais
Attn: Herman
Ref: Addison Bulk fuel Storage
Date: 10/14/2005**

Steve Spradlin

**Account Manager
The Reynolds Company
140 A Regal Row
Dallas, Texas 75427
214-697-5342 Cell
214-560-2649 Office
sspradlin@reynco.com**

The Reynolds Company

Your Solution For Electrical Supply

October 14, 2005

Mr. Herman Cardona
Rabalais I. & E.
3105 Lomita Suite 101
Lancaster, Texas 75146

Ref. Addison Bulk Storage

Mr. Cardona

You've requested clarification on the requirements for air conditioning, related to the MCC/PLC enclosure installed at the Addison Airport Fuel Storage and Dispensing Station. You've asked whether a readily available room air conditioner could be used to ensure the reliability of the installed electrical components.

I have attached a cut sheet of the air conditioner that we have proposed for the electrical equipment enclosure on this project. Please notice that one of its features is a "built in condensate evaporating package". Any air conditioning product that is chosen needs to have this feature. As you know the effect of constant moisture surrounding electrical equipment can cause corrosion problems greatly reducing the life expectancy of the equipment.

The air conditioning product described in this attachment is the only equipment that we would recommend for this service; we would not be comfortable making any assurances to you or the customer that alternative equipment would provide the required environment for the electrical components installed in that enclosure.

Thank You



Steve Spradlin
Account Manager
The Reynolds Company
140A Regal Row
Dallas, Texas 75247



T O W N O F
ADDISON

GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

CCR 8 as Transmitted 9/28/2005: Landscaping Changes, Credit to Addison \$3,955.00

CCR 15 as Transmitted 9/28/2005: Airport Property Signage, Credit to Addison \$700.00

CCR 17 as Transmitted 9/28/2005: Paint Striping, Credit to Addison \$250.00

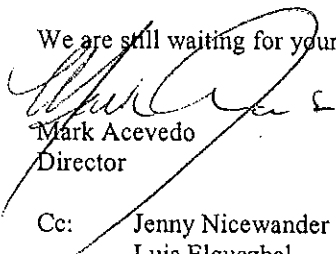
There are no time impacts with these accepted CCRs.

CCR 13 as Transmitted 9/28/2005: Headwall, Cost to Addison \$12,800 is not accepted and is not to be implemented.

CCR 9 as transmitted 9/28/2005: OWS Discharge Design, Cost to Addison \$36,300.00 is not accepted. A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

CCR 14 as transmitted 9/28/2005 AC Unit w/ Dehumidification for MCC, Cost to Addison \$18,300.00 is pending additional technical and cost information from you for an alternate solution to provide a window AC Unit.

We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

DENIED

Construction Change Order

For required change to add a Headwall to Landscape

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the response to verbal request to construct protection for the storm drain inlet. Approval of headwall design by the Town of Addison in September 15th, 2005 change order meetings. The addition of a headwall represents a change to the original bid package and additional cost of construction was to be determined

Materials

Materials: concrete, wire reinforcing, dowels, caging, landscape cloth, excavation, and river rock.

Installation of New Materials

Labor: Shaping of side slopes, placement of reinforcing materials, doweling to mow strip, shaping of concrete around drain opening, fabrication and installation of cage over pipe opening. Placements of landscape fabric, river rock rip rap and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **12,800.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to add a Headwall to Landscape

Rhomandean 9/28/05
Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

Transmittal No.: TH1006

Job No.: 41050015

Date: 09/27/2005

TO: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: Change/Clarification Request

ATTN: Marc Acevedo

| WE ARE SENDING: | SUBMITTED FOR: | ACTION TAKEN: |
|---|--|--|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Approval | <input type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Letter | <input type="checkbox"/> Your Use | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Prints | <input type="checkbox"/> As Requested | <input type="checkbox"/> Returned After Loan |
| <input type="checkbox"/> Change Order | <input checked="" type="checkbox"/> Review and Comment | <input type="checkbox"/> Resubmit |
| <input type="checkbox"/> Plans | | <input checked="" type="checkbox"/> Submit |
| <input type="checkbox"/> Samples | SENT VIA: | <input type="checkbox"/> Returned |
| <input type="checkbox"/> Specifications | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Returned for Correction |
| <input checked="" type="checkbox"/> Other: Change/Clarification Request | <input type="checkbox"/> Separate cover via: Mail | Copies to Return: 0 |

| ITEM NO. | COPIES | DATE | ITEM NUMBER | REV. NO. | DESCRIPTION | STATUS |
|----------|--------|----------|-------------|----------|-----------------------------------|--------|
| 01 | 1 | 09/24/05 | CCR 016 | | Conduit Overfill - Electrical RFI | OPN |

Remarks: The attached CCR is a request for information. This CCR is to request engineering for approval of recommendations/information/direction.

This change is necessary to be in compliance with Federal, State, and Local Codes

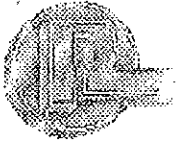
Should there be any questions or concerns please call this office immediately.

Check one: [X] Response to this CCR DOES NOT cause a change in Contract Price and/ or Contract Time.

[] Response to this CCR DOES cause a change in Contract Price and/ or Contract Time.

FOUO

Signed: Richard Normandeau
Richard Normandeau



RABALAIS & F CONSTRUCTORS

REQUEST FOR INFORMATION

3105 Lemay D. Suite 101 Lancaster, Texas 75146 972-223-2134 Fax 972-223-2958 Email: HCardona@rabalais.com

JOB TITLE: Addison Airport Bulk Fuel Storage DATE: 9/26/05
 OWNER/LOCATION: Addison, Texas RABALAIS REF NO: 11
 RABALAIS JOB NO: 05-7160 H GEN/SUB REF NO: _____
 GEN/SUB CONT. JOB NO: _____ EWO/AFE NO: _____

TO: Thielsch Engineering

 ATTN: Rick Normandeau

CONTRACT DOCUMENTS
 DRAWING NO. FE-7 Sht.22 of 33
 SPEC. SECTION _____
 AREA OF WORK FBO Cherry Air

DESCRIBE THE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT): C1 is listed on the schedule as 1" conduit w/ 6-#6awg XHHW and 2- #8awg XHHW. NEC allows a max. of 6-#6awg XHHW in a 1" conduit. To remedy this overfill, take into consideration the Full load amps of the motor which is 31amps multiplied by 1.25= 38.75ampacity. Table 310-16 allows #8awg XHHW a max. of 50amps. NEC Table 310.15, 4-6 current carrying conductors in a raceway is 80%. 50amps X .80 = 40 amps. Recommend to pull a total of 6-#8awg and 2-#10awg in this 1" conduit. 8-#8awg in a 1" conduit is the max. allowed by NEC Table C8. Please reply.

RESPONSE CODE: **1. CRITICAL** NAME: Alan Campbell
 (CIRCLE ONE) 2. IMPORTANT HRCARDONA
 3. ROUTINE

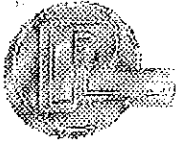
RESPONSE REQUIRED BY: ASAP SIGNATURE: _____
 (DATE)

NO COST CHANGE CC: _____
 POTENTIAL COST CHANGE CC: _____

DESCRIBE THE RESPONSE TO THE INFORMATION REQUESTED:

EFFECT OF THIS RFI: NAME: _____
 NO COST CHANGE (PLEASE PRINT)
 REVISIONS TO DRAWINGS
 REVISIONS TO SPECS. FIRM: _____
 POTENTIAL COST CHANGE

CC: _____ SIGNATURE: _____
 CC: _____ DATE: _____



RABALAIS I & E CONSTRUCTORS

REQUEST FOR INFORMATION

3101 Lomita Dr. Suite 101 Lancaster, Texas 75146 972-223-2804 Fax 972-223-2856 Email: HCardona@rabalais.com

JOB TITLE: Addison Airport Bulk Fuel Storage DATE: 9/26/05
 OWNER/LOCATION: Addison, Texas RABALAIS REF. NO: 12
 RABALAIS JOB NO: 05-7160 H GEN/SUB RFI NO: _____
 GEN/SUB CONT. JOB NO: _____ EWO/AFE NO: _____

TO: Thielsch Engineering CONTRACT DOCUMENTS
 DRAWING NO. FE-7 Sht.22 of 33
 SPEC. SECTION _____
 ATTN: Rick Normandeau AREA OF WORK CHERRY CONDUIT C2

DESCRIBE THE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT): Conduit #C2 is listed as an 1-1/2" conduit w/ 93-#14awg, NEC Table C8 allows a max.of 85-#14awg in an 1-1/2". There is a 1" spare conduit from MCC to the Cherry Rack C1. Rabalais is requesting to utilize this spare to remedy this overfill situation.

Please reply

RESPONSE CODE: 1. CRITICAL NAME: _____
 (CIRCLE ONE) 2. IMPORTANT
 3. ROUTINE

RESPONSE REQUIRED BY: ASAP SIGNATURE: _____
 (DATE)

NO COST CHANGE
 POTENTIAL COST CHANGE CC: _____
 CC: _____

DESCRIBE THE RESPONSE TO THE INFORMATION REQUESTED:

EFFECT OF THIS RFI: _____ NAME: _____
 _____ (PLEASE PRINT)
 _____ REVISIONS TO DRAWINGS
 _____ REVISIONS TO SPECS. FIRM: _____
 _____ POTENTIAL COST CHANGE

CC: _____ SIGNATURE: _____
 CC: _____ DATE: _____
 CC: _____ DATE: _____



T O W N O F
ADDISON

GENERAL SERVICES DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2800

16801 Westgrove Drive

Post Office Box 9010
Addison, Texas 75001-9010

September 30, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, Tx 78704

Attn: Rick Normandeau – Hand Delivered

Subject: Addison Texas Airport Fuel Farm
Change Orders 5, 8, 15, 17, 13, 9, 14, and 18

The following Change Order requests are accepted:

CCR 5 Rev. A as Transmitted 9/26/2005: George Haddaway Drive, No Cost \$0.00

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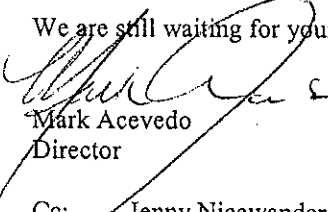
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We are still waiting for your cost proposal for CCR 18: Additional Fire Protectors.


Mark Acevedo
Director

Cc: Jenny Nicewander
Luis Elguezbal
Tommy Cobb

Construction Change Order

For required change to elimination of Airport Property Signage

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the electronic mail correspondence and TELCON from Luis Elguezabal, the elimination of two (2) "Airport Property No Trespassing" signs has resulted in a change to the original scope of work and effects to cost of construction was to be determined as this represents a change to the original bid package:

Removal of Signage

Remove two (2) "Airport Property No Trespassing" signs
Price includes the elimination of transporting materials, installation of the materials identified, logistical changes, and finishing activities.

2. As consideration for the changes, the Contractor shall credit the Principal the sum of \$ 700.00, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to elimination of Airport Property Signage

| | |
|-------------------------------------|----------------|
| <i>Rhormanclaw</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|--------------------------|---------------|
| _____ Town of Addison | _____ Date |
|--------------------------|---------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For required change to elimination of Airport Property Signage

05-02 Bulk Fuel Storage and Dispensing System

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For required change to elimination of Airport Property Signage

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order**For required change to Fire Detection System****05-02 Bulk Fuel Storage and Dispensing System**

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A change was made, adding 4 flame detectors to the fire detection and alarm system. The requirements for change can be noted in the response to Rabalais RFI.

This modification to the original design of the fire alarm system (detailed in Siemens drawing FA-01) has altered the scope of work. The cost of construction was to be determined as this represents a change to the original bid package:

Installation of Additional (qty. 4) Flame Detectors

| | |
|-----------|--|
| (100' LF) | ¾" RGS conduit |
| (12' LF) | ½" sealtight flexible conduit |
| (13 EA.) | Conduit beam clamps |
| (8 EA.) | ½" sealtight connectors |
| (4 EA.) | ¾" Tee Condulets |
| (4 EA.) | ¾" X ½" RE reducers |
| (4 EA.) | Spectrex UV/IR Flame detectors (class 1, div 1, group D) |
| (4 EA.) | Zone monitoring modules |

Prices include transporting materials, labor, material cost, installation of materials, the increase in size of power supply, additional check-out & testing and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 20,410.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to original schedule is + 2 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Fire Detection System

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Friday, November 11, 2005 11:39 AM
To: tom.cobb@wgint.com
Cc: Jenny Nicewander; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: CCR-018 C

Tom,

Per your request, I revised Change Order 018 and attached it here.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For required change to Fire Detection System

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

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Installation of Additional (qty. 4) Flame Detectors

| | |
|-----------|--|
| (100' LF) | 3/4" RGS conduit |
| (12' LF) | 1/2" sealtight flexible conduit |
| (13 EA.) | Conduit beam clamps |
| (8 EA.) | 1/2" sealtight connectors |
| (4 EA.) | 3/4" Tee Condulets |
| (4 EA.) | 3/4" X 1/2" RE reducers |
| (4 EA.) | Spectrex UV/IR Flame detectors (class 1, div 1, group D) |
| (4 EA.) | Zone monitoring modules |

Prices include transporting materials, labor, material cost, installation of materials, the increase in size of power supply, additional check-out & testing and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 20,410.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to original schedule is + 23 days
 - b. Impact to schedule as amended by CCR-010 is +2 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to Fire Detection System

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Thielsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date CCR-018 Revision A

Date: Monday, August 15, 2005

Sale Price \$20,410.00
Total Costs \$17,740.00
Gross Margin % 13.08%
Gross Profit \$2,670.00

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|-----------|--------|--------------|-------|-------|--------|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 2 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 3 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 4 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 5 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 8 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.2 | | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | | | \$0.00 |

| TEI LABOR SERVICES | | | | | | | | | |
|--------------------|--|------|-------------------------------|------------|--------------|-------------|---|--|--------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1083 | Project Manager | | 0 | | | | \$0.00 |
| 102 | | 1021 | Engineer | | 0 | \$110.00 | | | \$0.00 |
| 103 | | 1108 | Tech. Engineer | | 0 | \$80.00 | | | \$0.00 |
| 104 | Delivery of equipment is estimated at 4 to 6 weeks, assumption is that | 1105 | Superintendent | | 0 | \$75.00 | | | \$0.00 |
| 105 | equipment will be ordered Monday November 14 | 1140 | Foreman | | 0 | \$65.00 | | | \$0.00 |
| 106 | | 1138 | Draftsman | | 0 | \$60.00 | | | \$0.00 |
| 107 | Work is consistent with Safety Equipment Layout Plan Dated October 26 | 1111 | Welder-Pipe | | 0 | \$63.00 | | | \$0.00 |
| 108 | 2003 and submitted to Thielsch Engineering on October 27, 2005 | 1076 | Pipefitter | | 0 | \$63.00 | | | \$0.00 |
| 109 | | 1052 | Mechanic | | 0 | \$63.00 | | | \$0.00 |
| 110 | | 1043 | Mechanical-helper | | 0 | \$35.20 | | | \$0.00 |
| 111 | | 1112 | Structural Welder | | 0 | \$60.00 | | | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | | 0 | \$40.00 | | | \$0.00 |
| 113 | | 1113 | Welder-Helper | | 0 | \$30.00 | | | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | | 0 | \$25.00 | | | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | | 0 | \$35.25 | | | \$0.00 |
| 116 | | 4319 | Training | Engineer | 0 | \$60.00 | | | \$0.00 |
| 117 | | 4320 | Training | Tech | 0 | \$35.00 | | | \$0.00 |
| 118 | | 1008 | Documentation Coord. | | 4 | | | | \$0.00 |
| MANDAY IMPACT | | | | #DIV/0! | | Total Labor | 4 | | \$0.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|--|------|----------------|-------------|--|------------|-------------|--|-------------|
| # | Description | Name | Type | | | Mult. | Price | | |
| 201 | ADDITION OF FOUR SIEMENS FIRE DETECTORS- Submitted Proposal by Ralston & E | | Electrical | | | 1.15 | \$17,740.00 | | \$20,410.00 |
| 202 | | | Mechanical | | | 1.1 | \$0.00 | | \$0.00 |
| 203 | | | SCADA/PLC | | | 1.1 | \$0.00 | | \$0.00 |
| 204 | | | Civil | | | 1.1 | \$0.00 | | \$0.00 |
| 205 | | | Gen. Services | | | 1.1 | \$0.00 | | \$0.00 |
| 206 | | | Support Groups | | | 1.1 | \$0.00 | | \$0.00 |
| 207 | | | Riggers | | | 1.1 | \$0.00 | | \$0.00 |
| 209 | | | Equipment | | | 1.1 | \$0.00 | | \$0.00 |
| 209 | | | Miscellaneous | | | 1.1 | \$0.00 | | \$0.00 |
| Total Subs Cost | | | | \$17,740.00 | | Total Subs | | | \$20,410.00 |

| | | | | | | | | |
|-----------|--|--|--|--|--|--------------------------|-------|-------------|
| Comments: | | | | | | Total E.P.M. | | \$0.00 |
| | | | | | | Total Labor | | \$0.00 |
| | | | | | | Total Subs | | \$20,410.00 |
| | | | | | | Travel | | \$0.00 |
| | | | | | | Factory Training | | \$0.00 |
| | | | | | | Freight | | \$0.00 |
| | | | | | | Permits | | \$0.00 |
| | | | | | | Carrying Cost (days) | 45 | \$0.00 |
| | | | | | | Bonding | | \$0.00 |
| | | | | | | TAX | @ | 0.00% |
| | | | | | | TOTAL | | \$20,410.00 |
| | | | | | | TOTAL + Retainage Comp @ | 0.00% | \$20,410.00 |
| | | | | | | Additional TOTAL MARK-UP | | 0.00% |
| | | | | | | SALES PRICE | | \$20,410.00 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

THIELSCH ENGINEERING, INC.

pg. _____ of _____

Customer: _____

Tel. (401) 467-6454
Fax (401) 487-2398

Lab Number: _____

Facility: _____

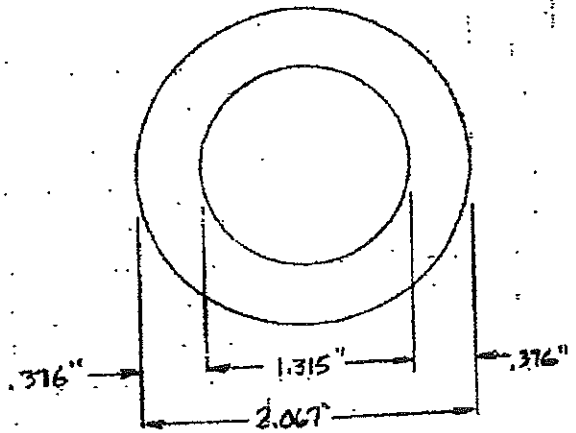
Date: _____

Project: _____

Engr./Inspector: _____

OD 1" PIPE = 1.315

ID 2" PIPE = 2.067

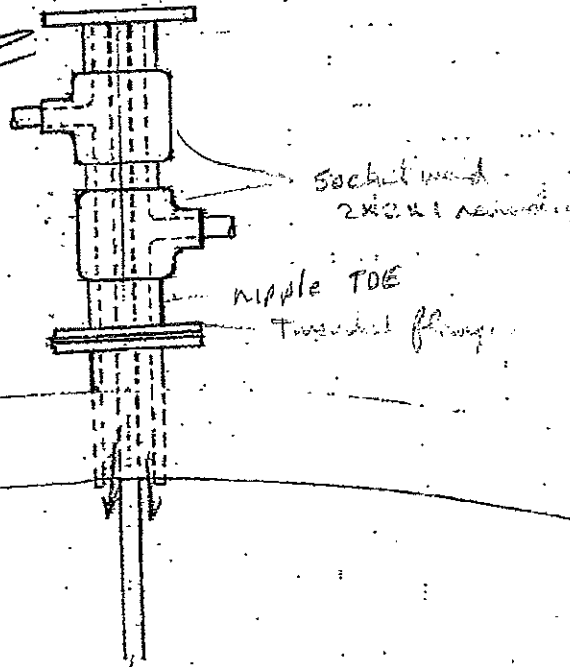


- NO EXCEPTION TAKEN
- REJECTED
- EXCEPTION NOTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

Washington Group International

John J. [Signature]



Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Tuesday, November 08, 2005 7:25 PM
To: tom.cobb@wgint.com
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Change Order 018 Rev. B

Tom,

I've attached Change Order 018 Rev. B for the addition of four (4) flame detectors to the fire detection system.

My e-mail of 11-2-05 indicated that we could not accept the \$17,250 for the subject change order. Since that time, we have discussed the topic with you in greater detail and have made greater concessions with our subcontractors. The attached represents the change order pricing that is satisfactory to our subcontractors and compensates us for the significant amount of time and effort we spent bringing this issue to closure. We understand from your October 28 letter that your acceptance of the change order would include an addition of two (2) working days if the four (4) detectors are not delivered when the project is complete. Your October 28 letter also indicates that you will issue a stop work order and not count time against the project if all other work is complete and we are forced to wait on delivery of the four (4) additional detectors.

Please expedite approval of this so that the necessary equipment can be placed on order.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

November 2, 2005

Washington Group International
Town of Addison

Attention: Tommy C. Cobb
Mark Acevedo

Subject: Addison Texas Airport Fuel farm
Proposed Change Orders 14A and 18A

Dear Mr. Cobb and Mr. Acevedo

In response to your letter dated October 28, 2005, regarding the air conditioning and dehumidifying of the motor control and PLC cabinet, warranty work, if required in the future, will not cover any damage that is deemed to be caused by high temperature or moisture.

Regarding the fire detection system modification, we accept the two working day duration with a stop work until the detectors arrive. However, considering the amount of time and effort expended to date to arrive at an acceptable NFPA designed system, and participate in the approval process, the cost must remain at \$23,746.80.

If this is not a workable solution, we will revise the change order as previously directed to only include time and material costs incurred by Siemens, Rabalais I&E, and Thielsch Engineering to come up with the completed design that does meet NFPA standards and for time spent participating in the approval process.

Regards,
Rick Normandeau
Thielsch Engineering

CC: Tom Lent, Thielsch Eng.
Peter Kennefick, Thielsch Eng.
Cary Franklin, Thielsch Eng.
Brian Johnson, Thielsch Eng.
Herman Cardona, Rabalais I&E
Raymond Patterson, Siemens



Washington Group International

Integrated Engineering, Construction, and Management Solutions

October 28, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 A and 18 A

Dear Mr. Normandeau:

We have reviewed your Change Order No. 14 A request to add an air conditioning system to the motor control cabinet. The designer of the cabinet does not believe the air conditioner is needed. Therefore, Change Order No. 14 A is canceled.

Your proposed Change Order No. 18 A for the addition of 4 fire detectors to the detection system for \$23,746.80 with an addition of 21 days is excessive in both cost and time. We know the installed cost should be approximately \$15,000.00. We are willing to allow you to proceed with the change order for this amount plus a 15 percent markup, bringing the total allowable to \$17,250.00 with an addition of 2 working days if the 4 detectors are not delivered when the project is complete. We will issue a stop work order and not count time against the project if all other work is complete and you are forced to wait on delivery of the 4 additional detectors. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Siemens, and no service contract is to be included with the system.

Please respond to this request with a ^{2 MA} yes or no answer by close of work ^{WEDNESDAY MA} Tuesday, 5:00 p.m. central standard time, November 1, 2005. Failure to respond will be construed as a "No" answer. If your answer is no, we will delete the fire detection system in its entirety from the project, and the Town of Addison will have it installed at a later date.

We will be requesting a credit to the project for the amount of the four detectors required by the contract plus the fire alarm control panel materials, and labor.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director



Washington Group International

Integrated Engineering, Construction, and Management Solutions

cc. Jenny Nicewander
Lisa Pyles
Luis Elguezabal
Ted Rigo

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, October 27, 2005 11:03 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 018 Rev A

Jenny and Mark,

I attached the backup for Change Order 018. We have changed the title for the Change Order to number 018 Rev A. Similar to Change Order 014 Rev A, we are resubmitting it with a reduced price so it too can be completed within the time frame of the rest of the project, and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Today, in our weekly meeting, we were given a copy of the Addison Airport Safety Equipment Layout Plan, dated October 25, showing the eight flame detection elements covered by this Change Order.

As we stated with Change Order 014 Rev A, there are several reasons for this re-submittal.

1. Unquestionably, Rabalais has done an excellent job to date and has invested a lot of time on this change order to get it to this point. They spent a lot of time looking at alternatives and dealing with their subcontractor (Siemens) to ensure that the proper safety equipment was included on this project.
2. To assist our sub-contractor and to encourage completion of the fuel farm as originally intended, we've elected to remove the majority of our costs on this change order; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not include the time we've actually invested on this issue.
3. Based on the Addison Airport Safety Equipment Layout Plan, dated October 25, it appears that we all agree that the four (4) additional flame detectors need to be installed. We believe this task should be completed by Rabalais to assure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization by another contractor in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Another compelling reason to proceed with the change order at this time is to ensure that the people most knowledgeable about the project are involved with implementing all the safety measures that have been deemed to be necessary to provide for the safe operation of the Bulk Fuel Storage and Dispensing System.
5. Embarking on the start-up of a new system without the agreed upon full complement of safety equipment is not considered prudent; any special or non-routine safety procedures that would be put in place to compensate for the lack of a complete safety system diminishes the project's chance of success.
6. As always, our approach is to do what is in the best interest of the project, and our pricing is indicative of that approach. We believe that Rabalais is owed compensation for all the work done in conjunction with Siemens on this issue. We feel strongly enough about these two points that we have significantly reduced our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

10/28/2005

Best Regards
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Jenny Nicewander

From: mormandeu@thielsch.com
Sent: Thursday, October 27, 2005 11:03 PM
To: Jenny Nicewander; Mark Acevedo
Cc: HCardona@rabalais.com; tom.cobb@wgint.com; luis.elguezabal@wgint.com; PKennefick@thielsch.com; CFranklin@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 018 Rev A

Jenny and Mark,

I attached the backup for Change Order 018. We have changed the title for the Change Order to number 018 Rev A. Similar to Change Order 014 Rev A, we are resubmitting it with a reduced price so it too can be completed within the time frame of the rest of the project, and provide the appropriate protection for the safe and efficient operation of the fuel farm.

Today, in our weekly meeting, we were given a copy of the Addison Airport Safety Equipment Layout Plan, dated October 25, showing the eight flame detection elements covered by this Change Order.

As we stated with Change Order 014 Rev A, there are several reasons for this re-submittal.

1. Unquestionably, Rabalais has done an excellent job to date and has invested a lot of time on this change order to get it to this point. They spent a lot of time looking at alternatives and dealing with their subcontractor (Siemens) to ensure that the proper safety equipment was included on this project.
2. To assist our sub-contractor and to encourage completion of the fuel farm as originally intended, we've elected to remove the majority of our costs on this change order; we too have spent a lot of time bringing this issue to closure, and the cost sheet attached does not include the time we've actually invested on this issue.
3. Based on the Addison Airport Safety Equipment Layout Plan, dated October 25, it appears that we all agree that the four (4) additional flame detectors need to be installed. We believe this task should be completed by Rabalais to assure that commissioning and start-up of the equipment would be covered with the rest of the equipment--and would avoid the cost of a mobilization and demobilization by another contractor in the future. Furthermore, the costs we were advised to collect for time already spent would be avoided if we can proceed as we recommend.
4. Another compelling reason to proceed with the change order at this time is to ensure that the people most knowledgeable about the project are involved with implementing all the safety measures that have been deemed to be necessary to provide for the safe operation of the Bulk Fuel Storage and Dispensing System.
5. Embarking on the start-up of a new system without the agreed upon full complement of safety equipment is not considered prudent; any special or non-routine safety procedures that would be put in place to compensate for the lack of a complete safety system diminishes the project's chance of success.
6. As always, our approach is to do what is in the best interest of the project, and our pricing is indicative of that approach. We believe that Rabalais is owed compensation for all the work done in conjunction with Siemens on this issue. We feel strongly enough about these two points that we have significantly reduced our pricing to make this more attractive to the Town of Addison.

We hope that we have provided additional justification for moving forward with this change order; if there are additional questions, please advise.

11/3/2005

Thielsch Engineering Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date:CCR-018 Revision A

Date: Monday, August 15, 2005

Sale Price \$23,750.00
Total Costs \$21,588.00
Gross Margin % 9.10%
Gross Profit \$2,162.00

Contract Type: Construction Change Request

| # | DESCRIPTION | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|--------------------|-------------|--------|--------|-----------|--------|--------------|--------|--------|
| 1 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 2 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 3 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 4 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 5 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 6 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 7 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 8 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 9 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 10 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 11 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 12 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 13 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 14 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 15 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 16 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 17 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 18 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 19 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| 20 | | na | | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | \$0.00 | \$0.00 |

| # | DESCRIPTION | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|---------------|--|------|-------------------------------|-------------|--------------|--------|
| 101 | 21 day schedule extension, past the 21 days described for Change Req. | 1083 | Project Manager | | 0 | |
| 102 | Number 010 | 1021 | Engineer | \$110.00 | 0 | \$0.00 |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 |
| 104 | Delivery of equipment is estimated at 4 to 5 weeks; assumption is that | 1105 | Superintendent | \$75.00 | 0 | \$0.00 |
| 105 | equipment will be ordered Monday October 31. | 1140 | Foreman | \$65.00 | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 |
| 107 | Work is consistent with Safety Equipment Layout Plan Dated October 24 | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 |
| 108 | 2005 and submitted to Thielsch Engineering on October 27, 2005 | 1078 | Pipfitter | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | \$25.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 |
| 116 | | 4319 | Training Engineer | \$60.00 | 0 | \$0.00 |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | | 0 | \$0.00 |
| MANDAY IMPACT | | | #DIV/0! | Total Labor | 0 | \$0.00 |

| # | DESCRIPTION | Name | Type | Mult. | Price |
|-----------------|---|------|----------------|-------|-------------|
| 201 | ADDITION OF FOUR SIEMENS FIRE DETECTORS, CONTROL PANEL, AND ASSOCIATED CONDUIT, WIRING, AND SUP | | Electrical | 1.1 | \$23,748.80 |
| 202 | | | Mechanical | 1.1 | \$0.00 |
| 203 | | | SCADA/PLC | 1.1 | \$0.00 |
| 204 | | | Civil | 1.1 | \$0.00 |
| 205 | | | Gen. Services | 1.1 | \$0.00 |
| 206 | | | Support Groups | 1.1 | \$0.00 |
| 207 | | | Riggers | 1.1 | \$0.00 |
| 208 | | | Equipment | 1.1 | \$0.00 |
| 209 | | | Miscellaneous | 1.1 | \$0.00 |
| Total Subs Cost | | | | | \$21,588.00 |
| Total Subs | | | | | \$23,748.80 |

| | | | | | |
|--------------------------------|--|--|--|--|--|
| Comments: | | | | | |
| Total E.P.M. | | | | | |
| Total Labor | | | | | |
| Total Subs | | | | | |
| Travel | | | | | |
| Factory Training | | | | | |
| Freight | | | | | |
| Permits | | | | | |
| Carrying Cost (days) | | | | | |
| Bonding | | | | | |
| TAX @ 0.00% | | | | | |
| TOTAL | | | | | |
| TOTAL + Retainage Comp @ 0.00% | | | | | |
| Additional TOTAL MARK-UP | | | | | |
| SALES PRICE | | | | | |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

TOTAL \$23,748.80
TOTAL + Retainage Comp @ 0.00% \$23,748.80
Additional TOTAL MARK-UP 0.00%
SALES PRICE \$23,748.80



Washington Group International

Integrated Engineering, Construction, and Management Solutions

October 21, 2005

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Texas Airport Fuel Farm
Proposed Change Orders 14 and 18

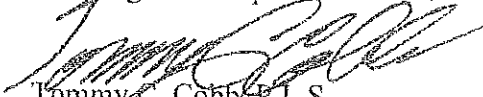
Dear Mr. Normandeau:

Our electrical engineer has reviewed your Change Order No. 18 request to add four (4) fire detectors to the detection system for \$39,650.00 and found the cost to be excessive. Also, the specifications require this to be a stand-alone system with a direct connection to the Addison Fire Department, not to Seimens. For these reasons we will delete the fire detection system from the project and the Town of Addison will have it installed at a later date. We are requesting a credit to the project for the amount of the four detectors in the contract plus the fire alarm control panel materials, and labor along with a deduction in time for not installing the system.

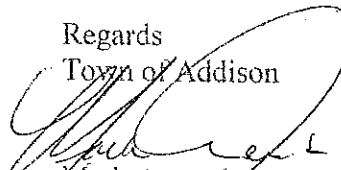
Cost of Change Order No. 14 for the motor control cabinet air conditioning system, in the amount of \$18,300.00 is believed to be excessive and will not be installed under this contract.

Please respond with the credit amount for and number of days commensurate with your change order no. 18 request.

Very Truly Yours
Washington Group International


Tommy C. Cobb, P.L.S.
Senior Construction Engineer

Regards
Town of Addison


Mark Acevedo
Director

Construction Change Order

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

2. As consideration for the change, the Contractor shall credit the Principal the sum of \$3,955.00, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

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Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

2. As consideration for the change, the Contractor shall credit the Principal the sum of **\$3,955.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

| | |
|--|----------------------|
| <i>Rhormandean</i> | <i>9/28/05</i> |
| _____ Thielsch Engineering, Inc. | _____ Date |

| | |
|---------------------------------|----------------------|
| _____ Town of Addison | _____ Date |
|---------------------------------|----------------------|

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

< 3995 >
0 days

For requested change to the landscaping.

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by replacing 28 Nellie R. Stevens bushes with 14 Red Oak trees and modifying the bed preparation and turf preparation as shown on the attached sheets.

Add fourteen (14) 100-gallon Red Oak trees where each Red Oak tree is to replace two (2) 65-gallon Nellie R. Stevens bushes. The price difference to change out two Nellie R. Stevens for one Red Oak tree is -\$282.50. This results in a credit of \$3,955.00.

+ 14 R.O.
-(28) N.R.Stev

2. As consideration for the change, the Contractor shall credit the Principal the sum of \$3,955.00, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

| | |
|-----------------------------------|---------------|
| <u><i>L. Normandean</i></u> | <u>8/1/05</u> |
| Thielsch Engineering, Inc. | Date |

| | |
|------------------------|-------------|
| _____ | _____ |
| Town of Addison | Date |

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

DENIED

Construction Change Order

For required change to OWS Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original Oil/Water Separator outfall design.

This modification to the design of the Oil/Water Separator design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid Outfall Design

Credit includes transporting materials, labor, stand-time, traffic-time, machinery costs, material cost, installation of the materials, logistics, and finishing activities.

Installation of New OWS Outfall Design

Price includes transporting materials, labor, stand-time, traffic-time, added labor, added machinery costs, added material cost, installation of materials, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of **\$ 36,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

Construction Change Order

For required change to OWS Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

Due to existing conditions differing from the original criteria used in preparation of original design, an Engineering change was made to the original Oil/Water Separator outfall design.

This modification to the design of the Oil/Water Separator design has added to the scope of work and additional cost of construction was to be determined as this represents a change to the original bid package:

Credit for Original Bid Outfall Design

Credit includes transporting materials, labor, stand-time, traffic-time, machinery costs, material cost, installation of the materials, logistics, and finishing activities.

Installation of New OWS Outfall Design

Price includes transporting materials, labor, stand-time, traffic-time, added labor, added machinery costs, added material cost, installation of materials, logistical changes, and finishing activities.

2. As consideration for the changes, the Principal shall pay to the Contractor the additional sum of \$ **36,300.00**, which shall be paid in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

*BASIS ON
MEANS
CREDIT
12K - 4K*

For required change to OWS Discharge Design

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Construction Change Order

For requested change to the landscaping, to add Nellie R. Stevens bushes

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the requested changes by Mr. Ron Lee, Addison Parks and Operations Manager, the landscape scope is revised by adding 17 Nellie R. Stevens bushes and modifying the bed preparation and turf preparation.

Add seventeen (17) 65-gallon Nellie R. Stevens bushes. This modification to the design of the landscape layout has added to the scope of work and the additional cost of construction has been determined; this represents a change to the original bid package.

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$9500.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.

Note: The net change on the original contract for the landscape change is \$9500 minus \$3955 = **\$5545.00**—where \$3955 is the credit issued with Addison Change Order CCR-008.

3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For required change to the landscaping

Thielsch Engineering, Inc. Date

Town of Addison Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Thursday, January 19, 2006 9:03 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 0019--Landscaping Changes

Tom and Mark,

Attached is the formal change order document, with cost estimate, for the referenced change order. This is a follow-up to a transmittal that took place in late '05; the earlier transmittal, dated 11-5-05 originated from Brian Johnson. Also attached is a PDF file from Texas Environmental Management which provides the unit pricing for the Nellie R. Stevens bushes; that pricing matches the line item cost in the change order documents.

Thielsch Engineering Estimate

Date: Thursday, January 19, 2008

Sale Price \$9,500.00
 Total Costs \$8,245.00
 Gross Margin % 13.21%
 Gross Profit \$1,255.00

ADDISON AIRPORT
 15701 Addison Road
 Addison, Texas 75001

Change Order 0019--Additional Landscaping

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------------------------------|--------|--------------------------------|-------------------|--------|---------------------|-------|-------------------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | 185 gallon Helle R. Shavers Brushes | na | Texas Environmental Management | \$485.00 | 17 | \$9,245.00 | 1.15 | \$9,481.75 | |
| 2 | | na | Texas Environmental Management | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 3 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 4 | | 0 | ABC | \$0.00 | 10 | \$0.00 | 1.2 | \$0.00 | |
| 5 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 6 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 7 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 8 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 9 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 10 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 11 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 12 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 13 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 14 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 15 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 16 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 17 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 18 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 19 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 20 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| Total E.C.M. Costs | | | | \$8,245.00 | | Total E.C.M. | | \$9,481.75 | |

| TEI LABOR SERVICES | | | | | | | | | |
|----------------------|------------------------|------|-------------------------------|-------------|---------|--------------------|----------|---------------|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. | Hours | Price | | |
| 101 | | 1083 | Project Manager | \$110.00 | 0 | 0 | \$0.00 | | |
| 102 | | 1021 | Engineer | \$90.00 | 0 | 0 | \$0.00 | | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | 0 | \$0.00 | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | 0 | \$0.00 | | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | 0 | \$0.00 | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | 0 | \$0.00 | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | 0 | \$0.00 | | |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | 0 | \$0.00 | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | 0 | \$0.00 | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | 0 | \$0.00 | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | 0 | \$0.00 | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | 0 | \$0.00 | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | 0 | \$0.00 | | |
| 114 | | 1064 | Laborer / Millwright | \$25.00 | 0 | 0 | \$0.00 | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | 0 | \$0.00 | | |
| 116 | | 4319 | Training | Engineer | \$90.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training | Tech | \$35.00 | 0 | \$0.00 | | |
| 118 | PO, CCR, Documentation | 1008 | Documentation Coord. | | 1 | 0 | \$20.00 | | |
| MANDAY IMPACT | | | | 0.00 | | Total Labor | 0 | \$0.00 | |

| SUB CONTRACTOR SERVICES | | | | | | | | | | |
|-------------------------|-------------|------|----------------|---------------|-------|-------------------|--|---------------|--|--|
| # | Description | Name | Type | Mult. | Price | | | | | |
| 201 | | | Electrical | \$0.00 | 1.075 | \$0.00 | | | | |
| 202 | | | Mechanical | \$0.00 | 1.075 | \$0.00 | | | | |
| 203 | | | SCADA/PLC | \$0.00 | 1.075 | \$0.00 | | | | |
| 204 | | | Civil | \$0.00 | 1.075 | \$0.00 | | | | |
| 205 | | | Gen. Services | \$0.00 | 1.075 | \$0.00 | | | | |
| 206 | | | Support Groups | \$0.00 | 1.075 | \$0.00 | | | | |
| 207 | | | Riggers | \$0.00 | 1.075 | \$0.00 | | | | |
| 208 | | | Equipment | \$0.00 | 1.075 | \$0.00 | | | | |
| 209 | | | Miscellaneous | \$0.00 | 1.075 | \$0.00 | | | | |
| Total Subs Cost | | | | \$0.00 | | Total Subs | | \$0.00 | | |

| | | | | | | | | |
|-----------|--|--|--|---------------------------------|-------|--|--|-------------------|
| Comments: | | | | Total E.P.M | | | | \$9,481.75 |
| | | | | Total Labor | | | | \$0.00 |
| | | | | Total Subs | | | | \$0.00 |
| | | | | Travel | | | | \$0.00 |
| | | | | Factory Training | | | | \$0.00 |
| | | | | Freight | | | | \$0.00 |
| | | | | Permits | | | | \$0.00 |
| | | | | Carrying Cost (days) | 0 | | | \$0.00 |
| | | | | Bonding | | | | \$0.00 |
| | | | | TAX @ | 0.00% | | | \$0.00 |
| | | | | TOTAL | | | | \$9,481.75 |
| | | | | TOTAL + Retainage Comp @ | 0.00% | | | \$9,481.75 |
| | | | | Additional TOTAL MARK-UP | | | | 0.00% |
| | | | | SALES PRICE | | | | \$9,481.75 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

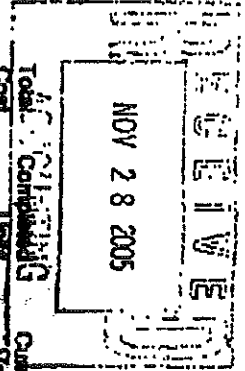
CLIENT: Hiesci Engineering, Inc.
195 Frances Ave.
Creston, RI 02910

Project: Addison Airport Bulk Fuel
Addison, Texas

Job No: 9337
Project No:
Contract Date: 05/23/2005

| No. | Description | Quantity | Unit of Measure | Unit Cost |
|-----|--------------------------------|----------|-----------------|-----------|
| 01 | Mackie R. Sawans | 65 | EA | 485.00 |
| 02 | Steel Edging | 1,237 | LF | 1.554 |
| 03 | Bermuda Sod | 2,150 | SY | 2.476 |
| 04 | 4" Compout (6050 SF) | 75 | CY | 28.888 |
| 05 | 3" Mulch | 57 | CY | 36.531 |
| 06 | Irrigation System | 1 | LS | 16,513.85 |
| 08 | Red Oak 100 Gal. | 14 | EA | 825.00 |
| 09 | Rough Grade & Cut Slope | 1 | LS | 3,040.00 |
| 10 | Steel Edging Radius @ George H | 200 | LF | 1.554 |

Contract sum.....
 Completed to date.....
 Retainage.....
 Total earned less retainage.....
 Previous billings.....
 Current payment due.....
 Sales tax.....
 Total due.....

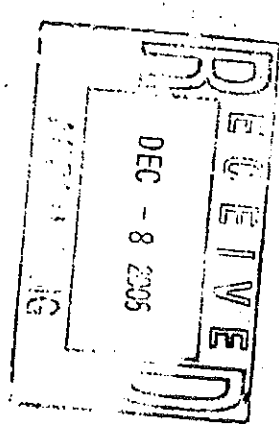


| Total | Current | Prior | Current Period | Due This |
|-----------|-----------|-----------|----------------|-----------|
| 71,632.72 | 31,525.00 | 0.00 | 65.00 | 31,525.00 |
| 66,552.22 | 1,922.30 | 0.00 | 0.00 | 0.00 |
| 5,476.23 | 5,323.40 | 0.00 | 1,000.00 | 0.00 |
| 61,075.99 | 2,185.10 | 0.00 | 0.00 | 2,476.00 |
| 19,851.05 | 2,082.27 | 0.00 | 57.00 | 0.00 |
| 41,224.94 | 16,513.85 | 0.00 | 0.00 | 2,082.27 |
| 0.00 | 8,750.00 | 0.00 | 14.00 | 0.00 |
| 41,224.94 | 3,040.00 | 0.00 | 0.00 | 8,750.00 |
| 0.00 | 310.80 | 0.00 | 0.00 | 0.00 |
| 41,224.94 | 71,632.72 | 21,718.95 | 1,136.00 | 24,333.27 |

10115749

0039610

VENDOR # 0039610
 APPROVED [Signature]
 DATE 12-8-05
 ACCT # 41 05 0015
 ENTERED [Signature]
 LAB # [Signature]
 IXL [Signature]
 11/29



3608.35 Netown

To(OWNER): Thielsch Engineering, Inc.
 195 Frances Ave.
 Cranston, RI 02910

Project: Addison Airport Bulk Fuel
 Addison, Texas

From: Texas Environmental Mgmt-SA Via(Architect):
 PO Box 369
 Justin, TX 76247
 Engineer)

PO No. 115743

Application No: 1
 Invoice No: 15728
 Period To: 10/19/2005

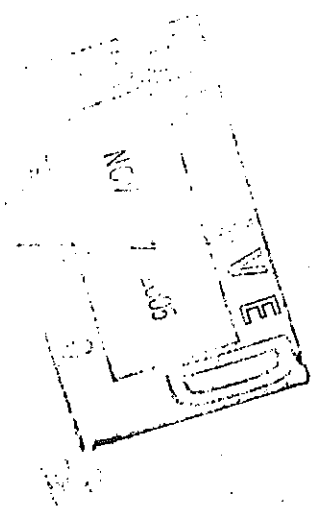
Job No: 9337
 Project No:

Contract Date: 05/23/2005

| No. | Description | Total Quantity | Unit of Measure | Unit Cost | Total Cost | Completed Units | Current Value | Prior Value | Current Period Quantity | Due This Request |
|-----|--------------------------------|----------------|-----------------|-----------|------------------|-----------------|------------------|-------------|-------------------------|------------------|
| 01 | Nelle R. Stevens | 48 | EA | 485.00 | 23,280.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 02 | Steel Edging | 1,237 | LF | 1,554 | 1,922.30 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 03 | Bermuda Sod | 2,150 | SY | 2,476 | 5,323.40 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 04 | 4" Compost (6050 SF) | 75 | CY | 28,868 | 2,165.10 | 75 | 2,165.10 | 0.00 | 75.00 | 2,165.10 |
| 05 | 3" Mulch | 57 | CY | 36,531 | 2,082.27 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 06 | Irrigation System | 1 | LS | 16,513.85 | 16,513.85 | 1 | 16,513.85 | 0.00 | 1.00 | 16,513.85 |
| 08 | Red Oak 100 Gal. | 14 | EA | 625.00 | 8,750.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 09 | Rough Grade & Cut Swale | 1 | LS | 3,040.00 | 3,040.00 | 1 | 3,040.00 | 0.00 | 1.00 | 3,040.00 |
| 10 | Steel Edging Radius @ George H | 200 | LF | 1,554 | 310.80 | 0 | 0.00 | 0.00 | 77.00 | 0.00 |
| | | | | | <u>63,387.72</u> | | <u>21,718.95</u> | | | <u>21,718.95</u> |

Contract sum..... 63,387.72
 Completed to date..... 21,718.95
 Retainage..... 1,867.90
 Total earned less retainage..... 19,851.05
 Previous billings..... 0.00
 Current payment due..... 19,851.05
 Sales tax..... 0.00
 Total due..... 19,851.05

sent from



VENDOR # 023990
 APPROVED Pharmacy
 DATE 11/4/05
 ACCT # 41-05-0015
 P/R 11/4/05
 LMB # 41-05-0015
 TAX Smith

Alco Estimate

ADDISON AIRPORT
Public Works, 16501 Westgrove Drive
Addison, Texas 75001
Bid Date CCR-019

Date: Monday, August 15, 2005

Sale Price \$9,500.00
Total Costs \$8,245.00
Gross Margin % 13.21%
Gross Profit \$1,255.00

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-----------------------------------|--------|--------------------------------|-------------------|------------|--------------|------|------------|--|
| # | Description | Part # | Vendor | Cost Each | Quant | Total Cost | Mult | Price | |
| 1 | 35 gallon Nello R. Stevens Bushes | na | Texas Environmental Management | \$485.00 | 17 | \$8,245.00 | 1.15 | \$9,481.75 | |
| 2 | | na | Texas Environmental Management | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 3 | | 0 | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 | |
| 4 | | 0 | ABC | \$0.00 | 10 | \$0.00 | 1.2 | \$0.00 | |
| 5 | | 0 | ABC | \$0.00 | 60 | \$0.00 | 1.2 | \$0.00 | |
| 6 | | 0 | ABC | \$0.00 | 20 | \$0.00 | 1.2 | \$0.00 | |
| 7 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 8 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 9 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 10 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 11 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 12 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 13 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 14 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 15 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 16 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 17 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 18 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 19 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| 20 | | 0 | ABC | \$0.00 | 0 | \$0.00 | 1.2 | \$0.00 | |
| | | | | Total E.C.M Costs | \$8,245.00 | Total E.C.M. | | \$9,481.75 | |

| ALCO LABOR SERVICES | | | | | | | | | |
|---------------------|-------------------------|------|-------------------------------|---------------|-------|-------------|----------|---|--------|
| # | Description | Code | MANPOWER | Labor Rate | Quant | Hours | Price | | |
| 101 | | 1083 | Project Manager | | | | \$110.00 | 0 | \$0.00 |
| 102 | | 1021 | Engineer | | | | \$90.00 | 0 | \$0.00 |
| 103 | | 1106 | Tech. Engineer | | | | \$80.00 | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | | | | \$75.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | | | | \$65.00 | 0 | \$0.00 |
| 106 | | 1136 | Draftsman | | | | \$60.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | | | | \$63.00 | 0 | \$0.00 |
| 108 | | 1070 | Pipefitter | | | | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | | | | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | | | | \$35.20 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | | | | \$60.00 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | | | | \$40.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | | | | \$30.00 | 0 | \$0.00 |
| 114 | | 1064 | Laborer / Millwright | | | | \$25.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | | | | \$35.25 | 0 | \$0.00 |
| 116 | | 4319 | Training | Engineer | | | \$60.00 | 0 | \$0.00 |
| 117 | | 4320 | Training | Tech | | | \$35.00 | 0 | \$0.00 |
| 118 | PO, CCR, Documentation, | 1008 | Documentation Coord. | | 1 | | \$20.00 | 0 | \$0.00 |
| | | | | MANDAY IMPACT | 0.00 | Total Labor | | 0 | \$0.00 |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-------------|------|----------------|-----------------|--------|------------|-------|--------|--|
| # | Description | Name | Type | | | Mult | Price | | |
| 201 | | | Electrical | | | \$0.00 | 1.075 | \$0.00 | |
| 202 | | | Mechanical | | | \$0.00 | 1.075 | \$0.00 | |
| 203 | | | SCADA/PLC | | | \$0.00 | 1.075 | \$0.00 | |
| 204 | | | Civil | | | \$0.00 | 1.075 | \$0.00 | |
| 205 | | | Gen. Services | | | \$0.00 | 1.075 | \$0.00 | |
| 206 | | | Support Groups | | | \$0.00 | 1.075 | \$0.00 | |
| 207 | | | Riggers | | | \$0.00 | 1.075 | \$0.00 | |
| 208 | | | Equipment | | | \$0.00 | 1.075 | \$0.00 | |
| 209 | | | Miscellaneous | | | \$0.00 | 1.075 | \$0.00 | |
| | | | | Total Subs Cost | \$0.00 | Total Subs | | \$0.00 | |

| | | | | | | | | | |
|--|--|--|--|--|--|--------------------------|--|------------|--|
| Comments: | | | | | | Total E.P.M | | \$9,481.75 | |
| | | | | | | Total Labor | | \$0.00 | |
| | | | | | | Total Subs | | \$0.00 | |
| | | | | | | Travel | | \$0.00 | |
| | | | | | | Factory Training | | \$0.00 | |
| | | | | | | Freight | | \$0.00 | |
| | | | | | | Permits | | \$0.00 | |
| | | | | | | Carrying Cost (days) | | 0 | |
| | | | | | | Bonding | | \$0.00 | |
| | | | | | | TAX @ | | 0.00% | |
| | | | | | | TOTAL | | \$9,481.75 | |
| | | | | | | TOTAL + Retainage Comp @ | | 0.00% | |
| | | | | | | Additional TOTAL MARK-UP | | 0.00% | |
| | | | | | | SALES PRICE | | \$9,481.75 | |
| Estimating Manager Approval _____ Date: _____ | | | | | | | | | |
| Engineering Manager Approval _____ Date: _____ | | | | | | | | | |

Construction Change Order

For requested change to Ripout/Resinstall Fire Hydrant Bollards at New Spacing

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the town to alter the fire hydrant bollard spacing to more closely match the spacing utilized by the City of Carrollton, Thielsch transmittal # TH022 layout indicates the bollard placement/spacing requested by the Town of Addison. This change has added to the scope of work, and the additional cost of construction has been determined; this change represents a change to the original bid package:

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of \$ **4,560.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, and not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Ripout/Resinstall Fire Hydrant Bollards at New Spacing

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson
 Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 19, 2006 11:23 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Addison Change Order 0020--Remove and Replace Fire Hydrant Bollards

Tom and Mark,

Attached is the formal change order document, and backup estimate, for the subject change order. Also attached is the original proposal from Texas Industrial Partners, dated 11-1-05, and the Thielsch Requisition/Purchase Order Confirmation dated 11-16-05.

Thiensch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Thursday, January 19, 2006

Sale Price \$4,560.00
Total Costs \$3,957.00
Gross Margin % 13.22%
Gross Profit \$603.00

CCR020-Remove and Reinstall Fire Hydrant Bollards

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|-------------|--------|--------|-------------------|--------|--------------|-------|--------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Cost | Mult. | Price | |
| 1 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 2 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 3 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 4 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 5 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 6 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 7 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 8 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total E.C.M.Costs | \$0.00 | Total E.C.M. | | \$0.00 | |

| ALCO LABOR SERVICES | | | | | | | | | |
|---------------------|-------------|------|-------------------------------|------------|--------------|--------|---|--|----------|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | | 1093 | Project Manager | \$110.00 | 1 | \$0.00 | | | |
| 102 | | 1021 | Engineer | \$90.00 | 1 | \$0.00 | | | |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 | | | |
| 106 | | 1136 | Draftsman | \$60.00 | 0 | \$0.00 | | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | | |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 | | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | | |
| 110 | | 1043 | Mechanical-Helper | \$35.20 | 0 | \$0.00 | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | | |
| 114 | | 1084 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | |
| 116 | | 4319 | Training | \$60.00 | 0 | \$0.00 | | | Engineer |
| 117 | | 4320 | Training | \$35.00 | 0 | \$0.00 | | | Tech |
| 118 | | 1006 | Documentation Coord. | \$20.00 | 1 | \$0.00 | | | |
| MANDAY IMPACT | | | | 0.00 | Total Labor | | 0 | | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|---|---------------------------|----------------|------------|------------|------------|------------|--|--|
| # | Description | Name | Type | Mult. | Price | | | | |
| 201 | | | Electrical | 1.15 | \$0.00 | | | | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | | | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | | | |
| 204 | REMOVAL AND REPOSITION OF 4 FIRE HYDRANT BOLLARDS AND REPAIRING | Texas Industrial Partners | Civil | \$3,957.00 | 1.15 | \$4,550.55 | | | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | | | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | | | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | | | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | | | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | | | |
| Total Subs Cost | | | | \$3,957.00 | Total Subs | | \$4,550.55 | | |

Comments:

TIP Quote dated October 28, 2005 sent via fax

| | |
|--------------------------|------------|
| Total E.P.M | \$0.00 |
| Total Labor | \$0.00 |
| Total Subs | \$4,550.55 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 45 |
| Bonding | \$0.00 |
| TAX @ | 0.00% |
| TOTAL | \$4,550.55 |
| TOTAL + Retainage Comp @ | 0.00% |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$4,550.55 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Nov 01 05 12:01p

119494



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

CONFIDENTIAL - FAX - CONFIDENTIAL

| | | | |
|---------------|-----------------------------------|---------------|-------------------|
| To: | Rick Normandeau - Theilsch | From: | Mike Glass |
| Fax: | 972-233-1244 | Pages: | 6 Total |
| Phone: | 972-233-1222 | Date: | 11/1/2005 |
| Re: | Quotation | CC: | |

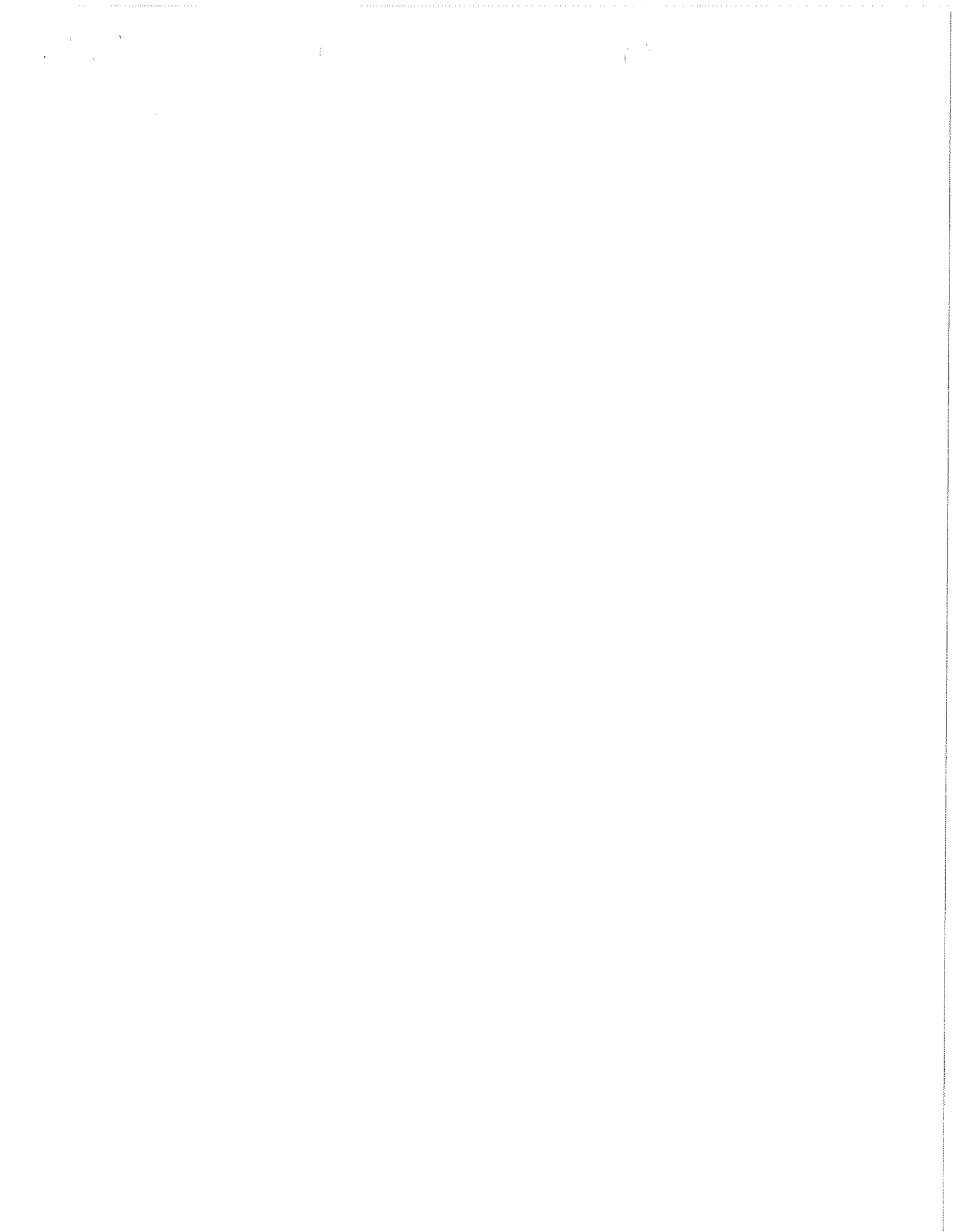
Urgent
 For Review
 Please Comment
 Please Reply
 Please Recycle

● **Comments:**

Rick,

Attached is the quotation for the Fire Hydrant Bollards that we discussed. Please review and let me know if you have any questions.

Regards,
 Mike Glass
 Mike Glass
 Texas Industrial Partners, Inc.
 817-727-1988 cell





2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

October 28, 2005

Theilsch Engineering
 Attn: Rick Normandeau
 2111 Dickson Drive
 Suite 10
 Austin, Texas 78704

RE: Addison Airport – Fire Hydrant Bollards

Dear Mr. Normandeau:

We are pleased with the opportunity to present our proposal on the above referenced project.

Scope of Work

A. Bollard Installation:

1. Fabricate and install (4) 6" diameter sch 40 pipe bollards.
2. Fill with concrete
3. Paint bollards with Sherwin Williams DTM Industrial Enamel in Safety Yellow.
4. No additional concrete, asphalt, or other civil work included.

Pricing:

| Description | Pricing |
|-------------------------|------------------------|
| A. Bollard Installation | \$3,957. ⁰⁰ |

General Project Notes:

1. Owner to provide material staging and storage area on site.
2. Owner to provide temporary power and other utilities, as required.
3. Owner to provide temporary lighting, as required.
4. Owner to provide personal facilities.

Exclusions:

1. Taxes
2. Testing
3. Surveying
4. Design, Engineering, and Drawings
5. Permit and Licensing

Nov 01 05 12:01p



2646 Aero Dr. • Grand Prairie, TX 75052 • Tel: 972-206-0277 • Fax: 972-602-1388

6. Electrical or Alarm Wiring Devices
7. Painting Not Specifically Stated Above
8. Labeling
9. City Connection Fees
10. Location, Repair, and/or Relocation of Under Ground Utilities
11. Fencing
12. All work not specifically stated in above scope.

Notes:

1. All work to be performed during normal business hours.
2. Pricing is firm for 30 days.
3. Terms of Payment: Net 30 days.
4. Texas Industrial Partners, Inc. does not indemnify anyone against his or her own negligence.
5. Any delays will be billed at our standard Time & Material Rates.

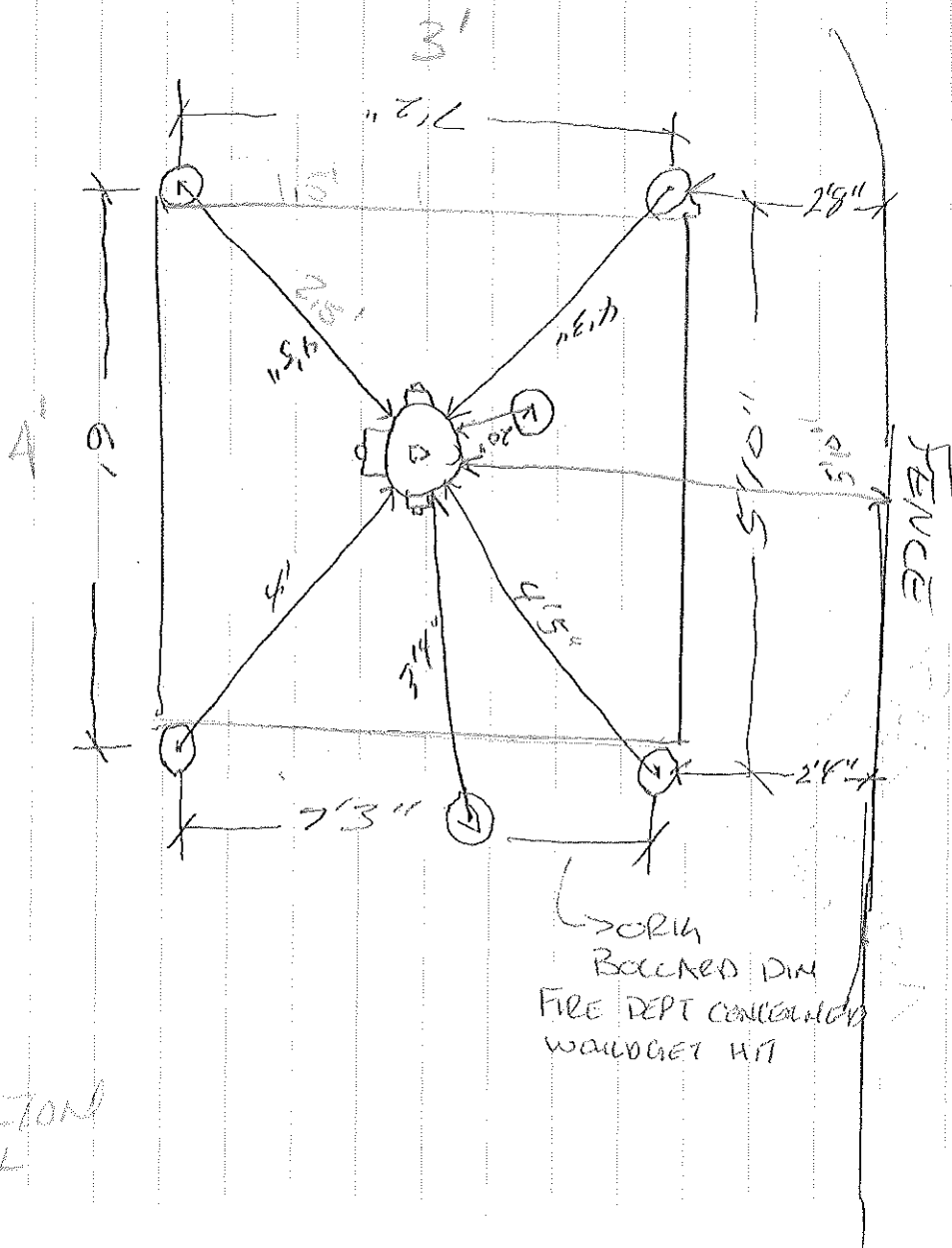
If you have any questions or need additional information, please feel free to call.

Respectfully Submitted,
Texas Industrial Partners, Inc.

Mike Glass

ZG Below
(can get 20 poles)

VOS 3
74112
47195



CARROLLTON
DE TAIL

Construction Change Order

For requested change to Oil Water Separator (OWS) Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The Oil Water Separator purchased from Highland Tank was approved by the Engineer through the normal submittal, Engineer review, and approval process. After the tank was installed by the Contractor, to achieve the proper slope of the outfall line, the Engineer recommended a different OWS/storm water sewer tie-in point. This approach required "potholing" to locate the exact tie-in point and involved a complex method for connecting the outlet of the oil water separator and the storm water sewer. The Contractor recommended an alternate method to tie in the outlet of the oil water separator, at the original tie-in point, which also achieved the proper slope for the system flow. This approach was approved by the Town of Addison in an e-mail of 10-28-05. As a result of the approach recommended by the Engineer for the alternate tie-in method and location, it became necessary to: a) locate the alternative storm water outfall connection by "potholing"; b) participate in several meetings related to evaluating alternatives; c) confirm proper elevations and slopes by utilizing a third-party surveyor; d) purchase and install materials for the connection approved 10-28-05; and e) make repairs to the storm sewer and asphalt surface resulting from the "potholing".

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$28,490.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 4 days; at this point in the project, the Civil contractor was prepared to make progress on the tasks at the South end of the project site, near the OWS, and the Contractor's project team was diverted from other tasks to identify a more cost-effective tie-in approach.
 - i. Engineer recommend different tie-in point/connection method.
 - ii. "Pothole" at various locations to locate storm water connection point.
 - iii. Contractor provide alternate connection method; review Engineer and Contractor alternates.
 - iv. Agree on Contractor recommended OWS outlet modification, allowing original connection location.
 - v. Material procurement lead time.

- vi. Implement OWS/Storm Sewer connection agreed to 10-28-05.
 - vii. Proceed with completion of Civil work at south end of project site.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Oil Water Separator (OWS) Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Wednesday, January 18, 2006 8:40 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: CCR-022--Oil Water Separator

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-022; this change order was originally titled "Potholing Repairs". The original change order number for the Oil Water Separator was CCR009. The letter of October 28, 2005, Mark Acevedo and Tom Cobb to Rick Normandeau, indicated that change order number 009 was to be cancelled.

This change order incorporates materials costs (Ameripipe is the supplier), subcontractor costs (Able Concrete for the civil work, and Weir and Associates for the surveying), and engineering costs. Backups are provided for Ameripipe--the requisition that was sent to Ameripipe confirming our order of October 28, 2005. We met with Able Concrete this afternoon and requested timesheets for their invoice; they indicated that a separate invoice for this change order would be provided before the end of this week. We will forward the Able invoice over as a separate e-mail and PDF file.

With this purchase order number, we can request a copy of the Ameripipe invoice if that is necessary. Let us know if this is required, and who it should be faxed to, and we will request it.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thiensch Engineering Estimate

Date: Wednesday, January 18, 2006

Sale Price \$28,490.00
 Total Costs \$25,549.59
 Gross Margin % 10.32%
 Gross Profit \$2,940.41

ADDISON AIRPORT
 15701 Addison Road
 Addison, Texas 75001

CCR-022-Oil Water Separator (OWS) Discharge Design Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|------------------------------|--------|-----------|-----------------|--------|---------------------|-------|-----------------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | 10" Standard 45 degree elbow | NA | Americast | \$83.62 | 2 | \$167.24 | 1.15 | \$192.33 | |
| 2 | 10" 150# RF VWT Flange | NA | Americast | \$48.00 | 4 | \$187.20 | 1.15 | \$215.28 | |
| 3 | 4" 150# RF VWT Flange | NA | Americast | \$18.59 | 1 | \$18.59 | 1.15 | \$21.34 | |
| 4 | 4" 150# RF Elm 4 Flange | NA | Americast | \$15.59 | 1 | \$15.59 | 1.15 | \$17.93 | |
| 5 | 10" x 10" x 4" standard tee | NA | Americast | \$255.00 | 1 | \$255.00 | 1.15 | \$293.25 | |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 8 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| Total E.C.M.Costs | | | | \$843.59 | | Total E.C.M. | | \$740.13 | |

| TEI LABOR SERVICES | | | | | | | | | | |
|----------------------|--|------|-------------------------------|----------------|--------------------|------------|-------------------|--|--|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. | Price | | | | |
| 101 | Communications, meetings, field verification, logistics, and support | 1093 | Project Manager | \$110.00 | 30 | \$3,300.00 | | | | |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 | Engineer | \$90.00 | 30 | \$2,700.00 | | | | |
| 103 | | 1106 | Tech. Engineer | \$80.00 | 0 | \$0.00 | | | | |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 | | | | |
| 105 | | 1140 | Foreman | \$65.00 | 0 | \$0.00 | | | | |
| 106 | | 1138 | Draftsman | \$60.00 | 0 | \$0.00 | | | | |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 | | | | |
| 108 | | 1078 | Pipefitter | \$63.00 | 0 | \$0.00 | | | | |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 | | | | |
| 110 | | 1043 | Mechanical-helper | \$35.20 | 0 | \$0.00 | | | | |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 | | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 | | | | |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 | | | | |
| 114 | | 1084 | Laborer / Millwright | \$25.00 | 0 | \$0.00 | | | | |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 | | | | |
| 116 | | 4319 | Training Engineer | \$60.00 | 0 | \$0.00 | | | | |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 | | | | |
| 118 | | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 | | | | |
| MANDAY IMPACT | | | | #DIV/0! | Total Labor | 60 | \$6,000.00 | | | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|--|---------------------|----------------|--------------------|-------------------|-------|--------------------|--|--|
| # | Description | Name | Type | | | Mult. | Price | | |
| 201 | | | Electrical | | | 1.15 | \$9.00 | | |
| 202 | | | Mechanical | | \$0.00 | 1.15 | \$0.00 | | |
| 203 | | | SCADA/PLC | | \$0.00 | 1.15 | \$0.00 | | |
| 204 | Foreman, Laborer, Helper, Electrician, Superintendent, Manpower for Support-Piping | ABLE | Civil | | \$15,681.00 | 1.15 | \$18,263.15 | | |
| 205 | Design Verification | Wise and Associates | Gen. Services | | \$1,750.00 | 1.15 | \$2,012.50 | | |
| 206 | Foreman, Laborer, Helper, Manpower for Support-OWE Installation | ABLE | Support Groups | | \$1,275.00 | 1.15 | \$1,468.25 | | |
| 207 | | | Riggers | | \$0.00 | 1.15 | \$0.00 | | |
| 208 | | | Equipment | | \$0.00 | 1.15 | \$0.00 | | |
| 209 | | | Miscellaneous | | \$0.00 | 1.15 | \$0.00 | | |
| Total Subs Cost | | | | \$18,906.00 | Total Subs | | \$21,741.90 | | |

Comments:

| | |
|---------------------------------|-------------------|
| Total E.P.M | \$740.13 |
| Total Labor | \$6,000.00 |
| Total Subs | \$21,741.90 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 0 \$0.00 |
| Bonding | \$0.00 |
| TAX @ | 0.00% \$0.00 |
| TOTAL | \$28,482.03 |
| TOTAL + Retainage Comp @ | 0.00% \$28,482.03 |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$28,482.03 |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Construction Change Order

For requested change to Oil Water Separator (OWS) Discharge Design

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

The Oil Water Separator purchased from Highland Tank was approved by the Engineer through the normal submittal, Engineer review, and approval process. After the tank was installed by the Contractor, to achieve the proper slope of the outfall line, the Engineer recommended a different OWS/storm water sewer tie-in point. This approach required "potholing" to locate the exact tie-in point and involved a complex method for connecting the outlet of the oil water separator and the storm water sewer. The Contractor recommended an alternate method to tie in the outlet of the oil water separator, at the original tie-in point, which also achieved the proper slope for the system flow. This approach was approved by the Town of Addison in an e-mail of 10-28-05. As a result of the approach recommended by the Engineer for the alternate tie-in method and location, it became necessary to: a) locate the alternative storm water outfall connection by "potholing"; b) participate in several meetings related to evaluating alternatives; c) confirm proper elevations and slopes by utilizing a third-party surveyor; d) purchase and install materials for the connection approved 10-28-05; and e) make repairs to the storm sewer and asphalt surface resulting from the "potholing".

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$28,490.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 4 days; at this point in the project, the Civil contractor was prepared to make progress on the tasks at the South end of the project site, near the OWS, and the Contractor's project team was diverted from other tasks to identify a more cost-effective tie-in approach.
 - i. Engineer recommend different tie-in point/connection method.
 - ii. "Pothole" at various locations to locate storm water connection point.
 - iii. Contractor provide alternate connection method; review Engineer and Contractor alternates.
 - iv. Agree on Contractor recommended OWS outlet modification, allowing original connection location.
 - v. Material procurement lead time.

- vi. Implement OWS/Storm Sewer connection agreed to 10-28-05.
 - vii. Proceed with completion of Civil work at south end of project site.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Oil Water Separator (OWS) Discharge Design

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Wednesday, January 18, 2006 8:40 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: CCR-022--Oil Water Separator

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-022; this change order was originally titled "Potholing Repairs". The original change order number for the Oil Water Separator was CCR009. The letter of October 28, 2005, Mark Acevedo and Tom Cobb to Rick Normandeu, indicated that change order number 009 was to be cancelled.

This change order incorporates materials costs (Ameripipe is the supplier), subcontractor costs (Able Concrete for the civil work, and Weir and Associates for the surveying), and engineering costs. Backups are provided for Ameripipe--the requisition that was sent to Ameripipe confirming our order of October 28, 2005. We met with Able Concrete this afternoon and requested timesheets for their invoice; they indicated that a separate invoice for this change order would be provided before the end of this week. We will forward the Able invoice over as a separate e-mail and PDF file.

With this purchase order number, we can request a copy of the Ameripipe invoice if that is necessary. Let us know if this is required, and who it should be faxed to, and we will request it.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Wednesday, January 18, 2006

Sale Price \$28,490.00
Total Costs \$25,549.59
Gross Margin % 10.32%
Gross Profit \$2,940.41

CCR-022-Oil Water Separator (OWS) Discharge Design

Contract Type: Construction Change Request

| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|--------------------|------------------------------|--------|-----------|-----------|--------|--------------|-------|----------|
| 1 | 10" Standard 45 degree elbow | 04 | Ameripipe | \$93.62 | 2 | \$187.24 | 1.15 | \$192.33 |
| 2 | 10" 150# RF UNI Flange | 04 | Ameripipe | \$46.80 | 4 | \$187.20 | 1.15 | \$215.28 |
| 3 | 4" 150# RF 1/2 Flange | 04 | Ameripipe | \$18.59 | 1 | \$18.59 | 1.15 | \$21.34 |
| 4 | 4" 150# RF Blind Flange | 04 | Ameripipe | \$15.59 | 1 | \$15.59 | 1.15 | \$17.93 |
| 5 | 10" x 12" x 4" standard tee | 04 | Ameripipe | \$295.00 | 1 | \$295.00 | 1.15 | \$293.25 |
| 6 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | 04 | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$643.69 | | Total E.C.M. | | \$740.13 |

| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|---------------|--|------|-------------------------------|-------------|--------------|------------|
| 101 | Communications, meetings, field verification, logistics, and support | 1093 | Project Manager | \$110.00 | 30 | \$3,300.00 |
| 102 | Communications, meetings, field verification, logistics, and support | 1021 | Engineer | \$90.00 | 30 | \$2,700.00 |
| 103 | | 1108 | Tech. Engineer | \$80.00 | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | \$75.00 | 0 | \$0.00 |
| 105 | | 1140 | Foreman | \$85.00 | 0 | \$0.00 |
| 106 | | 1138 | Draftsman | \$80.00 | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | \$63.00 | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | \$63.00 | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | \$63.00 | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | \$35.25 | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | \$60.00 | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | \$40.00 | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | \$30.00 | 0 | \$0.00 |
| 114 | | 1084 | Laborer / Mithwright | \$25.00 | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | \$35.25 | 0 | \$0.00 |
| 116 | | 4319 | Training Engineer | \$90.00 | 0 | \$0.00 |
| 117 | | 4320 | Training Tech | \$35.00 | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | \$20.00 | 0 | \$0.00 |
| MANDAY IMPACT | | | #DIV/0! | Total Labor | 60 | \$6,000.00 |

| # | Description | Name | Type | Mult. | Price | |
|-----------------|---|---------------------|----------------|-------------|-------------|-------------|
| 201 | | | Electrical | 1.15 | \$0.00 | |
| 202 | | | Mechanical | 1.15 | \$0.00 | |
| 203 | | | SCADA/PLC | 1.15 | \$0.00 | |
| 204 | Foreman, Laborer, Helper, Electrician, Supervisor, Mechanics for Support-Piping | ABLE | Civil | \$15,891.00 | 1.15 | \$18,263.15 |
| 205 | Crane Verification | Iron and Associates | Gen. Services | \$1,750.00 | 1.15 | \$2,012.50 |
| 206 | Foreman, Laborer, Helper, Mechanics for Support-OWS Installation | ABLE | Support Groups | \$1,275.00 | 1.15 | \$1,468.25 |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 |
| Total Subs Cost | | | \$18,906.00 | Total Subs | \$21,741.90 | |

| | | | |
|-----------|--|--------------------------|-------------|
| Comments: | | Total E.P.M | \$740.13 |
| | | Total Labor | \$6,000.00 |
| | | Total Subs | \$21,741.90 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (dsys) | \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% |
| | | TOTAL | \$28,482.03 |
| | | TOTAL + Retainage Comp @ | 0.00% |
| | | Additional TOTAL MARK-UP | 0.00% |
| | | SALES PRICE | \$28,482.03 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

Construction Change Order

For requested change to Provide Support for 2" Vent Lines

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

A Request For Information (RFI) number RT1008, dated 11-03-05 reads as follows: "The waste tank atmospheric vent piping was required to extend beyond canopy. The size and rigidity of the piping would indicate a need for some structural support. Recommend a cross member with pipe clamp attached to canopy structure via beam clamps. Please advise." The subject RFI was reviewed and approved by Tom Cobb of the Washington Group on 11-04-05; a copy of the RFI is attached.

The implementation of the additional structural support identified in RFI number RT1008 proceeded as follows:

- Select, purchase, and receive galvanized angle iron for supporting the 2" vent lines. Select, purchase, and receive "C-clamps" to hold the angle iron in place while special clamps are being received. The "C clamps" were utilized so that the vent line supports could be installed as quickly as possible—a) the need existed to support the vent lines, before any damage occurred to the canopy; b) there was a need to move forward with the lightning protection so that the task could be completed expeditiously; and c) clamps were utilized, in lieu of welding, because of the difficulty in welding at that height and because of the difficulty in protecting personnel and equipment from weld spatter.
- Install the angle iron in place with the "C Clamps"; allow work on the lightning protection to proceed to completion.
- Receive and install the special clamps—Lindapter clamps and associated hardware—which are specially designed for this type of application.
- Drill holes in angle iron for "U-bolts" to attach the vent lines to the angle iron.
- Receive and install the "U-bolts" to attach the vent lines to the angle iron.

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$13,700.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add 2" Waste Tank Vent Line Support

Thielsch Engineering, Inc. **Date**

Town of Addison **Date**

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeu@thielsch.com
Sent: Friday, February 03, 2006 11:40 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: Addison Change Order 024--Support for 2" Vent Lines

Tom and Mark,

Attached is the formal change order document, with cost estimate, for the subject revision to the project scope.

Also attached are the following documents: a) Request for Information (RFI) number RT1008, dated 11-3-2005; b) time sheet for craft labor; c) Fastenal invoice for angle iron; d) Home Depot invoice for C Clamps; e) Fastenal purchase order for U bolts; f) Lindapter invoice for hardware for attaching the angle iron to the canopy support steel; and g) NationsRent invoice for Sky Lift.

Regards,
Rick Normandeu
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Date: Thursday, February 02, 2006

Sale Price \$13,700.00
Total Costs \$13,308.66
Gross Margin % 2.85%
Gross Profit \$391.34

CCR-024 - 2" Vent Line Supports Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|---|--------|------------|------------|--------|--------------|-------|------------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | 4" C Clamps to attach angle iron to canopy support steel | na | Honey Dept | \$7.60 | 10 | \$76.00 | 1.15 | \$91.54 | |
| 2 | 5/16" - 18 x 2" Pipe Zinc plated regular U-bol | na | Federal | \$4.60 | 3 | \$13.80 | 1.15 | \$15.29 | |
| 3 | 5/16" - 18 x 1/2" U Bolts | na | Federal | \$0.70 | 10 | \$7.00 | 1.15 | \$8.05 | |
| 4 | 3" x 3" x 3/8" galvanized angle iron | na | Federal | \$5.87 | 100 | \$587.00 | 1.15 | \$675.05 | |
| 5 | Special Hardware to attach angle iron to canopy support steel | na | Unistep | \$89.96 | 1 | \$89.96 | 1.15 | \$1,022.30 | |
| 6 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 7 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 8 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| Total E.C.M.Costs | | | | \$1,587.16 | | Total E.C.M. | | \$1,802.23 | |

| Thielsch Engineering LABOR SERVICES | | | | | | | | | | |
|-------------------------------------|--|------|-------------------------------|-------------|--------------|-------------|--------|--|--|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | | |
| 101 | | 1093 | Project Manager | \$0.00 | 0 | \$0.00 | | | | |
| 102 | Identify supplier, select hardware, procure and receive, document change order details | 1021 | Engineer | \$90.00 | 24 | \$2,160.00 | | | | |
| 103 | | 1109 | Tech. Engineer | \$0.00 | 0 | \$0.00 | | | | |
| 104 | | 1105 | Superintendent | \$0.00 | 0 | \$0.00 | | | | |
| 105 | Robert Martinez | 1140 | Foreman | \$57.75 | 8 | \$462.00 | | | | |
| 106 | | 1136 | Draftsman | \$0.00 | 0 | \$0.00 | | | | |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 | | | | |
| 108 | | 1076 | Pipefitter | \$0.00 | 0 | \$0.00 | | | | |
| 109 | Manhours per attached timesheet | 1052 | Craftsman | \$54.13 | 150 | \$8,119.50 | | | | |
| 110 | | 1043 | Mechanical-helper | \$0.00 | 0 | \$0.00 | | | | |
| 111 | | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 | | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | \$0.00 | | | | |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 | | | | |
| 114 | | 1064 | Laborer / Millwright | \$0.00 | 0 | \$0.00 | | | | |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 | | | | |
| 116 | | 4319 | Training | Engineer | \$0.00 | 0 | \$0.00 | | | |
| 117 | | 4320 | Training | Tech | \$0.00 | 0 | \$0.00 | | | |
| 118 | | 1009 | Documentation Coord. | \$0.00 | 0 | \$0.00 | | | | |
| MANDAY IMPACT | | | #DIV/0! | Total Labor | 182 | \$10,741.50 | | | | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-------------|------|----------------|------------|------------|-------|------------|--|--|
| # | Description | Name | Type | | | Mult. | Price | | |
| 201 | | | Electrical | | | 1.15 | \$0.00 | | |
| 202 | | | Mechanical | | | 1.15 | \$0.00 | | |
| 203 | | | SCADA/PLC | | | 1.15 | \$0.00 | | |
| 204 | | | Civil | | | 1.15 | \$0.00 | | |
| 205 | | | Gen. Services | | | 1.15 | \$0.00 | | |
| 206 | | | Support Groups | | | 1.15 | \$0.00 | | |
| 207 | | | Riggers | | | 1.15 | \$0.00 | | |
| 208 | | | Equipment | | | 1.15 | \$1,150.00 | | |
| 209 | | | Miscellaneous | | | 1.15 | \$0.00 | | |
| Total Subs Cost | | | | \$1,000.00 | Total Subs | | \$1,150.00 | | |

| | | | | | | | | | | |
|-----------|--|--|--|--|--|--------------------------|-------------|-------------|--|--|
| Comments: | | | | | | Total E.P.M | \$1,802.23 | | | |
| | | | | | | Total Labor | \$10,741.50 | | | |
| | | | | | | Total Subs | \$1,150.00 | | | |
| | | | | | | Travel | \$0.00 | | | |
| | | | | | | Factory Training | \$0.00 | | | |
| | | | | | | Freight | \$0.00 | | | |
| | | | | | | Permits | \$0.00 | | | |
| | | | | | | Carrying Cost (days) | 0 | \$0.00 | | |
| | | | | | | Bonding | \$0.00 | | | |
| | | | | | | TAX @ | 0.00% | \$0.00 | | |
| | | | | | | TOTAL | \$13,693.73 | | | |
| | | | | | | TOTAL + Retainage Comp @ | 0.00% | \$13,693.73 | | |
| | | | | | | Additional TOTAL MARK-UP | 0.00% | | | |
| | | | | | | SALES PRICE | \$13,693.73 | | | |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

RFI No.: RT1008
Job No.: 41050015
Date: 11/03/2005

Location: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System
Contract No.: BID 05-02
Ref: 2" WASTETANK VENT PIPING

TO: Washington Group International

Cc: _____
Cc: _____

ATTN: Tom Cobb

| RESPONSE CODE: | SUBMITTED FOR: | ACTION TAKEN: |
|--|--|---|
| <input checked="" type="checkbox"/> Critical | <input checked="" type="checkbox"/> Review and Comment | <input checked="" type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Important | <input type="checkbox"/> Informational | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Routine | | <input type="checkbox"/> Resubmit |

| DOCUMENT REFERENCE | REV. NO. | SHEETS REFERENCE | TITLE | SPEC. SECTION | AREA OF WORK |
|--------------------|----------|------------------|---|---------------|-------------------------|
| CONSTRUCTION DWG | 2 | Sheets 27 of 33 | P&ID FUEL TANKS & EQUIPMENT | 13000 | FUEL SYSTEM VENT PIPING |
| CONSTRUCTION DWG | 2 | Sheets 28 of 33 | TANK LAYOUT PLANS | 13000 | FUEL SYSTEM VENT PIPING |
| CONSTRUCTION DWG | 2 | Sheets 33 of 33 | BULK FUEL STORAGE AND DISPENSING SYSTEM SECTION "Y-Y" AND CANOPY DETAIL ALTERNATE BID | 13000 | FUEL SYSTEM VENT PIPING |

DESCRIBE INFORMATION BEING REQUESTED (PLEASE BE EXPLICIT):

THE WASTE TANK ATMOSPHERIC VENT PIPING WAS REQUIRED TO EXTEND BEYOND CANOPY. THE SIZE AND RIGIDITY OF THE PIPING WOULD INDICATE A NEED FOR SOME STUCTURAL SUPPORT. RECOMMEND A CROSS MEMBER WITH PIPE CLAMP ATTACHED TO CANOPY STRUCTURE VIA BEAM CLAMPS.
PLEASE, ADVISE.

RESPONSE REQUIRED BY: ASAP

NAME:

SIGNATURE:

Check one: Response DOES NOT cause a change in Contract Price and/ or Contract Time.
 Response DOES cause a Potential change in Contract Price and/ or Contract Time.

DESCRIBE RESPONSE BEING REQUESTED (PLEASE BE EXPLICIT):

EFFECTS OF THIS RFI:

- NO COST CHANGE
- REVISIONS TO DRAWINGS
- REVISIONS TO SPECS
- POTENTIAL COST CHANGE

RECORD COPY

NAME: Tommy Cobb
(PLEASE PRINT)

FIRM: WILDE

SIGNATURE: [Signature]

DATE: 11/4/05

[Signature]
Tommy Cobb
WILDE

Addison Fuel Farm
Change Order #024

Time Sheet

| <u>Period</u> | <u>Name</u> | <u>Hours</u> |
|----------------------|-----------------|--------------|
| Week ending 11-20-05 | Rafael Ramirez | 30 |
| | Michael Ballard | 30 |
| | Rusty Hughes | 30 |
| Week ending 12-18-05 | Rusty Hughes | 20 |
| | Ray Ortega | 20 |
| | Hector Saenz | 20 |
| TOTALS | | 150 hours |

Timesheet submitted and approved by Robert Martinez, foreman

FASTENAL®

INDUSTRIAL & CONSTRUCTION SUPPLIES

INVOICE

Cust. No.
TXCAR1923

Cust. P.O.
119373

119423

Job No.
41-05-015

Remit to
Fastenal Company
P.O. Box 978
Winona, MN 55997-0978

Page 1
Date 11/11/2005
Invoice No. TXCAR95049

For billing questions
1432 MacArthur Drive
CARROLLTON, TX 75007
United States
Phone (972)466-0593

Due Date 12/15/2005
Invoice Total 587.14 USD

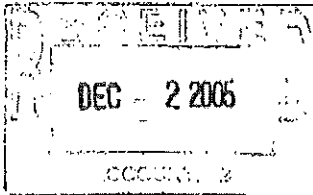
Sold To
THIELSCH ENGINEERING, INC.
191 FRANCES AVE.
CRANSTON, RI 02910-2211

Ship To
THIELSCH ENGINEERING, INC.
ADDISON AIRPORT FUEL FARM
15701 ADDISON ROAD



Please detach and send top portion of invoice with remittance to above address

| Line No | Quantity Ordered | Quantity Shipped | Quantity Invoiced | Description | Control No. | Part No. | Price / C | Amount |
|---------|------------------|------------------|-------------------|-------------------|-------------|----------|-----------|--------|
| 1 | 1.200 | 1.200 | 0 | ASS ANG 3 x 1/4 G | CATR18333 | 0958052 | 47.2830 | 570.64 |



VENDOR # _____
APPROVED Rhoman
DATE 12/5/05
ACCT # 41-05-0015
ENTERED _____
LAB # _____
TAX _____

RN 12/5

R 12/15

| | | | |
|-------------|---------------|---------------------|---------------|
| Received By | Tax Exemption | Subtotal | 570.64 |
| Comments | | Shipping & Handling | 16.50 |
| | | TX State Tax | 0.00 |
| | | County Tax | 0.00 |
| | | City Tax | 0.00 |
| | | Total | 587.14 |

Reasonable collection and attorneys fees will be assessed to all accounts placed for collection.

No materials accepted for return without our permission. All discrepancies must be reported within 10 days.

Fastenal Company
P.O. Box 978
Winona, MN 55997-0978

Invoice/Dt: TXCAR95049 11/11/2005
Cust: TXCAR1923
P O No: 119373
Job No: 41-05-015

Please pay from this invoice. No statement will be sent.

Printed In USA

THE HOME DEPOT 055
6200 #1 BLVD.
W PLANO, TX 75093 (972) 735-9333

SALE, 0551 00003 51015 11/11/
61 KRB508 10:56



044295264037 4"CCLAMP 79.66
.10 @ 7.96
094138050501 80#MAXIMIZER
39 @ 4.98 194.22
SUBTOTAL 273.82
SALES TAX 22.59
TOTAL \$296.41
XXXXXXXXXXXX0191 HOME DEPOT 296.41
AUTH CODE 0119604097055 TA
P.O.#/JOB NAME 119476

THIELSCH ENGINEERING
REQUIRED PO



NOW HIRING SPECIALTY SALES ASSOCIATES.
APPLY TODAY IN-STORE OR ON-LINE AT:
CAREERS.HOMEDEPOT.COM/SPECIALISTS

ENTER FOR A CHANCE
TO WIN A \$5,000
HOME DEPOT GIFT
CARD!

Your Opinion Counts! We would like to
hear about your shopping experience.
Enter to win a \$5,000 Home Depot Gift
Card by completing a brief survey about
your store visit at:

www.HomeDepotOpinion.com

You will need the following to enter
on-line:

User ID:
102870 102322

Password:
5561 102319

Entries must be entered by 12/11/2005.
Entrants must be 18 or older to enter.
See complete rules on website. No
purchase necessary.



Fastenal Company
 P.O. Box 978
 Winona, MN 55987-0978

Packing Slip

Date 11/16/2005 Reference No. TXCAR95138 Page 1

The store serving you is
 1492 MacArthur Drive

DUE DATE: 12/15/2005

Cust. No. TXCAR1923 Cust. P.O. 119431 Job No. 41-05-015

Corroilton, TX 75007
 (972) 466-0593

THIELSCH ENGINEERING, INC.
 195 Frances Ave.
 Cranston, RI 02910-2211
 401-467-6454

THIELSCH ENGINEERING, INC.
 Addison Airport Fuel Farm
 15701 Addison Road
 Addison, TX 75001
 214-662-2608

| Line No. | Quantity Ordered | Quantity Shipped | Quantity Backorder | Description | Unit | Part No. | Price | Amount |
|----------|------------------|------------------|--------------------|--|------------------------|---------------|----------|---------|
| 1 | 28 | 28 | 0 | 3000 FS TH CPLG | anvili | 0467277 | 271.1500 | 75.92 G |
| 2 | 100 | 100 | 0 | Threaded 3000# Steel Coupling Pipe | 0 RB U-BLT 5/16X1 PIPE | 047782 62018 | 61.4295 | 61.43 G |
| 3 | 30 | 30 | 0 | 5/16-18 x 1" Pipe Zinc Plated Reg Len U-Bolt | use w/Plate #2 | 058643 62034 | 91.8000 | 27.54 G |
| 4 | 300 | 300 | 0 | 5/16-18 x 2" Pipe Zinc Plated Reg Len U-Bolt | use w/Plate #4 | 047310 136104 | 3.4425 | 10.33 G |
| 5 | | | 0 | 1 1/2" Zinc Plated Hex Nut | anvili | 0467107 | 532.9500 | 74.61 G |
| | | | 0 | 2K1 FS Hex Bush | | | | |
| | | | 0 | Hex Bushing Pipe | | | | |

R 11/29

| | | | |
|---------------------------------|---------------|---------------------|--------|
| Received By: <i>[Signature]</i> | Tax Exemption | Subtotal | 249.83 |
| Comments | Exemption | Shipping & Handling | 7.47 |
| Contact: JB Butler hr | | State Tax | 0.00 |
| | | County Tax | 0.00 |
| | | City Tax | 0.00 |
| | | TOTAL USD | 257.30 |

If you repackage or resell this product, you are required to maintain the integrity of country of origin. You are required to assess to all accounts placed for collection.

* indicates part was sold at a promotional or special discount price
 No materials accepted for return without our permission.
 All discrepancies must be reported within 10 days.

Thank You!

Invoice

Lindapter North America, Inc.

3924A Varsity Drive
Ann Arbor, MI 48108
Tel: (888) 724-2323
www.LindapterNA.com

| DATE | INVOICE # |
|------------|-----------|
| 11/23/2005 | 17067 |

BILL TO:

Thielsch Engineering
2111 Dickson Drive
Suite 10
Austin, TX 78704

SHIP TO:

Thielsch Engineering
c/o Addison Airport
15701 Addison Road
Addison, TX 75001

| P.O. NUMBER | TERMS | REP | SHIP | VIA | F.O.B. | PROJECT |
|-------------|--------|-----|------------|-----|---------------|---------|
| 41-05-0015 | Net 30 | C | 11/23/2005 | CCX | Ann Arbor, MI | |

| QUANTITY | ITEM CODE | DESCRIPTION | PRICE EACH | AMOUNT |
|---------------------|--------------|---------------------------------------|---------------|---------------|
| 10 | ASSEM | LGC051120 Girder Clamp consisting of: | 74.20 | 742.00 |
| 40 | LLR050 EG | 1/2" TYPE LR SADDLE & CLIP EG | 0.00 | 0.00 |
| 10 | LA050L EG | 1/2" -A-LONG TAIL EG | 0.00 | 0.00 |
| 10 | LP1050S EG | 1/2" P1 SHORT PACK EG | 0.00 | 0.00 |
| 10 | LC2050 EG | 1/2" TYPE C2 EG | 0.00 | 0.00 |
| 40 | HHCS05030... | 1/2" X 3" GR5 HEX HEAD CAP SCRES | 0.00 | 0.00 |
| 10 | HHCS05025... | 1/2" X 2-1/2" GR5 HEX HEAD CAP SCREW | 0.00 | 0.00 |
| 10 | HHCS05055... | 1/2" x 5-1/2" GR. 5 BOLT | 0.00 | 0.00 |
| 60 | HFLW050 | 1/2" FLAT WASHER | 0.00 | 0.00 |
| 60 | HLKW050 ... | 1/2" LOCK WASHER | 0.00 | 0.00 |
| 60 | HHXN050 EG | 1/2" HEX NUT | 0.00 | 0.00 |
| 10 | LOCATOR... | LOCATOR PLATE | 0.00 | 0.00 |
| SHIPPING/... | | | 146.96 | 146.96 |

Thank you for your business

TOTAL \$888.96

NATIONSRENT #104-PLANO

2801 AROHERWOOD
 PLANO, TX 75074
 Phone 972-881-1330
 Fax 972-881-1476
 MON-SAT 7AM-5PM

Invoice # 820883-0001
 Invoice Date 8/22/05

Entered By
 Closed By CYCLE BILL
 Salesman 36409 ECHEVARRIA, JOE R

4 WEEK BILL

Remit To: NationsRent, P.O. BOX 846163 DALLAS, TX 75284-8163

| | | | | | | | |
|------------------------------|--|----------|--------------|------------|---------|-------------|---------|
| Customer Number | 3036674 | P.O. # | 117481 | Job # | J.B. | Date Out | 8/03/05 |
| Customer Name | THIELSCH ENGINEERING INC ATTENTION MELISSA ROMANO 195 FRANCES AVENUE CRANSTON, RI 02910 | Office # | 972-233-1222 | Time Out | 8:00 AM | Billed Thru | 8/31/05 |
| | | Job # | 512-320-8845 | Ordered By | JB, | | |
| Job Address | ADDISON AIRPORT 15700 ADDISON RD D4-Y ADDISON, TX 75001 | | | | | | |
| Rental Rates (Per Each Item) | | | | | | | |
| Qty | Equipment # | Min | Day | Week | 4 Week | Amount | |

1 FORKLIFT 42' EXTENDABOOM 8000 350.00 350.00 976.00 2400.00 2232.00
 278570 Make: SKYTRAK Model: 8042 Ser #: 0160006328
 HR OUT: 464.00 HR IN: TOTAL: 464.00
 Salesman rates

SALES ITEMS:

| Qty | Item number | Unit | Price | |
|-----|----------------------|------|--------|-------|
| 1 | ENVIRONMENTAL CHARGE | EA | 15.000 | 15.00 |

DELIVERY CHARGE 60.00

PICKUP CHARGE VENDOR #003961 60.00

Ob j.b. 214-662-2608
 db wayne

APPROVED _____
 DATE _____

Sub-total: 2367.00
 Damage waiver: 323.64
 Tax: 221.99
 Total: 2912.63

BILLED FOR FOUR WEEKS ACCT # 8/03/05 THRU 8/31/05 08:00 AM

ENTERED _____

LAB # _____

TAX _____

MM TO Pck 11/16

never rec'd by me.

MARIE THIELSCH ENGINEERING INC

Kimberly Stewart
 401-461-3020

*INUS

By customer demand, NationsRent delivers this equipment to customer's agent at the customer's designated site, and makes available the opportunity for immediate operator familiarization/training. Customer is cautioned to accept the Company's Offer for operator familiarization/training and to avoid all opportunities where untrained persons may cause this equipment to be used or operated. The customer's signature on this Rental Contract indicates their understanding of and acceptance of responsibility for operator training requirements as required by applicable local, state and federal regulations.

REMIT TO:
 NationsRent
 P.O. BOX 846163
 DALLAS, TX 75284-8163

Delivered By _____ Date _____

Due Upon Receipt
 The Total Amount set forth above is estimated based on the Due Date and single shift usage.

NationsRent agrees to waive certain damages against Customer that are provided for on the reverse side of this Contract, in consideration of the customer paying the Damage Waiver fee on the face of this Contract.

Damage Waiver Declined _____ DAMAGE WAIVER CAN ONLY BE DECLINED IF A CERTIFICATE OF INSURANCE IS ON FILE

I HAVE READ AND AGREE TO ALL OF THE TERMS AND CONDITIONS ON THE FRONT AND REVERSE SIDE OF THIS CONTRACT. I ACKNOWLEDGE RECEIPT OF THE EQUIPMENT DELIVERED IN GOOD ORDER AND A COPY OF THIS CONTRACT. IF OTHER THAN CUSTOMER, SIGNER REPRESENTS THAT THEY ARE THE AGENT OF, AND AUTHORIZED TO SIGN FOR CUSTOMER THIS CONTRACT REPRESENTS THE ENTIRE AGREEMENT BETWEEN YOU AND US, AND THERE ARE NO ORAL OR OTHER REPRESENTATIONS OR AGREEMENTS NOT INCLUDED HEREIN. NONE OF THE TERMS OR CONDITIONS OF THIS CONTRACT MAY BE AMENDED OR MODIFIED, EXCEPT IN WRITING SIGNED BY COMPANY AND CUSTOMER, AND MADE A PART OF THIS CONTRACT. CUSTOMERS WILL BE CHARGED FOR ALL TIRE REPAIR OR REPLACEMENT AND FOR RETURNING EQUIPMENT WITH LESS THAN A FULL TANK OF FUEL. CUSTOMER HEREBY AUTHORIZES COMPANY TO SEND ADVERTISEMENTS AND SOLICITATIONS TO CUSTOMER BY FACSIMILE TRANSMISSION OR OTHERWISE. RENTAL RATES BASED ON 8 WORKING HOURS PER DAY, 40 HOURS PER WEEK, 100 HOURS PER FOUR WEEK PERIOD. OVERTIME CHARGED ON OVERTAGES.

Customer Signature _____ Date _____

Page: 1

Construction Change Order

For requested change to Provide AvGas and Jet A Sampling Connection

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the Town to provide a sampling connection in the AvGas and Jet A tank water draw-off piping, between the hand pump and the waste tank, this task has added to the scope of work on the project. The additional cost of construction has been determined as this represents a change to the original bid package.

The Burns & McDonnell trip report, dated 12-19-05 and covering the site visit of 12-16-05 reads:

4. **AvGas sampling connection.** The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch, the hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.

Subsequent to the transmittal of a change order to cover the cost of the four AvGas tanks (numbers 3, 8, 9, and 11), the request was made by Luis Elguezabal (WGI) to provide sampling connections on the remainder of the tanks. The sampling connection on the hand pumps for the Jet A tanks is slightly different than the AvGas tanks—the Jet A tanks require the hand pump to be rotated about 5 degrees so that the vertical piping—already installed—will not interfere with the new sample connection. The Jet A tanks require the addition of a nipple, a 45 degree ell, another nipple, and a 3/4" ball valve; the AvGas tanks require the addition of a nipple, the 3/4" ball valve, and another nipple. These sampling connections are made on the south side of the pumps.

A flexible hose, with nozzle, will be attached to the end of the sampling connection; that nozzle is placed in the slot provided on the north side of the pump when sampling is not taking place. The hose is approximately 8' long, and is attached to the sampling connection with a 3/4" coupling; the costs for the

hose and nozzle are not shown on the change order, as they were included with the original purchase of the hand pumps.

- 2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$3410.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
- 3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add AvGas Sampling Connection

| | |
|-----------------------------------|-------------|
| Thielsch Engineering, Inc. | Date |
|-----------------------------------|-------------|

| | |
|------------------------|-------------|
| Town of Addison | Date |
|------------------------|-------------|

CC: Mark Acevedo
 Peter Kennefick
 Tom Lent
 Brian Johnson
 Cary Franklin

Thielsch Engineering Estimate

Date: Thursday, February 02, 2006

Sale Price \$3,410.00
 Total Costs \$3,286.86
 Gross Margin % 3.61%
 Gross Profit \$123.14

ADDISON AIRPORT
 15701 Addison Road
 Addison, Texas 75001

CCR-026 - AvGas Sampling Connection-Revision B

Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|--|--------|---------|-----------------|--------|---------------------|-------|-----------------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | 3/4" x short black seamless carbon steel threaded nipple | NA | Ameripe | \$11.00 | 4 | \$44.00 | 1.15 | \$5.08 | |
| 2 | 3/4" Sharp carbon steel Ball Valve, threaded | NA | Ameripe | \$48.00 | 4 | \$192.00 | 1.15 | \$220.80 | |
| 3 | 3/4" carbon steel pipe couplings | NA | Ameripe | \$2.80 | 4 | \$11.20 | 1.15 | \$12.88 | |
| 4 | 3/4" x 3" nipples black seamless carbon steel, threaded | NA | Ameripe | \$1.80 | 4 | \$7.20 | 1.15 | \$8.28 | |
| 5 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 6 | 3/4" Sharp carbon steel Ball Valve, threaded | NA | Ameripe | \$18.00 | 16 | \$480.00 | 1.15 | \$552.00 | |
| 7 | 3/4" x short black seamless carbon steel threaded nipple | NA | Ameripe | \$11.00 | 10 | \$110.00 | 1.15 | \$126.55 | |
| 8 | 3/4" 300# carbon steel threaded 45 degree elbow | NA | Ameripe | \$4.60 | 10 | \$46.00 | 1.15 | \$55.89 | |
| 9 | 3/4" carbon steel pipe couplings | NA | Ameripe | \$2.80 | 10 | \$28.00 | 1.15 | \$32.20 | |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| Total E.C.M. Costs | | | | \$782.40 | | Total E.C.M. | | \$899.76 | |

| Thielsch Engineering LABOR SERVICES | | | | | | | | | |
|-------------------------------------|---|------|-------------------------------|----------------|--------------|--------------------|-----------|-------------------|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | |
| 101 | Provide sampling connections on AvGas Tanks | 1083 | Project Manager | \$0.00 | 0 | \$0.00 | | | |
| 102 | Numbers 3, 8, 11, and 14 | 1021 | Engineer | \$0.00 | 0 | \$0.00 | | | |
| 103 | Provide sampling connections on Jet A Tanks | 1108 | Tech. Engineer | \$0.00 | 0 | \$0.00 | | | |
| 104 | Numbers 1, 2, 4, 6, 8, 7, 9, 10, 12, and 13 | 1105 | Superintendent | \$0.00 | 0 | \$0.00 | | | |
| 105 | Robert Martinez | 1140 | Foreman | \$57.75 | 4 | \$231.00 | | | |
| 106 | | 1136 | Draftsman | \$0.00 | 0 | \$0.00 | | | |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 | | | |
| 108 | | 1076 | Pipefitter | \$0.00 | 0 | \$0.00 | | | |
| 109 | Hector Saenz and Marty Martinez-period 12-20-05 through 1-5-06 (AvGas) | 1052 | Craftsman | \$54.13 | 42 | \$2,273.46 | | | |
| 110 | Two people twenty one hours each, for fourteen total sample connection | 1043 | Mechanical-helper | \$0.00 | 0 | \$0.00 | | | |
| 111 | The majority of this work takes place on the top of the west side of the | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 | | | |
| 112 | storage tanks, where the craftsman are required to utilize fall protection. | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | \$0.00 | | | |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 | | | |
| 114 | | 1064 | Laborer / Millwright | \$0.00 | 0 | \$0.00 | | | |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 | | | |
| 116 | | 4319 | Training | Engineer | \$0.00 | 0 | \$0.00 | | |
| 117 | | 4320 | Training | Tech | \$0.00 | 0 | \$0.00 | | |
| 118 | | 1008 | Documentation Coord. | | \$0.00 | 0 | \$0.00 | | |
| MANDAY IMPACT | | | | #DIV/0! | | Total Labor | 46 | \$2,504.46 | |

| SUB CONTRACTOR SERVICES | | | | | | | | | |
|-------------------------|-------------|------|----------------|---------------|-------|-------------------|--|---------------|--|
| # | Description | Name | Type | | Mult. | Price | | | |
| 201 | | | Electrical | | 1.15 | \$0.00 | | | |
| 202 | | | Mechanical | | 1.15 | \$0.00 | | | |
| 203 | | | SCADA/PLC | | 1.15 | \$0.00 | | | |
| 204 | | | Civil | | 1.15 | \$0.00 | | | |
| 205 | | | Gen. Services | | 1.15 | \$0.00 | | | |
| 206 | | | Support Groups | | 1.15 | \$0.00 | | | |
| 207 | | | Riggers | | 1.15 | \$0.00 | | | |
| 208 | | | Equipment | | 1.15 | \$0.00 | | | |
| 209 | | | Miscellaneous | | 1.15 | \$0.00 | | | |
| Total Subs Cost | | | | \$0.00 | | Total Subs | | \$0.00 | |

| Comments: | | | | | | | | | |
|-----------|--|--|--|--|--|---------------------------------------|----------|-------------------|--|
| | | | | | | Total E.P.M | | \$899.76 | |
| | | | | | | Total Labor | | \$2,504.46 | |
| | | | | | | Total Subs | | \$0.00 | |
| | | | | | | Travel | | \$0.00 | |
| | | | | | | Factory Training | | \$0.00 | |
| | | | | | | Freight | | \$0.00 | |
| | | | | | | Permits | | \$0.00 | |
| | | | | | | Carrying Cost (days) | 0 | \$0.00 | |
| | | | | | | Bonding | | \$0.00 | |
| | | | | | | TAX @ 0.00% | | \$0.00 | |
| | | | | | | TOTAL | | \$3,404.22 | |
| | | | | | | TOTAL + Retainage Comp @ 0.00% | | \$3,404.22 | |
| | | | | | | Additional TOTAL MARK-UP | | 0.00% | |
| | | | | | | SALES PRICE | | \$3,404.22 | |

Estimating Manager Approval _____ Date: _____
 Engineering Manager Approval _____ Date: _____

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, February 02, 2006 3:23 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: CCR-026--AvGas/Jet A Sampling Connection--Revision B

Tom and Mark,

Attached is Revision B to the subject change order. An error was made on the 3/4" ball valve count for the Jet A tanks; that error has been corrected on this revision. We apologize for the error.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Construction Change Order

For requested change to Provide AvGas Sampling Connection

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

In accordance with the request of the Town to provide a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank, this task has added to the scope of work on the project. The additional cost of construction has been determined as this represents a change to the original bid package.

The Burns & McDonnell trip report, dated 12-19-05 and covering the site visit of 12-16-05 reads:

4. **AvGas sampling connection.** The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch, the hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.
2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$790.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are in full force and effect, not amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to add AvGas Sampling Connection

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Thursday, January 26, 2006 8:57 AM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; Nancy Cline; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com; MRomano@thielsch.com
Subject: CCR-026 AvGas Sampling Connection

Tom and Mark,

Attached is the narrative description with cost estimate, for CCR-026--AvGas Sampling Connection; this requested change was identified in the Burns & McDonnell Trip Report dated 12-19-05, covering the site visit of 12-16-05. The supplier of the materials is Ameripipe. If there are any additional questions, please advise.

The Burns & McDonnell Trip Report is also attached as reference.

Regards,
Rick Normandeau
Thielsch Engineering, Inc.
2111 Dickson Dr. Suite 10
Austin, Texas 78704

Thielsch Engineering Estimate

Date: Thursday, January 26, 2006

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 75001

Sale Price \$790.00
Total Costs \$757.14
Gross Margin % 4.16%
Gross Profit \$32.86

CCR-026 - AvGas Sampling Connection Contract Type: Construction Change Request

| EQUIPMENT, COMPONENTS, MATERIALS | | | | | | | | | |
|----------------------------------|--|--------|----------|--------------------|----------|--------------|-------|----------|--|
| # | Description | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price | |
| 1 | 3/4" x short black seamless carbon steel threaded nipple | na | Amrigipe | \$1.10 | 4 | \$4.40 | 1.15 | \$5.08 | |
| 2 | 3/4" Short carbon steel Ball Valve, threaded | na | Amrigipe | \$48.00 | 1 | \$48.00 | 1.15 | \$220.80 | |
| 3 | 3/4" carbon steel pipe caps | na | Amrigipe | \$1.00 | 4 | \$8.40 | 1.15 | \$7.38 | |
| 4 | 3/4" x 3" nipple black seamless carbon steel, threaded | na | Amrigipe | \$1.45 | 4 | \$5.80 | 1.15 | \$8.67 | |
| 5 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 6 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 7 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 8 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 9 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 10 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 11 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 12 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 13 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 14 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 15 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 16 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 17 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 18 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 19 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| 20 | | na | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 | |
| | | | | Total E.C.M. Costs | \$208.60 | Total E.C.M. | | \$239.89 | |

| Thielsch Engineering LABOR SERVICES | | | | | | | | | | |
|-------------------------------------|--|------|-------------------------------|------------|--------------|----------|----------|--|--|--|
| # | Description | Code | MANPOWER | Labor Rate | Quant. Hours | Price | | | | |
| 101 | Provide sampling connections on AvGas Tanks | 1083 | Project Manager | \$0.00 | 0 | \$0.00 | | | | |
| 102 | Numbers 9, 8, 11, and 14 | 1921 | Engineer | \$0.00 | 0 | \$0.00 | | | | |
| 103 | | 1108 | Tech. Engineer | \$0.00 | 0 | \$0.00 | | | | |
| 104 | | 1105 | Superintendent | \$0.00 | 0 | \$0.00 | | | | |
| 105 | Ruben Martinez | 1140 | Foreman | \$57.75 | 2 | \$115.50 | | | | |
| 106 | | 1138 | Draftsman | \$0.00 | 0 | \$0.00 | | | | |
| 107 | | 1111 | Welder-Pipe | \$0.00 | 0 | \$0.00 | | | | |
| 108 | | 1078 | Pipefitter | \$0.00 | 0 | \$0.00 | | | | |
| 109 | Hector Saenz and Marty Martinez - period 12-29-05 through 1-5-06 | 1052 | Craftsman | \$54.13 | 8 | \$433.04 | | | | |
| 110 | Two people four hours each, for four sample connections | 1043 | Mechanical-Helper | \$0.00 | 0 | \$0.00 | | | | |
| 111 | | 1112 | Structural Welder | \$0.00 | 0 | \$0.00 | | | | |
| 112 | | 1052 | Structural Welder- Journeyman | \$0.00 | 0 | \$0.00 | | | | |
| 113 | | 1113 | Welder-Helper | \$0.00 | 0 | \$0.00 | | | | |
| 114 | | 1084 | Laborer / Millwright | \$0.00 | 0 | \$0.00 | | | | |
| 115 | | 1043 | Shop Weld Labor | \$0.00 | 0 | \$0.00 | | | | |
| 116 | | 4319 | Training | Engineer | \$0.00 | 0 | \$0.00 | | | |
| 117 | | 4320 | Training | Tech | \$0.00 | 0 | \$0.00 | | | |
| 118 | | 1008 | Documentation Coord. | \$0.00 | 0 | \$0.00 | | | | |
| | | | MANDAY IMPACT | #DIV/0! | Total Labor | 10 | \$548.54 | | | |

| SUB CONTRACTOR SERVICES | | | | | | | | | | |
|-------------------------|-------------|------|----------------|-----------------|--------|------------|--|--------|--|--|
| # | Description | Name | Type | Mult. | | Price | | | | |
| 201 | | | Electrical | | 1.15 | \$0.00 | | | | |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 | | | | |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 | | | | |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 | | | | |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 | | | | |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 | | | | |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 | | | | |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 | | | | |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 | | | | |
| | | | | Total Subs Cost | \$0.00 | Total Subs | | \$0.00 | | |

| | | | |
|-----------|--|--------------------------|----------|
| Comments: | | Total E.P.M | \$239.89 |
| | | Total Labor | \$548.54 |
| | | Total Subs | \$0.00 |
| | | Travel | \$0.00 |
| | | Factory Training | \$0.00 |
| | | Freight | \$0.00 |
| | | Permits | \$0.00 |
| | | Carrying Cost (days) | 0 \$0.00 |
| | | Bonding | \$0.00 |
| | | TAX @ | 0.00% |
| | | TOTAL | \$788.43 |
| | | TOTAL + Retainage Comp @ | 0.00% |
| | | Additional TOTAL MARK-UP | 0.00% |
| | | SALES PRICE | \$788.43 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____

**Addison Airport
Bulk Fuel Storage and Dispensing System**

Trip Report

Trip of 12/16/05

Summary

On Friday December 16, 2005, a trip to the project site was made by John Bagnall, Mechanical Engineer and Fuel System Specialist with Burns & McDonnell. The purpose of this trip was to observe and inspect construction progress. A joint construction walk-through was conducted by John Bagnall with Tom Cobb and Larry Day of Washington Group. Observations and recommendations are described below.

Observations and Recommendations

1. Raised face vs. flat face flanges. It was observed that raised face flanges were mated to flat face flanges in a number of locations, utilizing spiral-wound gaskets. The specifications (Section 13061, paragraph 2.05.B) require that flange facings match, e.g. raised face to raised face or flat face to flat face. This is considered a potential problem using spiral-wound gaskets as these gaskets have been observed to come apart (fail) on other projects with dissimilar mating flanges. As a minimum in this case, the gaskets should be replaced with a full face flexible graphite (grafoil) composite type gasket. This applies to anywhere raised face flanges are mated to flat face flanges including the following:
 - a. Both ends of pump flex connectors (2 flex connectors per pump, one gasket each side – 4 locations per tank).
 - b. Both ends of ductile iron control valves (3 valves each tank, one gasket each side – 6 locations per tank).
 - c. Both sides of loading control valve orifice plate (1 valve each tank, one gasket each side of orifice plate – 2 locations per tank).
 - d. Hose connecting flange (2 hoses per tank, one gasket each – 2 locations per tank).

This was discussed with Thielsch in field.

2. Waste tank pump-out. It was observed that at least one of these pump-out lines had been installed, with an "inverted-u" in the piping near where the vacuum truck would connect (east side). This arrangement would make it more difficult to pump out the waste tank as air would potentially be trapped in this piping. One "inverted-u" already will exist at the waste tank connection piping – another is not considered acceptable. Inverted-u at the east side should be eliminated, with camlock hose

connection located within the tank containment area and slightly below the unloading hose rack. This was discussed with Thielsch in field.

3. Drain connection on fuel issue piping. A drain connection including threadolet, elbow, nipples and ball valve is present beneath the east-west oriented fuel issue pipe before the pipe leaves the tank containment area (west end). This drain piping assembly was observed to be parallel to the pipe run, directly underneath the issue pipe in almost every case. This is not considered adequately accessible for maintenance connection – drain pipe should be rotated such that drain connection is not directly below issue pipe. Rotate in direction opposite stair/walkway to prevent tripping hazard. This was discussed with Thielsch in field.
4. AvGas sampling connection. The FBOs have requested a sampling connection in the AvGas tank water draw-off piping, between the hand pump and the waste tank. As was discussed in the field with Thielsch. The hand pump has two discharge connections, only one of which will be hard-piped to. The other pump discharge connection shall be provided with a ball valve and capped nipple, for use as a sampling connection by the FBOs. The FBOs can connect and extend their own hose from this point, as required.
5. Tank vents. All normal tank vents were specified to be equipped with pressure/vacuum vents (Section 13201, paragraph 2.02.J.3 and Section 13204, paragraphs 2.02.G.1 and 2.06). Only rain caps were observed on these vents – P-V vent assemblies shall be installed on all normal tank vents.

Construction Change Order

For requested change to Fire Alarm System Dialer

05-02 Bulk Fuel Storage and Dispensing System

This is a Change Order to the Fuel Farm contract dated February 14, 2005 (the "Original Contract") between **Thielsch Engineering, Inc.** (the "Contractor") and the **Town of Addison** (the "Principal").

1. The parties hereby agree that the following changes shall be made to the scope of work and services to be provided by the Contractor in the Original Contract.

This is in accordance with the request of the town to provide the Auto-Dialer capable of sending voice message directly to the Addison Fire Department. The request, and response by Rabalais Electric, is described in greater detail by the letter of December 21, 2005 Randy Johnson to Rick Normandeau (Thielsch Engineering). Additional information is provided in the letter of 12-21-05, Raymond Patterson (Siemens Fire Safety) to Rabalais Electric. Finally, a "Clarification for Offsite Monitoring" letter, dated 11-27-05—Raymond Patterson (Siemens Fire Safety) to Rabalais Electric, has been provided as reference. This change order addresses the equipment modifications noted in the referenced letters; there is an additional monthly or annual service fee that the Town of Addison will pay to Siemens, upon execution of a service/monitoring agreement.

This change has added to the scope of work, and the additional cost of construction has been determined; this change represents a change to the original bid package:

2. As consideration for the change, the Principal shall pay to the Contractor the additional sum of **\$ 3,620.00**, which shall be issued in accordance with the terms of the original Contract after approval of this Change Order.
 - a. Impact to schedule is + 0 days
 - i. Material procurement lead time
 - ii. Scheduled pre and post activity effects.
3. The parties hereby confirm that all other terms and conditions of the Original Contract are full force and effect, un-amended except as expressly provided in the Change Order or in any other Change Order agreed to in writing between the two parties hereto.

For requested change to Fire Alarm System Dialer

Thielsch Engineering, Inc.

Date

Town of Addison

Date

CC: Mark Acevedo
Peter Kennefick
Tom Lent
Brian Johnson
Cary Franklin

Jenny Nicewander

From: rnormandeau@thielsch.com
Sent: Saturday, January 21, 2006 9:45 PM
To: tom.cobb@wgint.com; Mark Acevedo
Cc: Jenny Nicewander; luis.elguezabal@wgint.com; CFranklin@thielsch.com; PKennefick@thielsch.com; BJohnson@thielsch.com
Subject: Fw: Addison Change Order 027--Fire Alarm System Dialer

Tom and Mark,

Attached is the formal change order document, with cost sheet, for the subject revision to the original bid package related to the Addison Fuel Farm Project.

Also attached is the letter/quotation from Rabalais Electric and Siemens Fire Safety, along with a letter from Siemens related to "Clarification for Offsite Monitoring".



Addison, CCR-027.doc Addison-Change Order 027.xls



pdf.pdf

Rabalais Electric/Siemens Fire Systems



siemens.pdf

Siemens--Clarification for Offsite Monitoring

Thielsch Engineering Estimate

ADDISON AIRPORT
15701 Addison Road
Addison, Texas 76001
CCR-027 - Fire Alarm System Dialer Modifications

Date: Friday, January 20, 2006

Sale Price \$3,620.00
Total Costs \$3,146.00
Gross Margin % 13.09%
Gross Profit \$474.00

Contract Type: Construction Change Request

| # | DESCRIPTION | Part # | Vendor | Cost Each | Quant. | Total Cost | Mult. | Price |
|---------------------------|-------------|--------|--------|---------------|--------|---------------------|-------|---------------|
| 1 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 2 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 3 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 4 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 5 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 6 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 7 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 8 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 9 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 10 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 11 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 12 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 13 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 14 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 15 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 16 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 17 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 18 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 19 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| 20 | | NA | | \$0.00 | 0 | \$0.00 | 1.15 | \$0.00 |
| Total E.C.M. Costs | | | | \$0.00 | | Total E.C.M. | | \$0.00 |

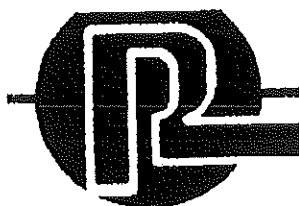
| # | DESCRIPTION | Code | MANPOWER | Labor Rate | Quant. Hours | Price |
|----------------------|-------------|------|-------------------------------|--------------------|--------------|---------------|
| 101 | | 1083 | Project Manager | | 0 | \$0.00 |
| 102 | | 1021 | Engineer | | 0 | \$0.00 |
| 103 | | 1108 | Tech. Engineer | | 0 | \$0.00 |
| 104 | | 1105 | Superintendent | | 0 | \$0.00 |
| 105 | | 1140 | Foreman | | 0 | \$0.00 |
| 106 | | 1138 | Draftsman | | 0 | \$0.00 |
| 107 | | 1111 | Welder-Pipe | | 0 | \$0.00 |
| 108 | | 1076 | Pipefitter | | 0 | \$0.00 |
| 109 | | 1052 | Mechanic | | 0 | \$0.00 |
| 110 | | 1043 | Mechanical-helper | | 0 | \$0.00 |
| 111 | | 1112 | Structural Welder | | 0 | \$0.00 |
| 112 | | 1052 | Structural Welder- Journeyman | | 0 | \$0.00 |
| 113 | | 1113 | Welder-Helper | | 0 | \$0.00 |
| 114 | | 1084 | Laborer / Millwright | | 0 | \$0.00 |
| 115 | | 1043 | Shop Weld Labor | | 0 | \$0.00 |
| 116 | | 4319 | Training Engineer | | 0 | \$0.00 |
| 117 | | 4320 | Training Tech | | 0 | \$0.00 |
| 118 | | 1008 | Documentation Coord. | | 0 | \$0.00 |
| MANDAY IMPACT | | | #DIV/0! | Total Labor | 0 | \$0.00 |

| # | DESCRIPTION | Item | Type | Mult. | Price | |
|------------------------|--------------------------|------|-------------------|-------------------|-------------------|------------|
| 201 | Siemens Related Electric | | Electrical | \$3,146.00 | 1.15 | \$3,617.90 |
| 202 | | | Mechanical | \$0.00 | 1.15 | \$0.00 |
| 203 | | | SCADA/PLC | \$0.00 | 1.15 | \$0.00 |
| 204 | | | Civil | \$0.00 | 1.15 | \$0.00 |
| 205 | | | Gen. Services | \$0.00 | 1.15 | \$0.00 |
| 206 | | | Support Groups | \$0.00 | 1.15 | \$0.00 |
| 207 | | | Riggers | \$0.00 | 1.15 | \$0.00 |
| 208 | | | Equipment | \$0.00 | 1.15 | \$0.00 |
| 209 | | | Miscellaneous | \$0.00 | 1.15 | \$0.00 |
| Total Subs Cost | | | \$3,146.00 | Total Subs | \$3,617.90 | |

Comments:
Provide Auto-Dialer capable of sending voice message directly to the Addison Fire Department--Rabalais Electric letter--Randy Johnson to Rick Normandeau, dated 1 and Siemens letter dated 12-19-05

| | |
|---------------------------------------|------------|
| Total E.P.M. | \$0.00 |
| Total Labor | \$0.00 |
| Total Subs | \$3,617.90 |
| Travel | \$0.00 |
| Factory Training | \$0.00 |
| Freight | \$0.00 |
| Permits | \$0.00 |
| Carrying Cost (days) | 0 \$0.00 |
| Bonding | \$0.00 |
| TAX @ 0.00% | \$0.00 |
| TOTAL | \$3,617.90 |
| TOTAL + Retainage Comp @ 0.00% | \$3,617.90 |
| Additional TOTAL MARK-UP | 0.00% |
| SALES PRICE | \$3,617.90 |

Estimating Manager Approval _____ Date: _____
Engineering Manager Approval _____ Date: _____



KABALAIS I&E CONSTRUCTORS

"Working to Achieve the Extraordinary"

INDUSTRIAL & COMMERCIAL ELECTRICAL CONSTRUCTION & MAINTENANCE
PNEUMATIC & ELECTRONIC INSTRUMENTATION CONSTRUCTION & MAINTENANCE
SYSTEMS INTEGRATION & PANEL FABRICATION
24-HOUR SERVICE DEPARTMENT

Main Office
11200 Up River Road
PO Box 10368
Corpus Christi, Texas
78462
(361) 242-3121
FAX (361) 242-2676

Central Texas Office
4343 Dinsford Dr.
San Antonio, Texas
78219
(210) 333-1560
FAX (210) 333-1295

North Texas Office
1207 Ave. J East
Grand Prairie, Texas
75050
(972) 647-4181
FAX (972) 522-1250

Website
www.rabalais.com

December 21, 2005

Thielsch Engineering, Inc.
195 Francis Avenue
Cranston, RI 02910-2211

Attn: Mr. Rick Normandeau

Reference: Addison Airport Fuel Farm

Re: Change Order Request ~ Provide Voice Recorded Auto-Dialer for Fire
Dept. to Receive Alarm.

Dear Rick,

We wish to quote the price of \$3,146.00 to provide the Auto-Dialer capable of sending voice message directly to the Addison Fire Department. The attached letter from Siemens Building Technologies, Inc. better describes this quotation.

If you have any questions with regard to the above, please contact Randy Johnson at 972-223-2804.

Sincerely,

Randy Johnson
Project Manager

SIEMENS

Fire Safety

**Bulk Fuel Storage – Addison Airport UV/IR
Flame Detection System**

REQUEST for INFORMATION

RABALAIS I & E CONSTRUCTORS

3105 Lomita, Suite 101

Lancaster, TX 75146

P: (972) 223-2804

F: (972) 223-2958

From Raymond Patterson

Department **SIEMENS FIRE SAFETY**

Fax **972-751-1194**

Telephone **817-825-0283**

Date: 12/19/05

Project: **Bulk Fuel Storage – Addison Airport – Flame Detection System**

RE: **PRICE CHANGE for FIRE DEPT. DIRECT DIALER**

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Offsite Monitoring: -- Clarifications

Please review the following for additional scope of work for the offsite monitoring of the fire detection system.

The Siemens Building Technologies prepared the contract pricing based on the plans engineered and signed by David Van Fleet, 10/22/04. The drawings and contract documents were prepared by the Washington Group.

The contract drawings provide a statement for the fire alarm system shall contact the Addison Fire Dept. directly on any fire alarm condition.

The plans or specifications do not indicate the type of central station receiving equipment Addison Fire Dept. has to receive these signals, or the type or brand the project requires. Based on information provided at bid time; Siemens provided an industry standard UL listed dialer. The dialer we proposed for this project has the capability to transmit a digital signal to most all UL listed central station receivers. This information has been discussed, reviewed provided to the Project Construction managers, and the Project Owner representatives.

Based on the Fire Alarm plan review:

1. Chief Robbins is requiring the Fire alarm panel to send a direct voice message to the Addison Fire Dept.
2. The reason from the Chief, this is the largest risk in the City, and they do not want to depend on any off site dispatch center.
3. The fire department dispatch center has a dedicated telephone to receive this recorded voice signal.
4. The alarm call must be answered by a person at the dispatch center.
5. The fire department dispatch center cannot receive a digital signal transmitted by any fire alarm panel.

Fire Alarm System Scope Impact:

1. This will require an additional special type of digital voice type dialer, which requires an input relay from the fire alarm panel.
2. The installation requires additional relays and timers for test timers and signals.
3. The system requires a pre-recorded voice only.
4. The fire alarm signals that are generated can not provide a record of history.
5. The telephone lines are not monitored for integrity.
6. The signals generated are not recorded for history.
7. Siemens shall provide and install a Sensaphone voice dailer, local timer for test timers and related fire alarm output relays.

Additional 120vac power and additional space in NCC cabinet required.

Siemens Building Technologies would like to provide the offsite monitoring system for this project.

Please review the above brief description of each system. We can provide the pre-recorded voice system or the off-site remote monitoring system. The voice system shall require additional equipment and cost, the Siemens CMS shall require an annual monitoring agreement only.

Please contact me as soon as possible to resolve this issue.

Siemens Building Technologies, Inc

Fire Safety

8800 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Please contact me for any question or other clarifications in this matter. I would be more than happy to schedule a meeting for the Project Team at the Siemens CMS for further the discussion.

Thank You,

Raymond Patterson
Project Sale Rep.
Siemens Building Tech.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Bulk Fuel Storage – Addison Airport UV/IR Flame Detection System

REQUEST for INFORMATION

RABALAIS I & E CONSTRUCTORS

3105 Lomita, Suite 101

Lancaster, TX 75146

P: (972) 223-2804

F: (972) 223-2958

From Raymond Patterson

Department **SIEMENS FIRE SAFETY**

Fax **972-751-1194**

Telephone 817-825-0283

Date: 11/27/05

Project: **Bulk Fuel Storage – Addison Airport – Flame Detection System**

RE: Clarification for Offsite monitoring.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Offsite Monitoring: -- Clarifications

Please review the following for clarification and additional scope of work for the offsite monitoring of the fire detection system.

The Siemens Building Technologies prepared the contract pricing based on the plans engineered and signed by David Van Fleet, 10/22/04. The drawings and contract documents were prepared by the Washington Group.

The contract drawings provide a statement for the fire alarm system shall contact the Addison Fire Dept. directly on any fire alarm condition.

The plans or specifications do not indicate the type of central station receiving equipment Addison Fire Dept. has to receive these signals, or the type or brand the project requires. Based on information provided at bid time, Siemens provided an industry standard UL listed dialer. The dialer we proposed for this project has the capability to transmit a digital signal to most all UL listed central station receivers. This information has been discussed, reviewed provided to the Project Construction managers, and the Project Owner representatives.

Based on the Fire Alarm plan review:

1. Chief Robbins is requiring the Fire alarm panel to send a direct voice message to the Addison Fire Dept.
2. The reason from the Chief, this is the largest risk in the City, and they do not want to depend on any off site dispatch center.
3. The fire department dispatch center has a dedicated telephone to receive this recorded voice signal.
4. The alarm call must be answered by a person at the dispatch center.
5. The fire department dispatch center cannot receive a digital signal transmitted by any fire alarm panel.
6. Of the local fire departments that receive direct fire alarm signals, they all have the UL listed digital receiving equipment.

Fire Alarm System Scope impact:

1. This will require an additional special type of digital voice type dialer, which requires an input relay from the fire alarm panel.
2. The installation requires additional relays and timers for test timers and signals.
3. The system requires a pre-recorded voice only.
4. The fire alarm signals that are generated can not provide a record of history.
5. The telephone lines are not monitored for integrity.
6. The signals generated are not recorded for history.

Siemens Fire Alarm Systems Plans and Contract:

1. Siemens has been asked many times during this project about the sequence of operations.
2. We have stated the fire alarm panel will send digital signals to a UL listed monitoring station.
3. Upon receipt of any alarm, trouble or supervisory condition the central station dispatcher will contact the local authority, owner or managers as required for the signals. This is live verbal communications, which is on a recorded line.
4. The dispatchers contact every one on the alarm and maintenance list until answered, are left on all recordings.
5. All events are recorded for tracking and project history.
6. The dialer will send out test timers to verify the telephone line integrity.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

SIEMENS

Fire Safety

Scope Impact: Requires an annual monitoring contact, \$ 420.00 annually.

Siemens Central Monitoring Station, Irving Texas.

1. Siemens CMS is located in Irving, Texas, with a backup site in the Washington DC area.
2. The UL listed Siemens CMS is approved for ALL fire and security system monitoring.
3. The CMS is dedicated to commercial and industrial clients only, no residential homes.
4. The CMS has many high profile, high risk and government facilities monitored for security, access and fire.
5. The CMS can assist with site access control management and other fire and security type services.
6. The signals that received at the CMS are logged, recorded and stored for project history if needed.
7. The CMS has dedicated trained employees to the different process at the center.

Siemens Building Technologies would like to provide the offsite monitoring system for this project.

Please review the above brief description of each system. We can provide the pre-recorded voice system or the off-site remote monitoring system. The voice system shall require additional equipment and cost, the Siemens CMS shall require an annual monitoring agreement only.

Please contact me as soon as possible to resolve this issue.

Please contact me for any question or other clarifications in this matter. I would be more than happy to schedule a meeting for the Project Team at the Siemens CMS for further the discussion.

Thank You,

Raymond Patterson
Project Sale Rep.
Siemens Building Tech.

Siemens Building Technologies, Inc

Fire Safety

8600 North Royal Lane #100
Irving, TX 75063

Tel: (972) 929-5044
Fax: (972) 751-1194

DISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$ 217,470.60 | \$ 320,629.00 | |

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

3-Jan-06

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Comments |
|----------|---|-----------------------|----------------------------|--------------------------------|---|
| | Burns and McDonnell | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | Left out of bid package |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | Left out of bid package |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$56,366.00 | Hydraulic sensor not compatible with sys. |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | Specified pump would not draw 11 feet |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | Conduit under tanks due to relocating filters |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | Code requires fuel being filtered on and off |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | Reels omitted from plans |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | Planned conduits filled |
| | Washington Group International | | | | |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$147.20 | |
| | TOTAL | 21 | \$431,200.00 | \$223,937.20 | |
| | Resolved Change Orders | | | | |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ - | \$ - | No cost change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (3,955.00) | Credit to Town Change Order approved |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ - | Change Order denied |
| 13 | Drainage Pipe Headwall | 0 | \$ 12,800.00 | \$ - | Headwall was deleted Eng. Est. \$1,500.00 |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ 18,300.00 | \$ - | Change Order denied Eng. Est. \$10,500.00 |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | Change Order approved |
| 16 | Conduit Overfill no. 3 | 0 | \$ - | \$ - | Used a spare conduit |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | Change Order approved |
| 18 | Addition of 4 fire detectors | 0 | \$ 39,650.00 | \$ 20,410.00 | Contractor & Town approved \$20,410.00 |
| | <i>for cleanup</i> | | | | |
| | Total Resolved Change Orders | 0 | \$ 101,845.00 | \$ 15,505.00 | |
| | GRAND TOTAL | 21 | \$533,045.00 | \$239,442.20 | |

32 days

| Addison Airport Bulk Fuel Storage and Dispensing Facility | | | | |
|---|--|---|------------------|------------------|
| Schedule to Complete | | | Revision No.: | 00 |
| | | | Revision Date: | 11/21/2006 |
| Task No. | Task Name | Responsible Party/ Supporting Party(ies) | Anticipated | |
| | | | Start Date | Finish Date |
| 1 | Reinstall Hand Pump Vertical Suction Pipes | TEI/ BASSCO | 20-Nov-06 | 27-Nov-06 |
| 2 | Reconfigure Test Cable for Floating Suction Assembly | TEI/ BASSCO | 14-Nov-06 | 27-Nov-06 |
| 3 | Dry check/calibration of Avgas system automated controls for Cla-Val control Valves | TEI/ Rabalais | 20-Nov-06 | 28-Nov-06 |
| 4 | Inspect Interior of all Tanks (Floating Suction Assembly, Paint, dimensions, etc.) | WGI | 22-Nov-06 | 28-Nov-06 |
| 5 | Check Avgas tank system operation during dispensing of fuel from all AvGas tanks | TEI/ Cla-Val/ WGI | 27-Nov-06 | 28-Nov-06 |
| 6 | Record Blackmer pump operation parameters during dispensing of AvGas fuel | WGI | 27-Nov-06 | 28-Nov-06 |
| 7 | Dry check/calibration of Jet-A system automated controls for Cla-Val control Valves | TEI/ Rabalais | | |
| 8 | Delivery of 24,000 Gallons of Jet-A Fuel into Tanks #1 and #2 | ADS/ WGI | 28-Nov-06 | 28-Nov-06 |
| 9 | Dispense fuel and check operation of flow control valves in Jet-A Tanks #1 and #2 | TEI/ Cla-Val/ WGI | 28-Nov-06 | 28-Nov-06 |
| 10 | Dispense fuel and check operation of flow control valves in Jet-A Tanks #4-7 & 12-13 | TEI/ Cla-Val/ WGI | 28-Nov-06 | 30-Nov-06 |
| 11 | Dispense fuel and check operation of flow control valves in Jet-A Tanks #9 & 10 | TEI/ Cla-Val/ WGI | [TEI to Furnish] | [TEI to Furnish] |
| 12 | Installation of Thermal Relief Valves | TEI | [TEI to Furnish] | [TEI to Furnish] |
| 13 | Reinstallation of pipe fittings installed with improper pipe sealant (pipe dope) | TEI | [TEI to Furnish] | [TEI to Furnish] |
| 14 | Canopy Fabric Corrective Action Plan | TEI/ Schwob | [TEI to Furnish] | [TEI to Furnish] |
| 15 | Perform Corrective Action on Canopy Fabric (New Fabric, New bolts if required) | TEI/ Schwob | [TEI to Furnish] | [TEI to Furnish] |
| 16 | Obtain Electrical Inspection "Green Tag" from TOA's Lynn Chandler | TEI/ Rabalais | [TEI to Furnish] | [TEI to Furnish] |
| 17 | Corrective Action on Project Deficiency List (Preliminary Punchlist) | TEI/ Various TEI Subcontractors | [TEI to Furnish] | [TEI to Furnish] |
| 18 | Corrective Action on Tank Interior paint on applicable tanks | TEI Highland Tank | | |
| 19 | Submittal of outstanding project documentation | TEI | | |
| 20 | Final Inspection | TOA/ WGI/ TEI | | |
| 21 | Contractor completion of Final Punchlist Items | TEI/ Various TEI Subcontractors | | |
| 22 | Review and confirm required warranty information (start, end, period) | TOA/ WGI/ TEI | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| 28 | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$ 217,470.60 | \$ 320,629.00 | |

MAR 2006
NUMBERS 587,000 218,000

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| 28 | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$ 217,470.60 | \$ 320,629.00 | |

MARCH 587,000
ALUMBERS 218,000

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| 28 | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13067-1.01-C2 |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$ 217,470.60 | \$ 320,629.00 | |

MARCH 587,000
NUMBER 218,000

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| 28 | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13067-1.01-C2 |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$217,470.60 | \$320,629.00 | |

MARCH NUMBERS \$87,000 218,000

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| 28 | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13067-1.01-C2 |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$217,470.60 | \$320,629.00 | |

MARCH 587,000
MARCH 218,000

Addison Airport Fuel Farm Project
Assessment of Change Orders (CO)

31-Oct-05

21 DAYS

| No. | Requested CO | Cost | Time | Resolution | Issue | Approval | Comment |
|-----|--|---------------------|------|-------------|--|-------------|--|
| 1 | Add Relaxation Chambers to Jet A Tanks | \$130,251.97 | 0 | | Error on Addendum #2 | | \$4500-\$4800 Lungren email to Contractor 3/28/05. Original proposal at \$131,000. Contractor submitted "backup" 10/27/05 - still lacking documentation to support. Our estimate is \$56,000 <i>Matt Labadie</i> |
| 3 | Conduit for pre-set valves | \$54,900.00 | 0 | | Value Engineering after bid | | Our estimate being prepared |
| 4 | Add air eliminator optical sensor | \$41,700.00 | 0 | | Value Engineering after bid | | Our estimate being prepared |
| 6 | Water draw off hand pumps | \$4,500.00 | 0 | | Error on pump specifications | | Our estimate being prepared |
| 7 | Conduit under tanks | \$10,800.00 | 0 | | Planned conduits maxed | | Our estimate being prepared |
| 10 | Relocation of filter-separator | \$163,300.00 | 21 | | ATA 103 requirement | | Our estimate being prepared |
| 11 | Addition of five-grounding-state state <i>REELS</i> | \$5,700.00 | 0 | TBD | Design omission | WGI/Addison | 08/05/05 Mtg Notes. Our estimate being prepared. Contractor approve to perform T&M NTE \$5,700 |
| 12 | Conduit overfill No. 2 | \$9,400.00 | 0 | | Planned conduits maxed | | Our estimate being prepared |
| 16 | Conduit overfill No. 3 | \$0.00 | 0 | \$0.00 | Planned conduits maxed | WGI/Addison | If follow Contractor proposed use of Another conduit. Accepted - No Cost Change |
| | Burns & McDonnell Total | \$420,551.97 | | | | | |
| 2 | Add fence posts on Chain Link Fence | \$19,467.36 | 0 | | Error on plans | | Original proposal @ \$27,300. Contractor submitted "backup" 10/28/05 for reduced proposal. - still lacking documentation to support. Our prel. Estimate is \$9,500--under study |
| 13 | Drainage pipe headwall | \$12,800.00 | 0 | \$0.00 | Landscape appearance-request by Addison | Addison | "Decorative Headwall" Mtn Notes 8/5/05 - Deleted |
| 5 | Additional Ex. On George Haddaway Dr. | \$0.00 | 0 | \$0.00 | Changed conditions-concrete removal | Addison | 9/28/05 Contractor amended to zero |
| | WGI Total | \$32,267.36 | | | | | |
| 8 | Live Oak substitution | -\$3,955.00 | 0 | -\$3,955.00 | Change by Addison | Addison | Pending putting back trees that were deleted. |
| 15 | Elimination of 2 signs | -\$700.00 | 0 | -\$700.00 | Not needed | Addison | |
| 17 | Pavement paint location change | -\$250.00 | | -\$250.00 | No cost change | Addison | |
| | Addison Total | -\$4,905.00 | | | | | |
| 9 | Oil/Water separator grade | \$36,300.00 | 0 | \$0.00 | Tank set low by Contractor/ Existing pipe higher than shown on plans due to mid-run change-unforseen condition not an issue. | WGI/Addison | Opinion this is Contractor obligation - Additional Pipe of about 50'. Would work as designed per Jenny. |
| 14 | Air conditioning for motor control cabinet | \$18,300.00 | 0 | \$0.00 | May not be required per Burns & McDonnell | Addison | Verify with designer. Deleted |
| 18 | Addition of fire detectors | \$23,476.80 | 21 | \$0.00 | Addison F.D. requested only one at each corner. Need 8 to cover total site. Contractor | WGI/Addison | Original proposal \$39,650. Contractor provided revised proposal @ \$23,746.80 + 21 days. Still too expensive. Counter proposal at \$17,250 max + 2 days or credit for entire system. Contractor decision pending. |
| | TOTAL REQUESTED TO DATE | \$525,991.13 | | | | | |

General Note: All costs need to be supported by documentation from the Contractor.

help in justifying this #

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,770.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ - | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$217,470.60 | \$320,629.00 | |

MARCKT 587,000
NUMBERS 218,000

MISSION AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns & Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|----------------------------------|----------------------|--|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ - | \$36,000.00 | Denied, Sec. 13067-1.01-G2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C. O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-G2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-G2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-G2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$565,345.00 | \$ 217,470.60 | \$ 320,629.00 | |

CHANGE CLARIFICATION REQUEST TRACKING

| CCR # | Revision # | Description | STATUS | \$ Change to Original Bid | Date Submitted | Date Approved |
|--------|------------|-----------------------------------|--------|---------------------------|----------------|---------------|
| 000 | | Deadman Switches | CLO | \$0.00 | | |
| 001 | A | 1 Relaxation Chambers | OPN | \$131,000.00 | 8/31/2005 | |
| 002 | - | 2 Chainlink Fence | OPN | \$27,300.00 | 8/31/2005 | |
| 003 | A | 3 Conduit for Pre-set Valves | OPN | \$54,900.00 | 8/31/2005 | |
| 004 | A | 4 Air Eliminator Optical Sensor | OPN | \$41,700.00 | 8/31/2005 | |
| 005 | - | 5 George Haddaway Drive | CLO | \$0.00 | 8/31/2005 | |
| 006 | - | 6 Water Draw Off Hand Pumps | OPN | \$4,500.00 | 9/21/2005 | |
| 007 | A | 7 Conduit Under Tanks | OPN | \$10,800.00 | 9/21/2005 | |
| 008 | - | 8 Live Oak Substitution | OPN | (\$3,955.00) | 9/15/2005 | |
| 009 | - | 9 O/W Discharge Slope | OPN | (\$6,200.00) | 9/21/2005 | |
| 010 | - | 10 Relocation of Filter/Separator | OPN | \$163,300.00 | 9/15/2005 | |
| 011 | - | 11 Addition of 5 Static Reels | OPN | \$5,700.00 | 9/15/2005 | |
| 012 | - | 12 Conduit Overfill RFI #7 | OPN | \$9,400.00 | 9/28/2005 | |
| 013 | - | 13 Headwall | OPN | \$48,000.00 | 9/28/2005 | |
| 014 | - | 14 AC for MCC | OPN | \$18,200.00 | 9/28/2005 | |
| 015 | - | 15 Elimination of 2 Signs | OPN | (\$700.00) | 9/15/2005 | |
| 016 | - | 16 Conduit Overfill RFI # 11 & 12 | OPN | \$2,000.00 | 9/28/2005 | |
| 017 | - | 17 Paint Stripping | OPN | (\$250.00) | 9/28/2005 | |
| 018 | - | 18 Fire Detection - SIEMENS | OPN | | 9/28/2005 | |
| 019 | | | | | | |
| 020 | | | | | | |
| 021 | | | | | | |
| TOTALS | | | | \$511,095.00 | | |

*21 days being now
evaluated now
Time cards mostly
work delayed*

18
8

#11 -> HAVE DME
DOR
11/11/05

RFI # 1006
for...
LOWEER LEAD TIME
ON DETECTORS
7/27 B-M contract
Admin work 7/14
1/3

Addison Airport
Bulk Fuel Storage and Dispensing Facility
Change Order Status
1-12-06

The following provides a summary of all the change orders currently identified for the Addison Texas project. The summary also indicates the "backup information" yet to be provided to the Town of Addison, along with the invoicing status of each change order. All available information related to these change orders will be provided to the Town of Addison, and the Washington Group, by Tuesday 1-17-06—as reference material for a change order meeting scheduled for 1-20-06.

- CCR0**—We have little in the file for this change order, for Deadman Switches; we need to collect and file any additional correspondence on this one, but it is **not a dollar issue**.
- CCR01**, Relaxation Chambers—We've provided everything available, except invoices for materials; those invoices will be faxed from Rhode Island. **Invoiced late November.**
- CCR02**, Chain Link Fence—On this one, we can locate an invoice that includes these materials. **Invoiced late November.**
- CCR03**, Flow Meter Remote Display—On this one, we have been asked for Rabalais backup and that backup has been provided by Rabalais—dated April 11. We can provide that backup from Rabalais, to the Town of Addison. **Invoiced late November.**
- CCR04**, Air Eliminator Optical Sensor—Same as above. We can provide that backup from Rabalais. **Invoiced late November.**
- CCR05**, George Haddaway Drive—No action needed; **not a dollar issue**.
- CCR06**, Hand Pumps—We can provide an invoice for materials. **Complete; needs to be invoiced—approx \$500.**
- CCR07**, Conduit Under Tanks—We have the backup from Rabalais and can provide that. **Invoiced late November.**
- CCR08**, Live Oak Substitution—This is approved; it will be referenced in CCR019; **this is a credit, will be accounted for with invoice for CCR019.**
- CCR09**, Oil Water Separator—We need to complete two tasks here: 1) Resubmit the CCR with the new numbers based on the new approach (with backup); and 2) provide our technical explanation for why this is not a construction problem. **Complete; needs to be invoiced--approx \$20000**
- CCR10**, Relocation of Filter Separator—we provided considerable backup, including an explanation for the delay days claimed; we could provide materials invoices, but we don't have timeshheets. We never heard back on the days we requested. **Invoiced late November.**
- CCR11**, Addition of 5 static reels—This is approved on a not-to-exceed basis. We can provide materials invoices, and a labor estimate. **Invoiced late November.**
- CCR12**, Conduit Overfill—we need the Rabalais backup on this one. **Invoiced late November.**
- CCR13**, Headwall, no action required—**not a dollar issue**.
- CCR14**, A/C for MCC—We've retained all the correspondence related to this change order request. **Denied—not a dollar issue.**
- CCR15**, Elimination of Two Signs—No action required—**A credit; accounted for with invoice in late November.**
- CCR16**, Conduit Overfill—No action required; **not a dollar issue**.
- CCR17**, Paint Striping—Same as above. **A credit; not yet accounted for, because it is not yet complete.**
- CCR18**, Siemens Fire Detectors—we've received approval; **need to invoice at approximately \$20000.**

- CCR019, Landscaping Changes—Need to resubmit formally, with invoice from subcontractor (landscaper); **need to invoice at approximately \$9000.**
- CCR020, Move Bollards—**Need to submit formally, with invoice from subcontractor, and invoice at approximately \$5000.**
- CCR021, Floating Pump Suction—We need to confirm the price and the days delay and submit—**with materials invoices and labor manhours. Complete; need to invoice at approximately \$20000.**
- CCR022, Potting—Same as above, plus we need to review backup from Able Concrete on their costs. **Need to invoice at approximately \$16000**
- CCR023, Fill Line High Level Cutoff—We need to confirm the price and the days delay and submit—**with materials invoices and labor manhours. Complete; need to invoice at approximately \$15000.**
- CCR024, Vent Line Supports—We need to confirm materials and labor manhours, prepare the CCR, and submit—**with materials invoices and manhours. Complete; need to invoice at approximately \$7000.**
- CCR025, Reroute lines to vacuum trucks; this was identified by WGI in a site visit on 12-16; we have not implemented—**cost will be about \$3000.**
- CCR026, Sampling connection on hand pumps; this was identified by WGI in a site visit on 12-16; we have not implemented—**cost will be about \$3000.**

It looks like we're only missing Rabalais backup on CCR012. I think we have all the other subcontractor backups we need.

As has been indicated in earlier correspondence, our craftsmen do not charge their time to a specific task within the project—their time is charged to the project. We are able to provide estimated manhours for that work that was completed before the October 5, 2005 letter from Mark Acevedo; on later work, we attempted to track manhours against specific change orders.

January 17, 2006

Subject: Addison Texas Airport Fuel Farm
Change Orders 019, 020, 021, 022, 023, 024, 025, and 026

CR 019, Landscaping: Addison Parks and Recreation should have information regarding validity of the dollar amount of this item.

CR 020, Move Bollards: Bollards were installed by the contractor without direction or input from the Town or Engineer. The Town ask that they be relocated and provided a detail for where they wanted them placed. The Contractor removed and relocated the bollards. The submitted cost is too high and the Town could take the position that no additional payment is warranted.

CR 021, Floating Pump Suction: The arm on the floating pump suction was too long to fit into the tanks. The Contractor had to cut a section out of the arm and re-weld the flange. There should be no cost for this item because the Contractor is to provide a complete, functional fuel farm.

CR 022, Pot-holing: I believe this is for locating the drain line and digging out the pipe at the damaged area. Had the Contractor complied with the plans and specifications there would be no "Pot-holing". There proposed cost of \$16,000.00 would cover about 200 hours of work for a track hoe, operator and helper. There should be no cost for this item.

CR 023, Fill Line High Level Cutoff: Thielsch was required to drill holes in the 24-inch Overfill Prevention Valve Float Pilot Access where the high level shut off goes. Had they understood how the float was to be installed, they would have had Highland tank install holes. I don't see how his lack of knowledge accrues to us.

CR 024, Vent Line Supports: Any supports for any line is the responsibility of the Contractor.

CR 025, Reroute Lines to Vacuum Trucks: Lines were being installed with an inverted "U" in them which would have trapped air prohibiting the system to function as designed. Deleting the inverted "U" also saved the contractor pipe and two welds.

CR 026, Sampling Connection on Hand Pumps: This was installed to provide the FBO's a way of sampling the water draw off on the Av Gas tanks without having to carry sampling equipment up and down the ladders. Contractor has given an approximate cost of \$3,000.00. Actual cost should be approx. \$200.00.

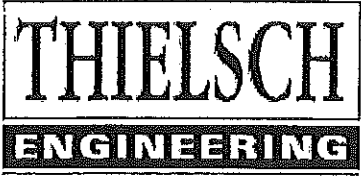
ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

3-Jan-06

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Comments |
|----------|---|-----------------------|----------------------------|--------------------------------|---|
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | Left out of bid package |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | Left out of bid package |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$56,366.00 | Hydraulic sensor not compatible with sys. |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | Specified pump would not draw 11 feet |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | Conduit under tanks due to relocating filters |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | Code requires fuel being filtered on and off |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | Reels omitted from plans |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | Planned conduits filled |
| | Washington Group International | | | | |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$147.20 | |
| | TOTAL | 21 | \$431,200.00 | \$223,937.20 | |
| | Resolved Change Orders | | | | |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ - | \$ - | No cost change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (3,955.00) | Credit to Town Change Order approved |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ - | Change Order denied |
| 13 | Drainage Pipe Headwall | 0 | \$ 12,800.00 | \$ - | Headwall was deleted Eng. Est. \$1,500.00 |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ 18,300.00 | \$ - | Change Order denied Eng. Est. \$10,500.00 |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | Change Order approved |
| 16 | Conduit Overfill no. 3 | 0 | \$ - | \$ - | Used a spare conduit |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | Change Order approved |
| 18 | Addition of 4 fire detectors | 0 | \$ 39,650.00 | \$ 20,410.00 | Contractor & Town approved \$20,410.00 |
| | <i>for cleanup up</i> | 0 | | | |
| | Total Resolved Change Orders | 0 | \$ 101,845.00 | \$ 15,505.00 | |
| | GRAND TOTAL | 21 | \$533,045.00 | \$239,442.20 | |

32 days

Need Pam



195 Frances Avenue
Cranston, RI 02910-2211

Invoice Number 059359
Invoice Date November 16, 2005

Project UES-41-05-0015
Page 1 of 1
NET 30

Contract

ATTN: ACCOUNTS PAYABLE
ADDISON, TOWN OF
5350 BELT LINE RD.
PO BOX 9010
ADDISON, TX 75001

Bid No. and Name: 05-02 Bulk Fuel Storage and Dispensing System

This invoice is associated with a progress billing for the Addison Bulk Fuel and Storage and Dispensing System project at 15701 Addison Rd. for the Addison Airport. This request is based upon 93% project completion.

Contract Amount: \$3,885,000.00
Amount Billed to Date: \$3,108,000.00
Amount Remaining on Contract: \$777,000.00
Amount of This Invoice: \$505,050.00
Current Amount Remaining: \$271,950.00

*3,108,000.
505,050.

3,108,000.
5%*

Progress Payment Request No. 6

180
505,050.00

Invoice Total

505,050.00

Billing inquiries to: ROMANO, MELISSA

155,400. Retains
349,650.

SENT TO DEPT
NOV 23 2005

RECEIVED
NOV 22 2005
TOWN OF ADDISON
ACCOUNTING

THIELSCH ENGINEERING, INC.

2111 Dickson Drive, Suite 10
Austin, Texas 78704
Tel: (512) 912-9941
Fax: (512) 912-9985

Date: November 16, 2005
Subject: Request for Partial Payment
To: Mr. Tom Cobb
Project Manager, Airport Services
7800 E. Union Ave., Suite 100
Denver, CO USA 80237

Dear Mr. Cobb,

Thielsch Engineering requests partial payment for work items completed and/or nearly completed to date for the Addison Bulk Fuel and Storage and Dispensing System at 15701 Addison Road for the Addison Airport.

The last request, September 24, 2005, was at a point in time when our project was 80% complete. Based on progress of key activities discussed below, we currently estimate the project to be 93% complete.

Work activities completed or nearly completed to date are:

- ✓ *Site preparation activities are complete with completion of the temporary fence, the project sign, temporary construction power, the silt fence, demolition and removal of the concrete wall, relocation of Monument AA3, traffic control appurtenances, and 500' of 6' vinyl coated chain link fence, site security temporary fences and construction gate. The removal of the bushes and chain link fence along Addison Road is complete. Rough grading of the landscape area is complete.*
- ✓ *The 6' and 8' chain link fence is complete and the gates will be complete this week. The slats are installed and final touch-up of the vinyl coating has started. The irrigation piping is installed, inspected and functional. The Nellie R Stevens bushes and Red Oak trees have been planted and the sod is scheduled for completion this week.*
- ✓ *Excavation of the containment and driveway areas to sub-grade has been completed. The oil/water separator has been installed and backfilled. The relocation of George Haddaway Drive is complete. The ADA sidewalks have been completed on George Haddaway Drive and the permanent stop sign relocated. The asphalt paving of both ends of the east driveway is complete. The existing fire hydrant has been relocated and the new one added including the fire hydrant bollards.*
- ✓ *The oil water separator and the discharge line to the storm sewer is installed and backfilled. The pea stone gravel on the exit driveway is installed and ready for final grading.*
- ✓ *Also complete is the buried portion of the domestic water piping, installation of six curb inlets and associated drain piping, installation of containment floor drains and piping, as well as installation of 9,865 linear feet of underground conduit. The water meter and back flow preventer for the domestic water line are also complete.*

- ✓ *The reinforcing steel, the anchor bolts for the center columns of the canopy, floor to containment walls water-stops, and the concrete for the containment and west driveway are complete. The containment wall reinforcing steel and canopy anchor bolts have been installed and the concrete poured. The 6" cofferdams are complete. The east driveway is complete.*
- ✓ *Fuel tank fabrication is complete and all twenty fuel and waste tanks have been set in place.*
- ✓ *The electrical racks, boxes, and conduit to them are now complete. Wire pulling through the embedded conduit is 95% complete.*
- ✓ *The sidewalks have been poured and the hose rack embedded plates installed.*
- ✓ *Large bore pipe fabrication is completed in Corpus Christi with 94% of the large bore fuel pipe welds completed. The 28 fuel hose racks have been fabricated and installed. Painting of the pipe and equipment supports is approximately 70% complete.*
- ✓ *Delivery of fuel system equipment and valves is complete. The flow meters, AvGas double block and bleed valves, relaxation chambers, air eliminators, filter separators, anti-siphon valves, high level control valves, and fuel hoses have been received and are in place. The fuel pump supports are installed and grouted. Concrete fill of the pump supports will be complete this week.*
- ✓ *Procurement and fabrication activities are completed on the canopy fabric and steel columns and rafters. The canopy structural steel is installed complete and fabric installation is complete. Fuel tank vent piping is installed through the canopy. The lightning protection loop is complete and lightning rod installation is 95% complete.*
- ✓ *Work has started on development of the system testing procedure.*

I have individually updated the percent complete status for the above activities and the Microsoft Projects Scheduler Program determined the overall project completion to be 93% as stated on the Project Duration Bar. A copy of the Project Schedule has been forwarded as an attachment to this request.

The initial request was for 13% completion, the second request was for 38%, the third was for 9%, the fourth was for 13%, and the fifth was for 7%. We are currently at 93% complete. Therefore, this request for partial payment is for a 13% increase in completion activities, or \$505,050.00 of the remaining contract amount of \$777,000.00.

| | |
|--------------------------|------------------|
| Original contract amount | \$3,885,000.00 |
| May 31 request | - \$ 505,050.00 |
| Remaining balance | \$3,379,950.00 |
| June 24 request | - \$1,476,350.00 |
| Remaining balance | \$1,903,600.00 |
| July 24 request | - \$ 349,650.00 |
| Remaining balance | \$1,553,950.00 |
| August 24 request | - \$ 505,000.00 |
| Remaining balance | \$1,048,950.00 |
| September 24 request | - \$ 271,950.00 |
| Remaining balance | \$ 777,000.00 |
| This request | - \$ 505,050.00 |
| Remaining balance | \$ 271,950.00 |

Very truly yours,

THIELSCH ENGINEERING, INC.

Rick Normandeau

Project Manager
Utility Engineering Services

Cc: T. Lent
P. Kennefick
M. Romano
M. Acevedo

| NAME | ORG | PHONE | DATE |
|------------------|-----------------|----------------|---------|
| Jenny Nicewander | TOA | 972 450 2860 | 1/20/06 |
| Mark Acevedo | TOA | 972-450-2848 | |
| Chris Terry | TOA | 972/450-2010 | |
| Nancy Cline | TOA | (972) 450-2878 | |
| LISA Pyles | Addison Airport | 972 392 4855 | |
| LARRY DAY | WGI | 303-807-7210 | |
| Tom Cobb | WGI | 303 843 2944 | |
| Ted Rigo | WGI | 303 843-3480 | |
| Luis Elquezabal | Addison Airport | 972-392-4861 | |



CONSTRUCTION GROUP

195 Frances Avenue
Cranston, Rhode Island 02910

Phone: (401) 467-6454
Fax: (401) 461-6006

Transmittal No.: TH1007

Job No.: 41050015

Date: 09/28/2005

TO: Addison Airport
16501 Addison Rd., Ste. 220
Addison, Texas 75001

Project: Bulk Fuel Storage and
Dispensing System

Contract No.: BID 05-02

Ref: Change/Clarification Request

ATTN: Marc Acevedo

| WE ARE SENDING: | SUBMITTED FOR: | ACTION TAKEN: |
|---|---|--|
| <input type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Approval | <input type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Letter | <input type="checkbox"/> Your Use | <input type="checkbox"/> Approved as Noted |
| <input type="checkbox"/> Prints | <input type="checkbox"/> As Requested | <input type="checkbox"/> Returned After Loan |
| <input type="checkbox"/> Change Order | <input type="checkbox"/> Review and Comment | <input type="checkbox"/> Resubmit |
| <input type="checkbox"/> Plans | | <input checked="" type="checkbox"/> Submit |
| <input type="checkbox"/> Samples | SENT VIA: | <input type="checkbox"/> Returned |
| <input type="checkbox"/> Specifications | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Returned for Correction |
| <input checked="" type="checkbox"/> Other: Change/Clarification Request | <input type="checkbox"/> Separate cover via: Mail | Copies to Return: 0 |

| ITEM NO. | COPIES | DATE | ITEM NUMBER | REV. NO. | DESCRIPTION | STATUS |
|----------|--------|----------|-------------|----------|--------------------------------------|--------|
| 01 | 1 | 09/28/05 | CCR 001 | A | Relaxation Chamber | OPN |
| 02 | 1 | 09/28/05 | CCR 002 | - | Chain Link Fence Design | OPN |
| 03 | 1 | 09/28/05 | CCR 003 | A | Electrical Conduit for Preset Valves | OPN |
| 04 | 1 | 09/28/05 | CCR 004 | A | Air Eliminators | OPN |
| 05 | 1 | 09/28/05 | CCR 006 | - | Hand Draw-Off Pumps | OPN |
| 06 | 1 | 09/28/05 | CCR 007 | A | Conduit Under Tanks | OPN |
| 07 | 1 | 09/28/05 | CCR 008 | - | Landscaping Changes | OPN |
| 08 | 1 | 09/28/05 | CCR 009 | - | OWS Discharge Design | OPN |
| 09 | 1 | 09/28/05 | CCR 010 | - | Filter/Separator | OPN |
| 10 | 1 | 09/28/05 | CCR 011 | - | Add 5 Static Grounding | OPN |
| 11 | 1 | 09/28/05 | CCR 012 | - | Conduit Overfill RFI #7 | OPN |
| 12 | 1 | 09/28/05 | CCR 013 | - | Headwall to Landscape | OPN |
| 13 | 1 | 09/28/05 | CCR 014 | - | AC Unit w/ Dehumidification for MCC | OPN |
| 14 | 1 | 09/28/05 | CCR 015 | - | Airport Property Signage | OPN |
| 15 | 1 | 09/28/05 | CCR 017 | - | Paint Striping | OPN |

Remarks: This CCR is to request contract management for approval.

Should there be any questions or concerns please call this office immediately.

Check one: [] Response to this CCR DOES NOT cause a change in Contract Price and/ or Contract Time.

[X] Response to this CCR DOES cause a change in Contract Price and/ or Contract Time.

FOUO

Signed: Richard Normandeau
Richard Normandeau

Addison Airport Fuel Farm Project
Assessment of Change Orders (CO)

31-Oct-05

+21 DAYS

| No. | Requested CO | Cost | Time | Resolution | Issue | Approval | Comment |
|------|--|---------------------|------|-------------|--|-------------|--|
| E 1 | Add Relaxation Chambers to Jet A Tanks | \$130,251.97 | 0 | | Error on Addendum #2 | | \$4500-\$4800 Lungren email to Contractor 3/28/05. Original proposal at \$131,000. Contractor submitted "backup" 10/27/05 - still lacking documentation to support. Our estimate is \$56,000 <i>matl + labor + install</i> |
| 3 | Conduit for pre-set valves | \$54,900.00 | 0 | | Value Engineering after bid | | Our estimate being prepared |
| 4 | Add air eliminator optical sensor | \$41,700.00 | 0 | | Value Engineering after bid | | Our estimate being prepared |
| 6 | Water draw off hand pumps | \$4,500.00 | 0 | | Error on pump specifications | | Our estimate being prepared |
| 7 | Conduit under tanks | \$10,800.00 | 0 | | Planned conduits maxed | | Our estimate being prepared |
| E 10 | Relocation of filter-separator | \$163,300.00 | 21 | | ATA 103 requirement | | 07/1/05 Mtg Notes-B&M adds circuits/conduits. Our estimate being prepared |
| E 11 | Addition of five grounding static discharge rods | \$5,700.00 | 0 | TBD | Design omission | WGI/Addison | 08/05/05 Mtg Notes. Our estimate being prepared. |
| 12 | Conduit overfill No. 2 | \$9,400.00 | 0 | | Planned conduits maxed | | Contractor approve to perform T&M NTE \$5,700 |
| 16 | Conduit overfill No. 3 | \$0.00 | 0 | \$0.00 | Planned conduits maxed | | Our estimate being prepared |
| | Burns & McDonnell Total | \$420,551.97 | | | | WGI/Addison | If follow Contractor proposed use of Another conduit. Accepted - No Cost Change |
| E 2 | Add fence posts on Chain Link Fence | \$19,467.36 | 0 | | Error on plans | | Original proposal @ \$27,300. Contractor submitted "backup" 10/28/05 for reduced proposal. - still lacking documentation to support. Our prel. Estimate is \$9,500--under study |
| 13 | Drainage pipe headwall | \$12,800.00 | 0 | \$0.00 | Landscaping appearance-request by Addison | Addison | "Decorative Headwall" Mtn Notes 8/5/05 - Deleted |
| 5 | Additional Ex. On George Haddaway Dr. | \$0.00 | 0 | \$0.00 | Changed conditions-concrete removal | Addison | 9/28/05 Contractor amended to zero |
| | WGI Total | \$32,267.36 | | | | | |
| 8 | Live Oak substitution | -\$3,955.00 | 0 | -\$3,955.00 | Change by Addison | Addison | Pending putting back trees that were deleted. |
| 15 | Elimination of 2 signs | -\$700.00 | 0 | -\$700.00 | Not needed | Addison | |
| 17 | Pavement paint location change | -\$250.00 | 0 | -\$250.00 | No cost change | Addison | |
| | Addison Total | -\$4,905.00 | | | | | |
| 9 | Oil/Water separator grade | \$36,300.00 | 0 | \$0.00 | Tank set low by Contractor/ Existing pipe higher than shown on plans due to mid-run change-unforseen condition not an issue. | WGI/Addison | Opinion this is Contractor obligation - Additional Pipe of about 50'. Would work as designed per Jenny. |
| 14 | Air conditioning for motor control cabinet | \$18,300.00 | 0 | \$0.00 | May not be required per Burns & McDonnell | Addison | Verify with designer. Deleted |
| E 18 | Addition of fire detectors | \$23,476.80 | 21 | \$0.00 | Addison F.D. requested only one at each corner. Need 8 to cover total site. Contractor | WGI/Addison | Original proposal \$39,650. Contractor provided revised proposal @ \$23,746.80 + 21 days. Still too expensive. Counter proposal at \$17,250 max + 2 days or credit for entire system. Contractor decision pending. |
| | TOTAL REQUESTED TO DATE | \$525,991.13 | | | | | |

CAREY FRANKLIN
TO MARK AC

DETECTORS @ 4000 EACH

General Note: All costs need to be supported by documentation from the Contractor.

help in justifying this #



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Memo

To: Mark Acevedo
Town of Addison
General Services Director

From: Kevin Davis
Washington Group International

Date: June 15, 2006

Project No.: WGI-ADS 27514
Addison A/P Fuel Farm
Contract Change Requests

Subject: Letters to Thielsch Regarding TEI CCRs #1, #2, #3, #4, #6, #7,
#8/#19, #10, #12, #20, #22, #26, #27 and #28

Attached are two copies of each letter addressing the respective CCR(s). Please sign both copies and then send both to Thielsch. Letters are addressed to Rick N., but should probably go to Cary Franklin in Rhode Island at 195 Frances Avenue; Cranston, RI 02910.

Sincerely,

Kevin Davis
Washington Group International

Attachments



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #1 – Add Relaxation Chambers

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 1, dated September 15, 2005 as proposed at \$131,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls for labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$118,598.00.

We propose to settle this matter at a cost of \$118,598.00 and 0 time as fair and equitable payment for the services provided under CCR No. 1. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.]

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 1

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

ESTIMATE DETAIL
 MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|--|------|------|-------|-----|------------|-----------|----------|-------------|----------|----------------|----------|-----------|------------|
| | | | U | MH | RATE \$/MH | UNIT COST | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | | |
| CONSTRUCTION CHANGE ORDER-001 REV.A | | | | | | | | | | | | | |
| RELAXATION CHAMBER | 10 | EA | 1.9 | 19 | 48.35 | 919 | 7576.41 | | | | | 7668.28 | 76,683 |
| 4" WELD NECK FLANGE | 20 | EA | 1.9 | 38 | 48.35 | 1,837 | 40.59 | | | 553 | 27.63 | 160.10 | 3,202 |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | 16.24 | | | | | 98.44 | 1,969 |
| 4" ISOLATION FIRE SAFE BUTTERFLY VALVE | 10 | EA | 2.5 | 25 | 48.35 | 1,209 | 1088.61 | | | | | 1189.70 | 11,897 |
| 4" WELD NECK FLANGE | 20 | EA | 1.9 | 38 | 48.35 | 1,837 | 40.59 | | | | 27.63 | 160.10 | 3,202 |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | 16.24 | | | | | 98.44 | 1,969 |
| SMALL BORE PIPING | | | | | | | | | | | | | |
| 1" PIPING | 150 | LF | 0.13 | 20 | 48.35 | 943 | 2.57 | | | | 1.01 | 9.87 | 1,481 |
| 90 DEG. ELBOW | 20 | EA | 1.8 | 36 | 48.35 | 1,741 | 18.94 | | | | 26.18 | 132.16 | 2,643 |
| TEE | 20 | EA | 2.7 | 54 | 48.35 | 2,611 | 27.06 | | | | 39.27 | 196.89 | 3,938 |
| SIGHT GLASS | 10 | EA | 1.8 | 18 | 48.35 | 870 | 507.35 | | | | 26.18 | 262 | 6,206 |
| 4" PIPE SUPPORT | 10 | EA | 5 | 50 | 48.35 | 2,418 | 237.51 | | | | | 479.28 | 4,793 |
| X-RAY WELDS | 6 | EA | | | | | 102.82 | | | | | 102.82 | 617 |
| TOTALS | | | | 366 | | 17,674 | 98,096 | | | | | 2,828 | 118,598 |

TEI CCR No. 1

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3.30 ESTIMATOR: JIM GIBSON

SUMMARY

MECHANICAL

| DESCRIPTION | LABOR | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|---------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARKUP-SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.06000 | NA | 1.06000 | NA | 1.06000 | |
| SUBTOTALS | | NA | 1.06000 | NA | 1.06000 | |
| FIELD OVERHEAD | 1.10000 | 1.00000 | 1.00000 | NA | 1.00000 | |
| SUBTOTALS | | 1.00000 | 1.00000 | NA | 1.00000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.00000 | 1.00000 | NA | 1.00000 | |
| SUBTOTALS | | 1.00000 | 1.00000 | NA | 1.00000 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS :

- "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
- "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
- "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
- "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #1 – Add Relaxation Chambers

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 1, dated September 15, 2005 as proposed at \$131,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls for labor costs have not been provided.

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Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 1

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

ESTIMATE DETAIL
 MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|--|------|------|-------|-----|------------|----------|-----------|-------------|-----------|----------------|-----------|-----------|------------|
| | | | U | MH | RATE \$/MH | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | UNIT COST | | |
| CONSTRUCTION CHANGE ORDER- 001 REV.A | | | | | | | | | | | | | |
| RELAXATION CHAMBER | 10 | EA | 1.9 | 19 | 48.35 | 919 | 7576.41 | | | | | 7668.28 | 76,683 |
| 4" WELD NECK FLANGE | 20 | EA | 1.9 | 38 | 48.35 | 1,837 | 40.59 | 812 | | 27.63 | 553 | 160.10 | 3,202 |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | 16.24 | 325 | | | | 98.44 | 1,969 |
| 4" ISOLATION FIRE SAFE BUTTERFLY VALVE | 10 | EA | 2.5 | 25 | 48.35 | 1,209 | 1088.81 | 10,686 | | | | 1189.70 | 11,897 |
| 4" WELD NECK FLANGE | 20 | EA | 1.8 | 36 | 48.35 | 1,837 | 40.59 | 812 | | 27.63 | 553 | 160.10 | 3,202 |
| 4" BOLT-UP | 20 | EA | 1.7 | 34 | 48.35 | 1,644 | 16.24 | 325 | | | | 98.44 | 1,969 |
| SMALL BORE PIPING | | | | | | | | | | | | | |
| 1" PIPING | 150 | LF | 0.13 | 20 | 48.35 | 943 | 2.57 | 388 | | 1.01 | 152 | 9.87 | 1,481 |
| 90 DEG. ELBOW | 20 | EA | 1.8 | 36 | 48.35 | 1,741 | 18.94 | 379 | | 26.18 | 524 | 132.16 | 2,643 |
| TEE | 20 | EA | 2.7 | 54 | 48.35 | 2,611 | 27.06 | 541 | | 39.27 | 785 | 196.89 | 3,938 |
| SIGHT GLASS | 10 | EA | 1.8 | 18 | 48.35 | 870 | 507.35 | 5,073 | | 26.13 | 262 | 620.57 | 6,206 |
| 4" PIPE SUPPORT | 10 | EA | 5 | 50 | 48.35 | 2,418 | 237.51 | 2,375 | | | | 479.28 | 4,793 |
| X-RAY WELDS | 6 | EA | | | | | 102.82 | 617 | | | | 102.82 | 617 |
| TOTALS | | | | 366 | | 17,674 | | 98,096 | | | 2,828 | | 118,598 |

TEI CCR No. 1

PROJECT CLIENT ADDISON TEXAS EST LEVEL: C.O.
 PROJECT DESC: FUEL FACILITY ESTIMATE DUE DATE: 11/29/2005
 PROJECT #: 34310-3.30 ESTIMATOR: JIM GIBSON

SUMMARY

MECHANICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|----------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD-OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.12200 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33284 | NA | 1.33284 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CITP SUBTOTAL MARKUP MULTIPLIERS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON SIC WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.00000 | 1.25274 | 1.35293 | 1.01500 | |

INFORMATION ABOUT THE MARKUPS :

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #2 – Fence Modification

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 2, dated September 28, 2005 as proposed at \$27,000.00 and 0 additional time. We have also reviewed your spreadsheet estimate labeled as Rev. A. and dated August 15, 2005 that totals \$19,457.36. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided. There also appears to be a discrepancy in the length of fencing. The Contractor is claiming 770 LF where there is actually only 519 LF.

We have consulted with fence suppliers and have completed our own estimate of the value of this work. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$326.60.

We propose to settle this matter at a cost of \$326.60 and 0 time as fair and equitable payment for the services provided under CCR No. 2. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies for which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (1 page)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 2



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Airport Services

ESTIMATE OF PROBABLE CONSTRUCTION COST
ADDISON, TEXAS AIRPORT
ADDISON, TEXAS
CHANGE ORDER NO. 2

Bulk Fuel Storage and Dispensing System: Chain Link Fence Change Order Date: December 22, 2005

| ITEM NO. | DESCRIPTION | ESTIMATED QUANTITY | UNITS | UNIT COST | ESTIMATED COST |
|--|--|--------------------|-------|-----------|-----------------|
| F-162a | Install 10-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 10-Foot Centers, No Top or Mid rail | 519 | L.F. | -\$48.65 | (\$25,249.35) |
| F-162b | Install Vinyl Coated Top Rail to 6-Foot Chain Link Fence | 409 | L.F. | \$2.00 | \$818.00 |
| F-162c | Install Galvanized Top Rail to 6-Foot Chain Link Fence | 59 | L.F. | \$1.50 | \$88.50 |
| F-162d | Install 4 Additional Line Post to 6-Foot Chain Link Fence | 4 | EA. | \$39.00 | \$156.00 |
| F-162e | Install 8-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 7-Foot Centers | 519 | L.F. | \$42.65 | \$22,135.35 |
| F-162f | Install Vinyl Coated Top Rail to 8-Foot Chain Link Fence | 519 | L.F. | \$2.00 | \$1,038.00 |
| F-162g | Install Vinyl Coated Mid Rail to 8 Foot Chain Link Fence | 519 | L.F. | \$2.50 | \$1,297.50 |
| SUB-TOTAL | | | | | \$284.00 |
| 15% Contractor Mark-Up | | | | | \$42.60 |
| TOTAL ESTIMATED COST-CHANGE ORDER NO. 2 | | | | | \$326.60 |



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #2 – Fence Modification

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 2, dated September 28, 2005 as proposed at \$27,000.00 and 0 additional time. We have also reviewed your spreadsheet estimate labeled as Rev. A. and dated August 15, 2005 that totals \$19,457.36. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided. There also appears to be a discrepancy in the length of fencing. The Contractor is claiming 770 LF where there is actually only 519 LF.

We have consulted with fence suppliers and have completed our own estimate of the value of this work. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$326.60.

We propose to settle this matter at a cost of \$326.60 and 0 time as fair and equitable payment for the services provided under CCR No. 2. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies for which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (1 page)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 2



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Airport Services

ESTIMATE OF PROBABLE CONSTRUCTION COST
ADDISON, TEXAS AIRPORT
ADDISON, TEXAS
CHANGE ORDER NO. 2

Bulk Fuel Storage and Dispensing System: Chain Link Fence Change Order

Date: December 22, 2005

| ITEM NO. | DESCRIPTION | ESTIMATED QUANTITY | UNITS | UNIT COST | ESTIMATED COST |
|--|--|--------------------|-------|-----------|-----------------|
| F-162a | Install 10-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 10-Foot Centers, No Top or Mid rail | 519 | L.F. | -\$48.65 | (\$25,249.35) |
| F-162b | Install Vinyl Coated Top Rail to 6-Foot Chain Link Fence | 409 | L.F. | \$2.00 | \$818.00 |
| F-162c | Install Galvanized Top Rail to 6-Foot Chain Link Fence | 59 | L.F. | \$1.50 | \$88.50 |
| F-162d | Install 4 Additional Line Post to 6-Foot Chain Link Fence | 4 | BA. | \$39.00 | \$156.00 |
| F-162e | Install 8-Foot Vinyl Coated Chain Link Fence with Slats, Posts on 7-Foot Centers | 519 | L.F. | \$42.65 | \$22,135.35 |
| F-162f | Install Vinyl Coated Top Rail to 8-Foot Chain Link Fence | 519 | L.F. | \$2.00 | \$1,038.00 |
| F-162g | Install Vinyl Coated Mid Rail to 8 Foot Chain Link Fence | 519 | L.F. | \$2.50 | \$1,297.50 |
| SUB-TOTAL | | | | | \$284.00 |
| 15% Contractor Mark-Up | | | | | \$42.60 |
| TOTAL ESTIMATED COST-CHANGE ORDER NO. 2 | | | | | \$326.60 |



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #3 – Conduit for Pre-set Valves

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 3, Rev. A., dated November 11, 2005 as proposed at \$46,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$16,749.00.

We propose to settle this matter at a cost of \$16,749.00 and 0 time as fair and equitable payment for the services provided under CCR No. 3. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____

Thielsch Engineering, Inc.

Very Truly Yours,

Washington Group International

Town of Addison



Kevin D. Davis, P.E.

Mark Acevedo

Project Engineer

Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 3

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

SUMMARY

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM NORRIS

ELECTRICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP-SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18000 | NA | 1.18000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.21176 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33294 | NA | 1.33294 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O. & P ON S/C WORK | 1.15000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | 1.00000 | 1.44082 | 1.55587 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #3 – Conduit for Pre-set Valves

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 3, Rev. A., dated November 11, 2005 as proposed at \$46,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$16,749.00.

We propose to settle this matter at a cost of \$16,749.00 and 0 time as fair and equitable payment for the services provided under CCR No. 3. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____

Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 3

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM NORRIS

ESTIMATE DETAIL
 ELECTRICAL

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|--|------|------|-------|-----|-----------|----------|-------------|----------|----------------|----------|-----------|------------|
| | | | U | MH | UNIT COST | TTL COST | UNIT COST | TTL COST | UNIT COST | TTL COST | | |
| ELEC. C.O. #CCR-003 REV. A | | | | | | | | | | | | |
| 1" PVC CONDUIT - BELOW SLAB | 2110 | LF | 0.03 | 83 | 49.63 | 3,142 | 0.65 | 1,379 | | | 2.14 | 4,520 |
| SPLICE BOX - 4x4x2 FS BOX | 5 | EA | 1.25 | 6 | 49.63 | 310 | 38.90 | 194 | | | 100.98 | 505 |
| #10 THWN WIRE | 7085 | LF | 0.007 | 49 | 49.63 | 2,444 | 0.16 | 1,095 | | | 0.50 | 3,539 |
| #14 THWN WIRE | 2800 | LF | 0.005 | 14 | 49.63 | 695 | 0.09 | 261 | | | 0.34 | 956 |
| 1" GRSC - EXPOSED ASSEMBLY w/ FTGS. & SUPPORTS | 480 | LF | 0.11 | 53 | 49.63 | 2,620 | 2.71 | 1,298 | | | 8.17 | 3,920 |
| 1" LIQUITE FLEX CONDUIT - TYPE NM (INCL CUTS) | 201 | LF | 0.1 | 20 | 49.63 | 998 | 2.04 | 410 | | | 7.00 | 1,408 |
| 1" LI CONNECTORS - TYPE NM | 140 | EA | 0.2 | 28 | 49.63 | 1,390 | 3.66 | 512 | | | 13.59 | 1,902 |
| TOTALS | | | | 234 | | 11,698 | | 5,151 | | | | 16,749 |

TEI CCR No. 3

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

**SUMMARY
 ELECTRICAL**

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM NORRIS

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | HR | | | | |
| MARK-UP/SETTINGS: | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | 1.00000 | NA | NA | 1.00000 | |
| SUBTOTALS | | | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.10000 | NA | 1.10000 | |
| HOME OFFICE COSTS | 1.02000 | | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | | 1.02000 | NA | 1.02000 | |
| SUB-CONTR. PROFIT | 1.10000 | | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.33294 | NA | 1.33294 | |
| BOND | 1.01500 | | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | | 1.25271 | 1.35293 | 1.35293 | |
| CONTINGENCY | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | | 1.25271 | 1.35293 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.15000 | | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | 1.00000 | | 1.44082 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #4 – Add Air Eliminator Optical Sensor

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 04, Rev. A, dated November 11, 2005 as proposed at \$34,200.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that the proposed cost is reasonable. This letter is to acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 4 at a final cost of \$34,200.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #4 – Add Air Eliminator Optical Sensor

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 04, Rev. A, dated November 11, 2005 as proposed at \$34,200.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that the proposed cost is reasonable. This letter is to acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 4 at a final cost of \$34,200.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date: _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #6 -- Change Water draw Off Pumps

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 6, Rev. A., dated November 11, 2005 as proposed at \$5,000.00 and 0 additional time. We concur that the work under this CCR has been performed however, we do not concur that there is an entitlement. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated have not been provided. Further, the cost of the pumps provided under this CCR is actually less than the cost of the pumps being replaced.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe that a credit is due from the Contractor in the amount of \$2,368.00.

Accordingly, the Contractor's request for additional payment under this CCR is denied. Demand is made from the Contractor for a credit in the amount of \$2,368.00. No additional time is granted under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 6

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

SUMMARY
MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARKUP-SETTINGS | 1.00000 | NA | NA | NA | 1.00000 | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.10000 | NA | 1.10000 | |
| HOME OFFICE COSTS | 1.20000 | 1.20000 | 1.20000 | NA | 1.20000 | |
| SUBTOTALS | | 1.20000 | 1.20000 | NA | 1.20000 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.10000 | NA | 1.10000 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| ESCALATION | 1.00000 | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| SUBTOTALS | | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CONTINGENCY | 1.00000 | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CIP SUBTOTAL MARKUP MULTIPLIERS | | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| G. C. O & P ON/SIC WORK | 1.00000 | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| TOTAL MARKUP MULTIPLIERS | 1.08000 | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #6 – Change Water draw Off Pumps

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 6, Rev. A., dated November 11, 2005 as proposed at \$5,000.00 and 0 additional time. We concur that the work under this CCR has been performed however, we do not concur that there is an entitlement. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated have not been provided. Further, the cost of the pumps provided under this CCR is actually less than the cost of the pumps being replaced.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe that a credit is due from the Contractor in the amount of \$2,368.00.

Accordingly, the Contractor's request for additional payment under this CCR is denied. Demand is made from the Contractor for a credit in the amount of \$2,368.00. No additional time is granted under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 6

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

ESTIMATE DETAIL
 MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|-------------------------------------|------|------|-------|-----|-------|----------|-----------|-------------|-----------|----------------|-----------|-----------|------------|
| | | | U | MH | MR | TL COST | UNIT COST | TL COST | UNIT COST | TL COST | UNIT COST | | |
| CONSTRUCTION CHANGE ORDER-006 REV.A | | | | | | | | | | | | | |
| ORIGINAL HAND OPERATED DRAW PUMPS | -14 | EA | 1 | -14 | 48.35 | (677) | 326.06 | (4,565) | | | | | (5,242) |
| NEW HAND OPERATED DRAW PUMPS | 14 | EA | 1 | 14 | 48.35 | 677 | 156.94 | 2,197 | | | | 205.29 | 2,874 |
| TOTALS | | | | | | | | (2,368) | | | | | (2,368) |

TRF CCR No. 6

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

SUMMARY
MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARKUP-SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | 1.00000 | NA | NA | 1.00000 | |
| SUBTOTALS | | | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | | NA | NA | 1.08000 | |
| SUBTOTALS | | | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | | NA | NA | 1.10000 | |
| SUBTOTALS | | | 1.10000 | NA | 1.10000 | |
| HOME OFFICE COSTS: | | | 1.18800 | NA | 1.18800 | |
| SUBTOTALS | | | 1.18800 | NA | 1.18800 | |
| SUB-CONTR:PROFIT | 1.21376 | | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | | 1.21376 | NA | 1.21176 | |
| BOND | 1.10000 | | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | | 1.10000 | NA | 1.10000 | |
| ESCALATION | 1.25271 | | 1.33294 | NA | 1.33294 | |
| SUBTOTALS | | | 1.33294 | NA | 1.33294 | |
| CONTINGENCY | 1.01500 | | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | | 1.01500 | 1.01500 | 1.01500 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | 1.25271 | | 1.35293 | 1.01500 | 1.35293 | |
| SUBTOTALS | | | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | 1.06000 | | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS :

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #7 – Add Conduit Under Tanks

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 7, Rev. A., dated November 11, 2005 as proposed at \$19,300.00 and 0 additional time. We also have a second, signed Rev. A. dated September 28, 2005 proposed at \$10,800.00. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$7,910.00.


We propose to settle this matter at a cost of \$7,910.00 and 0 time as fair and equitable payment for the services provided under CCR No. 7. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thiensch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 7

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

SUMMARY
 ELECTRICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM NORRIS

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|------------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | | | | | |
| MARK-UP SETTINGS: | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.10000 | NA | 1.10000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.21176 | 1.10000 | NA | 1.21176 | |
| SUBTOTALS | | 1.21176 | 1.10000 | NA | 1.10000 | |
| BOND | 1.01500 | 1.28420 | 1.33294 | NA | 1.33294 | |
| SUBTOTALS | | 1.28420 | 1.33294 | NA | 1.33294 | |
| ESCALATION | 1.00000 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| CONTINGENCY | 1.00000 | 1.35293 | 1.00000 | 1.00000 | 1.35293 | |
| SUBTOTALS | | 1.35293 | 1.00000 | 1.00000 | 1.35293 | |
| C.T.P. SUBTOTAL MARKUP MULTIPLIERS | 1.00000 | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.15000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | 1.15000 | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| | 1.00000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| | | 1.44062 | 1.55587 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS :

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #7 – Add Conduit Under Tanks

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 7, Rev. A., dated November 11, 2005 as proposed at \$19,300.00 and 0 additional time. We also have a second, signed Rev. A. dated September 28, 2005 proposed at \$10,800.00. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$7,910.00.


We propose to settle this matter at a cost of \$7,910.00 and 0 time as fair and equitable payment for the services provided under CCR No. 7. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No.7

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.3B

ESTIMATE DETAIL
 ELECTRICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 3/16/2008
 ESTIMATOR: JRN

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | MATERIAL | | SUBCONTRACT | | EQUIPMENT RENT | | UNIT COST | TOTAL COST |
|------------------------------------|------|------|-------|----|------------|----------|-------------|-------|----------------|----------|-----------|------------|
| | | | U | MH | RATE \$/HR | T/L COST | U | MH | RATE \$/HR | T/L COST | | |
| ELEC. C.O. #CCR-007 REV. A | | | | | | | | | | | | |
| 1" 45 DEGREE E.P. FTGS. | 127 | EA | 0.45 | 57 | 50.88 | 2.908 | 22.55 | 2.865 | | | 45.46 | 5,773 |
| CUT-OFF EXIST. FITTINGS (14 TANKS) | 14 | EA | 1 | 14 | 50.88 | 712 | | | | | 50.88 | 712 |
| RE-THREAD CONDUITS | 14 | EA | 2 | 28 | 50.88 | 1,425 | | | | | 101.77 | 1,425 |
| TOTALS | 98 | | | | | 5,045 | 2,865 | | | | | 7,910 |

TEI CCR No. 7

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

SUMMARY

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/28/2005
 ESTIMATOR: JIM NORRIS

ELECTRICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | HR | | | | |
| MARK-UP-SETTINGS: | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | 1.00000 | NA | NA | 1.00000 | 1.00000 |
| SUBTOTALS | | | NA | NA | 1.00000 | 1.00000 |
| SALES TAX | 1.08000 | | NA | 1.08000 | 1.08000 | 1.08000 |
| SUBTOTALS | | | NA | 1.08000 | 1.08000 | 1.08000 |
| FIELD OVERHEAD | 1.10000 | | 1.10000 | 1.10000 | 1.10000 | 1.18800 |
| SUBTOTALS | | | 1.10000 | 1.10000 | 1.10000 | 1.18800 |
| HOME OFFICE COSTS: | 1.02000 | | 1.02000 | 1.02000 | 1.02000 | 1.02000 |
| SUBTOTALS | | | 1.02000 | 1.02000 | 1.02000 | 1.02000 |
| SUB-CONTR-PROFIT | 1.10000 | | 1.10000 | 1.10000 | 1.10000 | 1.21176 |
| SUBTOTALS | | | 1.10000 | 1.10000 | 1.10000 | 1.10000 |
| BOND | 1.01500 | | 1.01500 | 1.01500 | 1.01500 | 1.33284 |
| SUBTOTALS | | | 1.01500 | 1.01500 | 1.01500 | 1.01500 |
| ESCALATION | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | 1.36283 |
| SUBTOTALS | | | 1.00000 | 1.00000 | 1.00000 | 1.00000 |
| CONTINGENCY | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | 1.36283 |
| CTP-SUBTOTAL-MARKUP-MULTIPLIERS | | | 1.00000 | 1.00000 | 1.00000 | 1.00000 |
| G. C. O & P ON S/C WORK | 1.15000 | | 1.15000 | 1.15000 | 1.15000 | 1.35283 |
| TOTAL MARKUP-MULTIPLIERS | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | 1.55587 |

INFORMATION ABOUT THE MARKUPS:

- "WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
- "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
- "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
- "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #10 – Relocation of Filter Separators

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 10 Rev. A dated November 11, 2005 as proposed at \$163,000.00 and 21 days additional time. By earlier correspondence dated November 1, 2005, the Contractor was granted 21 additional days for this CCR. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$26,735.00.

We propose to settle this matter at a cost of \$26,735.00 as fair and equitable payment for the services provided under CCR No. 10. As already noted, an additional 21 days has already been granted. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEF CCR No. 10

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

ESTIMATE DETAIL
 MECHANICAL

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | | SUBCONTRACT | | | EQUIPMENT RENT | | | UNIT COST | TOTAL COST |
|--------------------------------------|------|------|-------|-----|------------|----------|-----------|---------|-------------|---------|-----------|----------------|-----------|---------|-----------|------------|
| | | | U | MH | RATE \$/HR | TL COST | UNIT COST | TL COST | UNIT COST | TL COST | UNIT COST | TL COST | UNIT COST | TL COST | | |
| CONSTRUCTION CHANGE ORDER- 010 REV.A | | | | | | | | | | | | | | | | |
| WELDS @ TANK #1 | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 10 | EA | 1.5 | 15 | 48.35 | 725 | | | | | | 21.82 | 218 | 94.35 | 943 | |
| RE-WELD WELDS | 7 | EA | 4.6 | 32 | 48.35 | 1,557 | | | | | | 86.90 | 468 | 289.33 | 2,025 | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | |
| WELDS @ TANK #2,6,7,9,10,12&13 | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 56 | EA | 1.5 | 84 | 48.35 | 4,082 | | | | | | 21.82 | 1,222 | 94.35 | 5,283 | |
| RE-WELD WELDS | 35 | EA | 4.6 | 161 | 48.35 | 7,785 | | | | | | 86.90 | 2,342 | 289.33 | 10,127 | |
| X-RAY WELDS | 4 | EA | | | | | 102.82 | 411 | | | | | | 102.82 | 411 | |
| WELDS @ TANK #4&5 | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 16 | EA | 1.5 | 24 | 48.35 | 1,161 | | | | | | 21.82 | 349 | 94.35 | 1,510 | |
| RE-WELD WELDS | 10 | EA | 4.6 | 46 | 48.35 | 2,224 | | | | | | 86.90 | 669 | 289.33 | 2,893 | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | |
| WELDS @ TANK #3,8,11&14 | | | | | | | | | | | | | | | | |
| CUT OUT 3" DIA. WELDS | 14 | EA | 1.1 | 15 | 48.35 | 745 | | | | | | 18.00 | 224 | 69.19 | 969 | |
| RE-WELD WELDS | 10 | EA | 3.6 | 36 | 48.35 | 1,741 | | | | | | 52.36 | 524 | 226.44 | 2,264 | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | |
| TOTALS | | | | 414 | | 20,000 | | 720 | | | | | 6,015 | | 26,735 | |

TEI CCR No.10

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30
 EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

SUMMARY
 MECHANICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP SETTINGS | | | | | | |
| WORKING CONDIT., FACTOR | 1.00000 | | NA | NA | 1.00000 | |
| SUBTOTALS | | | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | | NA | NA | 1.08000 | |
| SUBTOTALS | | | NA | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | | 1.00000 | NA | 1.00000 | |
| SUBTOTALS | | | 1.00000 | NA | 1.00000 | |
| HOME OFFICE COSTS | 1.02000 | | 1.18800 | NA | 1.18800 | |
| SUBTOTALS | | | 1.18800 | NA | 1.18800 | |
| SUB-CONTR. PROFIT | 1.10000 | | 1.21176 | NA | 1.21176 | |
| SUBTOTALS | | | 1.21176 | NA | 1.21176 | |
| BOND | 1.23420 | | 1.33294 | NA | 1.33294 | |
| SUBTOTALS | | | 1.33294 | NA | 1.33294 | |
| ESCALATION | 1.01500 | | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | | 1.01500 | 1.01500 | 1.01500 | |
| CONTINGENCY | 1.00000 | | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | | 1.35293 | 1.00000 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.25274 | | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | 1.00000 | | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #10 – Relocation of Filter Separators

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 10 Rev. A dated November 11, 2005 as proposed at \$163,000.00 and 21 days additional time. By earlier correspondence dated November 1, 2005, the Contractor was granted 21 additional days for this CCR. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$26,735.00.

We propose to settle this matter at a cost of \$26,735.00 as fair and equitable payment for the services provided under CCR No. 10. As already noted, an additional 21 days has already been granted. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 10

PROJECT CLIENT: ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT # 34310-3.30

ESTIMATE DETAIL
 MECHANICAL
 COSTS BELOW ARE MARKED UP (SEE SETTINGS PAGE)

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

| DESCRIPTION | QTY. | UNIT | LABOR | | | MATERIAL | | | SUBCONTRACT | | | EQUIPMENT RENT | | | UNIT COST | TOTAL COST |
|---------------------------------------|------|------|-------|-----|------------|----------|--------|-----|-------------|---|----|----------------|-------|--------|-----------|------------|
| | | | U | MH | RATE \$/HR | T/L COST | U | MH | T/L COST | U | MH | T/L COST | U | MH | | |
| CONSTRUCTION CHANGE ORDER- 070 REV A | | | | | | | | | | | | | | | | |
| WELDS @ TANK #1 | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 10 | EA | 1.5 | 15 | 48.35 | 725 | | | | | | 21.82 | 218 | 94.35 | 943 | |
| RE-WELD WELDS | 7 | EA | 4.6 | 32 | 48.35 | 1,557 | | | | | | 66.90 | 468 | 289.33 | 2,025 | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | |
| WELDS @ TANK #2, 8, 7, 9, 10, 12 & 13 | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 66 | EA | 1.5 | 84 | 48.35 | 4,082 | | | | | | 21.82 | 1,222 | 94.35 | 5,283 | |
| RE-WELD WELDS | 35 | EA | 4.6 | 161 | 48.35 | 7,785 | | | | | | 66.90 | 2,342 | 289.33 | 10,127 | |
| X-RAY WELDS | 4 | EA | | | | | 102.82 | 411 | | | | | | 102.82 | 411 | |
| WELDS @ TANK #4 & 5 | | | | | | | | | | | | | | | | |
| CUT OUT 4" DIA. WELDS | 16 | EA | 1.5 | 24 | 48.35 | 1,161 | | | | | | 21.82 | 349 | 94.35 | 1,510 | |
| RE-WELD WELDS | 10 | EA | 4.6 | 46 | 48.35 | 2,224 | | | | | | 66.90 | 669 | 289.33 | 2,893 | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | |
| WELDS @ TANK #3 & 11 & 14 | | | | | | | | | | | | | | | | |
| CUT OUT 3" DIA. WELDS | 14 | EA | 1.1 | 15 | 48.35 | 745 | | | | | | 18.00 | 224 | 89.19 | 969 | |
| RE-WELD WELDS | 10 | EA | 3.8 | 36 | 48.35 | 1,741 | | | | | | 52.38 | 524 | 226.44 | 2,264 | |
| X-RAY WELDS | 1 | EA | | | | | 102.82 | 103 | | | | | | 102.82 | 103 | |
| TOTALS | | | | 414 | | 20,000 | | 720 | | | | | 6,016 | | 26,735 | |

TEI CCR No.10

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30

SUMMARY

EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM GIBSON

MECHANICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|----------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARK-UP-SETTINGS: | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.10000 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.22000 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR. PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.33284 | NA | 1.33284 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CIP SUBTOTAL MARKUP MULTIPLIERS: | | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. O & P ON S/C WORK | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| TOTAL MARKUP MULTIPLIERS | 1.00000 | 1.25274 | 1.35293 | 1.01500 | 1.35293 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #12 – Conduit for Overfill

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 12, Rev. A., dated November 11, 2005 as proposed at \$8,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$2,928.00.

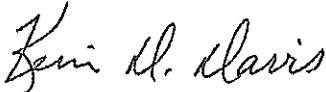
We propose to settle this matter at a cost of \$2,928.00 and 0 time as fair and equitable payment for the services provided under CCR No. 12. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 12

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30
 EST LEVEL: C.O.
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM NORRIS

SUMMARY

ELECTRICAL

| DESCRIPTION | MARK-UP SETTINGS | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------------|------------|---------------|-------------|---------------------|------------|
| | MH | LABOR COST | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.18000 | 1.18000 | NA | 1.18000 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.21176 | 1.21176 | NA | 1.21176 | |
| SUB-CONTR.: PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.23420 | 1.23420 | NA | 1.23420 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35293 | 1.01500 | 1.35293 | |
| G. C. & P. ON S/C WORK | 1.15000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | | 1.44062 | 1.55587 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS :

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.
 "SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.
 "FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.
 "HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #12 – Conduit for Overfill

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 12, Rev. A., dated November 11, 2005 as proposed at \$8,000.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that this work has been performed. The Contractor has not provided adequate documentation to support the cost requested. Specifically, copies of invoices for all materials indicated and certified payrolls documenting labor costs have not been provided.

We have had the value of the work estimated by Burns & McDonnell, who are experts in estimation of construction costs for fuel farm facilities. A copy of this estimate is attached. We believe the fair cost for the work under this CCR is \$2,928.00.

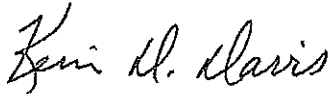
We propose to settle this matter at a cost of \$2,928.00 and 0 time as fair and equitable payment for the services provided under CCR No. 12. We appreciate that the Contractor has performed this work. We propose that the Contractor's acceptance of this proposal with subsequent payment is without prejudice to the Contractor's right to seek claim to additional monies to which he feels he is entitled under this CCR.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Attachment: Engineer's Estimate (2 pages)

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal

TEI CCR No. 12

PROJECT CLIENT ADDISON TEXAS
 PROJECT DESC: FUEL FACILITY
 PROJECT #: 34310-3.30
 ESTIMATE DUE DATE: 11/29/2005
 ESTIMATOR: JIM MORRIS

SUMMARY
 ELECTRICAL

| DESCRIPTION | LABOR COST | | MATERIAL COST | SUBCON COST | EQUIPMENT RENT COST | TOTAL COST |
|---------------------------------|------------|---------|---------------|-------------|---------------------|------------|
| | MH | COST | | | | |
| MARKUP SETTINGS | | | | | | |
| WORKING CONDIT. FACTOR | 1.00000 | NA | NA | NA | 1.00000 | |
| SUBTOTALS | | NA | NA | NA | 1.00000 | |
| SALES TAX | 1.08000 | NA | 1.08000 | NA | 1.08000 | |
| SUBTOTALS | | NA | 1.08000 | NA | 1.08000 | |
| FIELD OVERHEAD | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.18800 | 1.18800 | NA | 1.18800 | |
| HOME OFFICE COSTS | 1.02000 | 1.02000 | 1.02000 | NA | 1.02000 | |
| SUBTOTALS | | 1.12200 | 1.12176 | NA | 1.02000 | |
| SUB-CONTR: PROFIT | 1.10000 | 1.10000 | 1.10000 | NA | 1.10000 | |
| SUBTOTALS | | 1.28420 | 1.33294 | NA | 1.33294 | |
| BOND | 1.01500 | 1.01500 | 1.01500 | 1.01500 | 1.01500 | |
| SUBTOTALS | | 1.25271 | 1.35238 | 1.01500 | 1.35238 | |
| ESCALATION | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| SUBTOTALS | | 1.25271 | 1.35238 | 1.01500 | 1.35238 | |
| CONTINGENCY | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |
| CTP-SUBTOTAL MARKUP MULTIPLIERS | | 1.25271 | 1.35238 | 1.01500 | 1.35238 | |
| G. C. O & P ON'S/C WORK | 1.15000 | 1.15000 | 1.15000 | 1.15000 | 1.15000 | |
| TOTAL MARKUP MULTIPLIERS | 1.00600 | 1.44062 | 1.55587 | 1.16725 | 1.55587 | |

INFORMATION ABOUT THE MARKUPS:

"WORKING CONDITIONS FACTOR" = ADJUSTMENT FACTOR FOR UNUSUALLY DIFFICULT WORK ENVIRONMENT SUCH AS CONGESTED/CLOSE QUARTERS, HIGH ALTITUDE WORK LOCATIONS, POOR PRODUCTIVITY HISTORY, OWNER OCCUPATION OF FACILITY WHILE WORK IS IN PROGRESS, ETC.

"SALES TAX" = USUALLY APPLIED ONLY TO MATERIAL AND EQUIPMENT COSTS. INCLUDES CITY, COUNTY AND STATE SALES TAX FOR THE PROJECT LOCATION.

"FIELD OVERHEAD" = INCLUDES SUPERVISION, TEMPORARY UTILITIES/FACILITIES, SMALL TOOLS AND CONSUMABLES, TRUCKS, TRAILERS, ETC., MOBILIZATION AND GENERAL CONDITIONS ITEMS. THE PERCENTAGE USED IS APPLIED ACROSS THE BOARD ON LABOR, MATERIAL AND EQUIPMENT.

"HOME OFFICE COSTS" = INCLUDES ESTIMATING, PURCHASING, AND OTHER ADMINISTRATIVE COSTS.



Washington Group International
 Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
 2111 Dickson Drive, Suite 10
 Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
 Bulk Fuel Storage and Dispensing System
 TEI CCR #8 – Live Oak Substitution for Landscaping
 TEI CCR #19 – Add 17 Nellie R. Stevens Bushes

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 08 dated September 28, 2005 and CCR No. 19 dated January 23, 2006. We concur that there is a credit due for CCR No. 8 and an entitlement for CCR No. 19 resulting in a net entitlement to the Contractor when the two listed CCRs are combined. We believe the calculations of the credit and cost of the CCRs contained minor errors and propose the following:

Per Texas Environmental Management-SA Invoice No. 15728:

Cost of Nellie R. Stevens \$485.00 per unit.
 Cost of Red Oak \$625.00 per unit.

Using the above figures the Change Orders should be as follow:

| | | |
|---------------------|--------------------------------|-----------------|
| Change Order No. 8: | Remove 28 Nellie R. Stevens | \$(13,580.00) |
| | Add 14 Red Oaks | <u>8,750.00</u> |
| | Credit | (4,830.00) |
| | Deduct 15% mark up by THIELSCH | <u>(724.50)</u> |
| | Total credit | (\$5,554.50) |
| Change Order No. 19 | Add 17 Nellie R. Stevens | \$8,245.00 |
| | Add 15% mark up by THIELSCH | <u>1,236.75</u> |
| | Total entitlement | +\$9,481.75 |

Net proposed total due to THIELSCH between the two Change Orders: \$3,927.25
 We find that this net cost is reasonable and propose to settle these two CCRs for \$3,927.25, (-\$5,554.50 for CCR 08 and +\$9,481.75 for CCR 19), and 0 additional time. This proposal corrects and supersedes our acceptance of CCR No. 8 as presented in our letter dated September 30, 2005. Upon your acceptance of this proposal, by signing below, we will move forward to issue of an "official" change order and subsequent

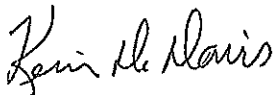
payment to you for the work under CCRs No. 8 and 19 at a final cost of \$3,927.25 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
 Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
 2111 Dickson Drive, Suite 10
 Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
 Bulk Fuel Storage and Dispensing System
 TEI CCR #8 – Live Oak Substitution for Landscaping
 TEI CCR #19 – Add 17 Nellie R. Stevens Bushes

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 08 dated September 28, 2005 and CCR No. 19 dated January 23, 2006. We concur that there is a credit due for CCR No. 8 and an entitlement for CCR No. 19 resulting in a net entitlement to the Contractor when the two listed CCRs are combined. We believe the calculations of the credit and cost of the CCRs contained minor errors and propose the following:

Per Texas Environmental Management-SA Invoice No. 15728:

Cost of Nellie R. Stevens \$485.00 per unit.
 Cost of Red Oak \$625.00 per unit.

Using the above figures the Change Orders should be as follow:

| | | |
|---------------------|--------------------------------|-----------------|
| Change Order No. 8: | Remove 28 Nellie R. Stevens | \$(13,580.00) |
| | Add 14 Red Oaks | <u>8,750.00</u> |
| | Credit | (4,830.00) |
| | Deduct 15% mark up by THIELSCH | <u>(724.50)</u> |
| | Total credit | (\$5,554.50) |
| | | |
| Change Order No. 19 | Add 17 Nellie R. Stevens | \$8,245.00 |
| | Add 15% mark up by THIELSCH | <u>1,236.75</u> |
| | Total entitlement | +\$9,481.75 |

Net proposed total due to THIELSCH between the two Change Orders: \$3,927.25
 We find that this net cost is reasonable and propose to settle these two CCRs for \$3,927.25, (-\$5,554.50 for CCR 08 and +\$9,481.75 for CCR 19), and 0 additional time. This proposal corrects and supersedes our acceptance of CCR No. 8 as presented in our letter dated September 30, 2005. Upon your acceptance of this proposal, by signing below, we will move forward to issue of an "official" change order and subsequent

payment to you for the work under CCRs No. 8 and 19 at a final cost of \$3,927.25 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #20 – Relocate Bollards

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 20, dated January 23, 2006 as proposed at \$4,560.00 and 0 additional time. We do not concur that there is entitlement for the work under this CCR. While the plans do not indicate the spacing of the bollards, the Contractor had the responsibility to verify the spacing prior to the initial installation:

General Provisions, Item 1.20.3, Errors and Corrections in Drawings and Specifications:

The CONTRACTOR shall not take advantage of any apparent errors, omissions or discrepancies in the drawings or specifications; and the Engineer shall be permitted to make such corrections or interpretations as may be necessary for the fulfillment of the intent of the contract documents. In case of any errors, omissions or discrepancies in the drawings or specifications, the CONTRACTOR shall promptly submit the matter to the OWNER who, in turn, shall promptly make a determination and issue necessary instructions in writing. Any adjustment by the CONTRACTOR without this determination and instructions shall be at the CONTRACTOR's own risk and expense. The work is to be made complete as intended by the contract documents.

Further, two of the bollards indicated on the plans were deleted and have not been installed. A credit for the two bollards is due to the Town of Addison however; we propose to settle this matter by waiving the credit demand and granting no payment or additional time for work under CCR No. 20.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #20 -- Relocate Bollards

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 20, dated January 23, 2006 as proposed at \$4,560.00 and 0 additional time. We do not concur that there is entitlement for the work under this CCR. While the plans do not indicate the spacing of the bollards, the Contractor had the responsibility to verify the spacing prior to the initial installation:

General Provisions, Item 1.20.3, Errors and Corrections in Drawings and Specifications:

The CONTRACTOR shall not take advantage of any apparent errors, omissions or discrepancies in the drawings or specifications; and the Engineer shall be permitted to make such corrections or interpretations as may be necessary for the fulfillment of the intent of the contract documents. In case of any errors, omissions or discrepancies in the drawings or specifications, the CONTRACTOR shall promptly submit the matter to the OWNER who, in turn, shall promptly make a determination and issue necessary instructions in writing. Any adjustment by the CONTRACTOR without this determination and instructions shall be at the CONTRACTOR's own risk and expense. The work is to be made complete as intended by the contract documents.

Further, two of the bollards indicated on the plans were deleted and have not been installed. A credit for the two bollards is due to the Town of Addison however; we propose to settle this matter by waiving the credit demand and granting no payment or additional time for work under CCR No. 20.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #22 – Pot-holing for Drain Line

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 22, dated January 23, 2006 as proposed at \$28,490.00 and 4 days additional time. We do not concur that there is entitlement for the work performed under this CCR. This effort was a direct result of the oil/water separator grade issue that was denied under CCR No. 9 by our letter dated September 30, 2005.

A review by our engineers of the as-built survey data provided by Thielsch indicates that the oil/water separator was not set with the outfall conforming to the design plans and shop drawings. Had the tank been set level as designed, the storm sewer connection would work as planned with no modification or need for additional piping.

The pot-holing performed under this CCR was done as part of an attempt by the Contractor to solve the oil/water separator grade issue that was caused by the installation of the system below plan grade. We do acknowledge that a damaged sewer line was encountered and repaired during the pot-holing. We agree to pay \$1,500.00 for this service.

We propose to settle this matter at a cost of \$1,500.00 and 0 time as fair and equitable payment for the services provided under CCR No. 22.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison



Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc. Nancy Cline
Lisa Pyles
Luis Elguezabal



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June 5, 2006

ADS-2396

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2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
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Kevin D. Davis, P.E.
Project Engineer

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Luis Elguezabal



Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #26 – Sampling Connections on Water Draw Off Pumps

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 026, Rev. B, dated February 2, 2006 as proposed at \$3,410.00 and 0 additional time. This letter is to acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 4 at a final cost of \$3,410.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

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Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

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Washington Group International
Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
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Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #27 - Dialer w/ Voice Communication to Fire Department

Dear Mr. Normandeau:

We have reviewed your proposal for Change Request (CCR) No. 27, dated January 25, 2006 as proposed at \$3,620.00 and 0 additional time. We concur that there is entitlement for the work under this CCR and that the proposed cost is reasonable. TEI was approved to proceed with work under this CCR by email from Tom Cobb of WGI, dated January 25, 2006. This letter is to formally acknowledge our acceptance of your proposal. We are moving forward to issue of an "official" change order and subsequent payment to you for the work under CCR No. 27 at a final cost of \$3,620.00 and 0 additional time.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
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Kevin D. Davis, P.E.
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Mark Acevedo
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June 5, 2006

ADS-2396

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2111 Dickson Drive, Suite 10
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Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

Subject: Addison Airport
Bulk Fuel Storage and Dispensing System
TEI CCR #28- Additional Time - Ribbon Cutting Ceremony

Dear Mr. Normandeau:

We are initiating Change Request (CCR) No. 28 to address the agreed upon additional time granted to accommodate the ribbon cutting ceremony. This is a no cost change order. This letter confirms that a total of zero dollars and eight (8) additional days are granted to the contract completion time under CCR No. 28 as herein defined.

Please acknowledge your acceptance of this proposal by signing below and returning to the Town of Addison, ATTN: Mark Acevedo, Director. Please make a copy for your records.

Proposal Accepted by: _____ Date _____
Thielsch Engineering, Inc.

Very Truly Yours,
Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
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Washington Group International

Integrated Engineering, Construction, and Management Solutions

June 5, 2006

ADS-2396

Thielsch Engineering
2111 Dickson Drive, Suite 10
Austin, TX 78704

Attn: Rick Normandeau

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Bulk Fuel Storage and Dispensing System
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Washington Group International

Town of Addison

Kevin D. Davis, P.E.
Project Engineer

Mark Acevedo
Director

Cc: Nancy Cline
Lisa Pyles
Luis Elguezabal

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.

CONSULTING ENGINEERS

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

MEMORANDUM

To: Ms. Nancy Cline, P.E.
From: John Birkhoff, P.E.
Date: June 9, 2006
Subject: Fuel Depot Preliminary Punch List

1. Handrail on small tanks at end of tank on discharge side need to have 90-degree connectors not tees. This will match the larger tank.
2. Asphalt around wood post along entrance road and water/oil separator needs to be mechanically compacted. One corner post is not vertical.
3. Cracks in reinforced concrete in containment area and roadway need to be routed and sealed.
4. Reinforced concrete slabs on roadway that have three or more cracks need to be removed and replaced.
5. Reinforced concrete at inlets (sidewalks) need to be removed and replaced. Corners have broken off in each case.
6. The reinforced curb located on the north and west sides for the fuel dump near the inlet has a punch out. This area needs to be cut out and replaced.
7. Spalling is occurring on the side walk on the west side around one of the columns. This area needs to be repaired. A repair method should be provide for Town acceptance.
8. Cracks in the fire proofing need to be repaired.
9. Patches in the fire proofing do not match surrounding texture or color.
10. Bond breakers are needed at all connections between dissimilar metals. Example is between cast aluminum and steel nuts and bolts and between stainless steel bolts and galvanized ladders to mention two locations.
11. Stainless steel fitting need to be properly clean to remove corrosion. It appears carbon steel products or tools were used to clean and now corrosion is occurring.
12. Label on face of pressure gauges need to be removed.
13. Tank 4 suction side the filler hose galvanized holder needs to be replaced. End was welded on and rusting on underside. Painting is not acceptable.
14. Bolt threads and nuts on columns of canopy need to have fire proofing splatter removed.
15. On tank 4 discharge side the pressure gauge needs to be oriented to the west to match all other gauges.
16. Ends of galvanized angle have not all be coated.
17. Town requests the repair method and structural design memo on repairs made at the base of each vertical column of the canopy.
18. Touch up painting is required on damaged coatings.
19. Painting is required on the face of steel flanges that do not have gaskets. The bolt threads in this confined area also need to be coated.
20. Steel bolts and nuts on unpainted equipment need to be coated.
21. The underside of piping and fitting need to be coated.
22. The bottom of flanged connection to not have the bolts, thread and nuts fully coated. The painter using an inspection mirror can easily identify these areas.

23. Pump and motor need to be aligned as excessive vibration was observed in the pumps that ran on June 8, 2006.
24. Power to the control valves (Cla-Val) solenoids are required. Once power is obtained the valve controls will need to be adjusted to obtain optimum operating point on the pumps.
25. Rungs on vertical ladder do not meet OSHA requirements of being corrugated, knawled or dimpled.



Washington Group International

Integrated Engineering, Construction, and Management Solutions

Airport Services

SUMMARY OF PAYMENTS TO CONTRACTOR

Addison Airport Bulk Fuel Storage and Dispensing System

Addison, Texas

Project No.: WGI-ADS 27514

WGI PROJ. NO.: ADS-2396

SPONSOR NAME:

Town of Addison, Texas; 5350 Bellline Road; Addison, Texas 75001

CONTRACTOR'S NAME AND ADDRESS:

Thielsch Engineering, Inc.; 195 Frances Avenue; Cranston, RI 02910

| Est. # | Gross Amount (TTD) | Amount Retained | Net Amount (TTD) | Amount (This Estimate) | Estimated Liquidated Damages | Adjusted Amount (This Estimate) |
|-----------|--------------------|-----------------|------------------|------------------------|------------------------------|---------------------------------|
| 1 | 505,050.00 | 0.00 | 505,050.00 | 505,050.00 | 0.00 | 505,050.00 |
| 2 | 1,981,400.00 | 0.00 | 1,981,400.00 | 1,476,350.00 | 0.00 | 1,476,350.00 |
| 3 | 2,331,050.00 | 0.00 | 2,331,050.00 | 349,650.00 | 0.00 | 349,650.00 |
| 4 | 2,836,050.00 | 0.00 | 2,836,050.00 | 505,000.00 | 0.00 | 505,000.00 |
| 5 | 3,108,000.00 | 0.00 | 3,108,000.00 | 271,950.00 | 0.00 | 271,950.00 |
| 6 | 3,613,050.00 | 155,400.00 | 3,457,650.00 | 349,650.00 | 0.00 | 349,650.00 |
| 7 (Draft) | 3,855,185.85 | 192,759.29 | 3,662,426.56 | 204,776.56 | 339,000.00 | -134,223.44 |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |

6/8/05
7/12/05
8/26/05
8/26/05
10/10/05
1/31/06

TOTAL

Summary Computed By: Kevin Davis

Date: 3/28/2006

Checked By: _____

Date: _____



Washington Group International
Integrated Engineering, Construction, and Management Solutions

Airport Services

PERIODIC COST ESTIMATE No. 7 (SEVEN)

Addison Airport Bulk Fuel Storage and Dispensing System
ADDISON, TEXAS

PROJECT NO: WGI-ADS-27514

SPONSOR NAME:
Town of Addison, Texas: 5330 Beltline Road; Addison, Texas 75001

CONTRACTOR'S NAME AND ADDRESS:
Thielsch Engineering, Inc.; 195 Frances Avenue; Cranston, RI 02910

WGI PROJ. NO.: ADS-2396

PAGE :

ESTIMATE NUMBER: 7 (SEVEN)

TEL REQUEST DATE:

% COMPLETE: 99%

Draft

| Division | Description | ORIGINAL ESTIMATE | | | TOTAL THIS PERIOD | | | PREVIOUS TOTAL | | | TOTAL TO DATE | | |
|----------|-------------------------|-------------------|-------|-----------------|-------------------|--------------|----------|----------------|----------|----------------|---------------|------------|---|
| | | Quantity | Units | Unit Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % |
| 1.00 | General Conditions | 1 | L.S. | \$ 300,000.00 | 13.00% | \$30,000.00 | 80.00% | \$270,000.00 | 93.00% | \$279,000.00 | 93% | | |
| 2.00 | Site Construction | 1 | L.S. | \$ 275,000.00 | 13.00% | \$27,500.00 | 80.00% | \$220,000.00 | 93.00% | \$255,750.00 | 93% | | |
| 3.00 | Concrete | 1 | L.S. | \$ 235,000.00 | 13.00% | \$30,550.00 | 80.00% | \$188,000.00 | 93.00% | \$218,550.00 | 93% | | |
| 5.00 | Metals | 1 | L.S. | \$ 1,150,000.00 | 13.00% | \$149,500.00 | 80.00% | \$920,000.00 | 93.00% | \$1,069,500.00 | 93% | | |
| 7.00 | Thermal Protection | 1 | L.S. | \$ 75,000.00 | 13.00% | \$9,750.00 | 80.00% | \$60,000.00 | 93.00% | \$69,750.00 | 93% | | |
| 10.00 | Specialties | 1 | L.S. | \$ 100,000.00 | 13.00% | \$13,000.00 | 80.00% | \$80,000.00 | 93.00% | \$93,000.00 | 93% | | |
| 13.00 | Special Construction | 1 | L.S. | \$ 530,000.00 | 13.00% | \$71,150.00 | 80.00% | \$440,000.00 | 93.00% | \$511,500.00 | 93% | | |
| 13.00a | Stretched Fabric Canopy | 1 | L.S. | \$ 125,000.00 | 13.00% | \$16,250.00 | 80.00% | \$100,000.00 | 93.00% | \$116,250.00 | 93% | | |
| 15.00 | Mechanical | 1 | L.S. | \$ 125,000.00 | 13.00% | \$16,250.00 | 80.00% | \$100,000.00 | 93.00% | \$116,250.00 | 93% | | |
| 16.00 | Electrical | 1 | L.S. | \$ 950,000.00 | 13.00% | \$123,500.00 | 80.00% | \$760,000.00 | 93.00% | \$883,500.00 | 93% | | |
| TOTAL | | | | \$3,885,000.00 | | \$505,050.00 | | \$3,108,000.00 | | \$3,613,050.00 | 93% | | |

Contract Change Requests (CCRs) Resolved

| Change Order No. | Description | CCR # | ORIGINAL ESTIMATE | | | TOTAL THIS PERIOD | | | PREVIOUS TOTAL | | | TOTAL TO DATE | | |
|------------------|---|-------|-------------------|-------|---------------|-------------------|-------------|----------|----------------|----------|-------------|---------------|------------|---|
| | | | Quantity | Units | Unit Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % |
| 4 | Add Air Eliminator Optical Sensor | 4 | 1 | L.S. | \$ 34,200.00 | 100.00% | \$34,200.00 | 0.00% | \$0.00 | 100.00% | \$34,200.00 | 100% | | |
| 5 | George Haddaway Dr. Excavation | 5 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 8 | Delete Live Oak Trees | 8 | 1 | L.S. | \$ (5,554.50) | 100.00% | -\$5,554.50 | 0.00% | \$0.00 | 100.00% | -\$5,554.50 | 100% | | |
| 8b | Add 17 Nellie R. Stevens Bushes | 19 | 1 | L.S. | \$ 9,481.75 | 100.00% | \$9,481.75 | 0.00% | \$0.00 | 100.00% | \$9,481.75 | 100% | | |
| 11 | Add 5 Static Grounding Reels | 11 | 1 | L.S. | \$ 5,700.00 | 100.00% | \$5,700.00 | 0.00% | \$0.00 | 100.00% | \$5,700.00 | 100% | | |
| 15 | Airport Property Signage (Credit) | 15 | 1 | L.S. | \$ (700.00) | 100.00% | -\$700.00 | 0.00% | \$0.00 | 100.00% | -\$700.00 | 100% | | |
| 17 | Paint Stripping Reconfiguration (Credit) | 17 | 1 | L.S. | \$ (250.00) | 100.00% | -\$250.00 | 0.00% | \$0.00 | 100.00% | -\$250.00 | 100% | | |
| 18 | Add 4 Fire Detectors | 18 | 1 | L.S. | \$ 20,410.00 | 100.00% | \$20,410.00 | 0.00% | \$0.00 | 100.00% | \$20,410.00 | 100% | | |
| 19 | See CCR 8 & 19 Above | 19 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| 26 | Sampling Connections for Water Draw Off Pumps | 26 | 1 | L.S. | \$ 3,410.00 | 100.00% | \$3,410.00 | 0.00% | \$0.00 | 100.00% | \$3,410.00 | 100% | | |
| 27 | Dialer with Voice Communication to Fire Department | 27 | 1 | L.S. | \$ 3,620.00 | 100.00% | \$3,620.00 | 0.00% | \$0.00 | 100.00% | \$3,620.00 | 100% | | |
| 28 | Ribbon Cutting Ceremony Time Delay (No Cost Change) | 28 | 1 | L.S. | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! | | |
| TOTAL | | | | | \$70,317.25 | | \$70,317.25 | | \$0.00 | | \$70,317.25 | | | |



Draft

Contract Change Requests (CCRs) In Dispute

| Change Order No. | Description | CCR# | ORIGINAL ESTIMATE | | TOTAL THIS PERIOD | | PREVIOUS TOTAL | | TOTAL TO DATE | | |
|------------------|---|------|-------------------|---------------|-------------------|--------------|----------------|------------|---------------|--------------|---------|
| | | | Quantity | Unit Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % |
| 1 | Add Relaxation Chambers | 1 | 1 | \$ 118,598.00 | 100.00% | \$118,598.00 | 0.00% | \$0.00 | 100.00% | \$118,598.00 | 100% |
| 2 | Contractor's Most Recent Est=\$131,000.00 Fence Height and Post Modification | 2 | 1 | \$ 326.60 | 100.00% | \$326.60 | 0.00% | \$0.00 | 100.00% | \$326.60 | 100% |
| 3 | Contractor's Most Recent Est=\$19,500 Conduit for Pre-Set Valves | 3 | 1 | \$ 16,749.00 | 100.00% | \$16,749.00 | 0.00% | \$0.00 | 100.00% | \$16,749.00 | 100% |
| 6 | Contractor's Most Recent Est=\$46,000 Change Water Draw Off Pumps | 6 | 1 | \$ (2,928.00) | 100.00% | -\$2,928.00 | 0.00% | \$0.00 | 100.00% | -\$2,928.00 | 100% |
| 7 | Contractor's Most Recent Est=\$5,000 Add Conduit Under Tanks | 7 | 1 | \$ 7,910.00 | 100.00% | \$7,910.00 | 0.00% | \$0.00 | 100.00% | \$7,910.00 | 100% |
| 10 | Contractor's Most Recent Est=\$19,300 Relocation of Filter Separators | 10 | 1 | \$ 26,735.00 | 100.00% | \$26,735.00 | 0.00% | \$0.00 | 100.00% | \$26,735.00 | 100% |
| 12 | Contractor's Most Recent Est=\$163,000 Conduit for Pre-Set Valves | 12 | 1 | \$ 2,928.00 | 100.00% | \$2,928.00 | 0.00% | \$0.00 | 100.00% | \$2,928.00 | 100% |
| 16 | Contractor's Most Recent Est=\$8,000 Conduit Overfill | 16 | 1 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! |
| 22 | Contractor's Most Recent Est=\$30,000 Potholing for Drainline | 22 | 1 | \$1,500.00 | 100.00% | \$1,500.00 | 0.00% | \$0.00 | 100.00% | \$1,500.00 | 100% |
| TOTAL | Contractor Est at \$394,800. Amount in Dispute = | | \$222,981.40 | \$171,818.60 | | \$171,818.60 | | \$0.00 | | \$171,818.60 | |

Contract Change Requests (CCRs) Denied

| Change Order No. | Description | CCR# | ORIGINAL ESTIMATE | | TOTAL THIS PERIOD | | PREVIOUS TOTAL | | TOTAL TO DATE | | |
|------------------|--|------|-------------------|-----------|-------------------|------------|----------------|------------|---------------|------------|---------|
| | | | Quantity | Unit Cost | Quantity | Total Cost | Quantity | Total Cost | Quantity | Total Cost | % |
| 9 | Oil Water Separation \$36,300 | 9 | 1 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! |
| 20 | Proper Locating of Bollards \$4,560 | 20 | 1 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! |
| 21 | Rework Floating Suction Pumps \$46,250 | 21 | 1 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! |
| 23 | Fill Line High Level Cutoff \$25,000 | 23 | 1 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! |
| 24 | Vent Line Supports \$13,700 | 24 | 1 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! |
| 25 | Reroute Vacuum Lines to Trucks \$5,000 | 25 | 1 | \$0.00 | 100.00% | \$0.00 | 0.00% | \$0.00 | 100.00% | \$0.00 | #DIV/0! |
| TOTAL | Appx. Cost of Denied CCRs = \$128,810 | | | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 | |

Thielsch Engineering - Fuel Farm Project

| Contract Amount | Contract Amount | Inv. Amount | Amount Paid | Retainage | Balance |
|----------------------|-----------------|-------------|--------------|--------------|--------------|
| 5/31/2005 | 6/8/2005 | 57225 | 505,050.00 | 505,050.00 | 3,885,000.00 |
| 6/23/2005 | 7/12/2005 | 57506 | 1,476,350.00 | 1,476,350.00 | 3,379,950.00 |
| 7/21/2005 | 8/26/2005 | 57866 | 349,650.00 | 349,650.00 | 1,903,600.00 |
| 8/24/2005 | 8/26/2005 | 58208 | 505,000.00 | 505,000.00 | 1,553,950.00 |
| 9/24/2005 | 10/10/2005 | 58556 | 271,950.00 | 271,950.00 | 1,048,950.00 |
| 11/16/2005 | 1/31/2006 | 59359 | 349,650.00 | 155,400.00 | 777,000.00 |
| Change Orders | | | | | |
| 11/22/2005 | -- | CO 59482 | 422,045.00 | - | 422,045.00 |

3,457,650

3,855,185.85
 3,457,650.00
397,535.85 BAL OWED

Dec 1 2005 to
 March 17, 2006
 107 Days X \$3000 paid
 = \$321,000
DISINCENTIVE

Exhibit A to CCR 30

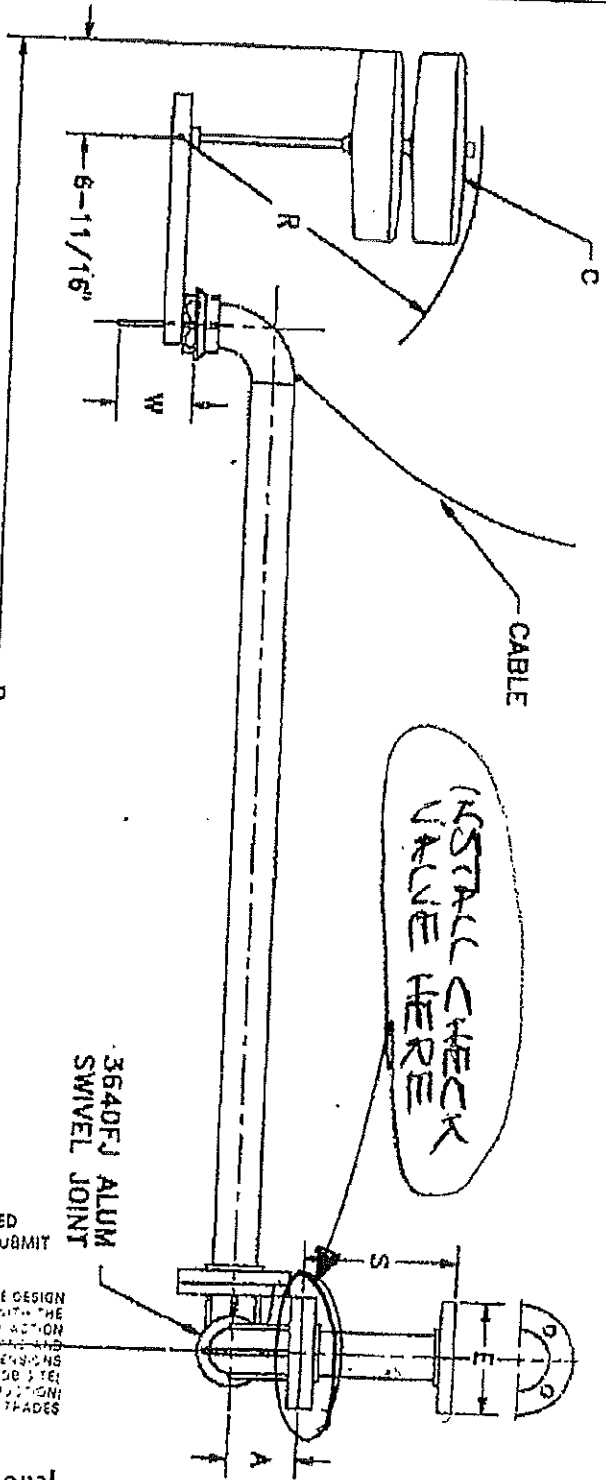
MATERIAL:
ALUMINIUM



Engineered Systems

ISO 9001 CERTIFIED

784V FLOATING SUCTION ASSEMBLY



| SIZE | 2" | 3" | 4" | 6" |
|---------------|----------|----------|----------|----------|
| A | 5-1/2" | 5" | 6-1/16" | 7-3/4" |
| C (FLOATS) | 1 | 2 | 2 | 4 |
| D | 121-1/4" | 121-1/4" | 121-1/4" | 120-1/8" |
| E | 6" | 7-1/2" | 9" | 11" |
| R | 28-1/8" | 28-1/8" | 28-1/8" | 28-1/8" |
| S | 108" | 108" | 108" | 108" |
| W | 6-1/2" | 6-1/4" | 6-1/2" | 6-3/4" |
| Ø BOLT CIRCLE | 4-3/4" | 6" | 7-1/2" | 9-1/2" |
| NO. BOLTS - Ø | (4) 5/8" | (4) 5/8" | (8) 5/8" | (8) 3/4" |

- NO EXCEPTION TAKEN
- EXCEPTION NOTED
- REJECTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE CONTRACT AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED WITH THE JOB SITE FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION. COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

Washington Group International

Date 6/27/05 By *[Signature]*

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 ✓ | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 ✓ | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 ✓ | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 ✓ | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 ✓ | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 ✓ | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 ✓ | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 ✓ | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 ✓ | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 ✓ | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 ✓ | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 ✓ | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 ✓ | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 ✓ | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$ 565,345.00 | \$ 217,470.60 | \$ 320,629.00 | |

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb.2, 2006

| C.O. No. | Description | Time Requested (Days) | Thielsch Requested Payment | Burns&Mc WGI Estimated Payment | Difference | Comments |
|---------------------------------|---|-----------------------|----------------------------|--------------------------------|----------------------|---|
| Change Orders Resolved | | | | | | |
| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (10,710.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 14 | Air conditioner for Motor Control Cabinet | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 15 | Elimination of two signs | 0 | \$ (700.00) | \$ (700.00) | \$0.00 | Approved - Credit to town |
| 16 | Conduit Overfill no. 3 | 0 | \$ - | \$ - | \$0.00 | Deleted change order |
| 17 | Pavement paint location change | 0 | \$ (250.00) | \$ (250.00) | \$0.00 | Approved - Credit to town |
| 18 | Addition of 4 fire detectors | 2 | \$ 20,410.00 | \$ 20,410.00 | \$0.00 | Approved |
| 27 | Dialer with voice communication to Fire Department | 0 | \$3,620.00 | \$3,620.00 | \$0.00 | Approved |
| | Additional Days for Ribbon Cutting | 8 | | | | Approved |
| | Total Resolved Change Orders | 10 | \$ 59,025.00 | \$ 50,759.00 | \$ (5,244.00) | |
| Change Orders Denied | | | | | | |
| 9 | Oil/Water Separator grade | 0 | \$ 36,000.00 | \$ - | \$36,000.00 | Denied, Sec. 13067-1.01-C2 |
| 19 | Add 17 Nellie R. Stevens Bushes | 0 | \$9,500.00 | \$0.00 | \$9,500.00 | C.O. 8 credit could be used to offset cost of this work |
| 20 | Relocate Bollards | 0 | \$4,560.00 | \$0.00 | \$4,560.00 | Denied, unauthorized work |
| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
| 24 | Vent Line Supports | 0 | \$7,000.00 | \$0.00 | \$7,000.00 | Denied, Sec. 13067-1.01-C2 |
| 25 | Reroute Vacuum Lines to Trucks | 0 | \$3,000.00 | \$0.00 | \$3,000.00 | Denied, Sec. 13051-3.01-Q |
| | Total Denied Change Orders | 0 | \$95,060.00 | \$0.00 | \$95,060.00 | |
| Unresolved Change Orders | | | | | | |
| 1 | Add relaxation chambers | 0 | \$131,000.00 | \$118,598.00 | \$12,402.00 | Negotiate |
| 2 | Change 10' fence to 8' fence, add top and mid rails, add larger posts and set posts on 7' centers | 0 | \$19,500.00 | \$326.60 | \$19,174.00 | Negotiate |
| 3 | Conduit for pre-set valves | 0 | \$46,000.00 | \$16,749.00 | \$29,251.00 | Negotiate |
| 6 | Change water draw off hand pumps | 0 | \$4,500.00 | (\$2,368.00) | -\$6,868.00 | Negotiate |
| 7 | Add conduit under tanks | 0 | \$19,300.00 | \$593.00 | \$18,707.00 | Negotiate |
| 10 | Relocation of filter separators | 21 | \$163,000.00 | \$26,735.00 | \$136,265.00 | Negotiate |
| 12 | Conduit overfill | 0 | \$8,000.00 | \$2,928.00 | \$5,072.00 | Negotiate |
| 22 | Pot-holing for Drain Line | 0 | \$16,000.00 | \$1,500.00 | \$14,500.00 | Negotiate |
| 26 | Sampling Connections on Water Draw Off Pumps | 0 | \$3,960.00 | \$1,650.00 | \$2,310.00 | Negotiate |
| | Total Unresolved change orders | 21 | \$411,260.00 | \$166,711.60 | \$230,813.00 | |
| | GRAND TOTAL | 31 | \$ 565,345.00 | \$ 217,470.60 | \$ 320,629.00 | |

ADDISON AIRPORT FUEL FARM PROJECT
CHANGE ORDER ASSESSMENT

Feb. 2, 2006

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| 4 | Add air eliminator optical sensor | 0 | \$34,200.00 | \$34,200.00 | \$0.00 | Approved |
| 5 | Additional Excavation on George Haddaway Drive | 0 | \$ | \$ | \$0.00 | Deleted change order |
| 8 | Live Oak Substitution for landscaping | 0 | \$ (3,955.00) | \$ (40,740.00) | -\$6,755.00 | Check math |
| 11 | Add 5 static grounding reels | 0 | \$5,700.00 | \$4,189.00 | \$1,511.00 | Need invoices for equipment |
| 13 | Drainage Pipe Headwall | 0 | \$ | \$ | \$0.00 | Deleted change order |
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| 21 | Rework Floating Suction Pumps | 0 | \$20,000.00 | \$0.00 | \$20,000.00 | Denied, Sec. 13067-1.01-C2 |
| 23 | Fill Line High Level Cutoff | 0 | \$15,000.00 | \$0.00 | \$15,000.00 | Denied, Sec. 13067-1.01-C2 |
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MARCH 587,000
NUMBERS 218,000