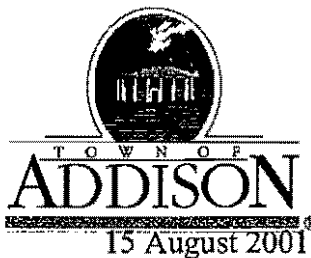


AIRPORT FUEL FARM PHASE II SOO

| REQUEST FOR SOQ's - FUEL FARM PHASE II ENVIRONMENTAL ASSESSMENT | | | | | | | |
|---|----------|--------------|-----|--------|------|------|--------|
| | | | | SCORES | | | |
| Co. Name | # Copies | Phone | Jim | Neal | Mike | Mark | Totals |
| Washington Group | 4 | 281-529-3000 | 84 | 92 | 97 | 108 | 381 |
| IT Corporation | 4 | 972-341-8300 | 82 | 100 | 104 | 95 | 381 |
| Ecology & Environment | 4 | 214-245-1000 | 87 | 83.5 | 98 | 83 | 351.5 |
| LawGibb Group | 4 | 469-828-4100 | 77 | 85.5 | 92 | 92 | 346.5 |
| Freese & Nichols, Inc. | 4 | 817-735-7300 | 66 | 86.5 | 96 | 96 | 344.5 |
| EA Engr, Sci, & Tech | 4 | 972-484-1420 | 72 | 99 | 82 | 87 | 340 |
| Ensafe, Inc. | 4 | 972-791-3222 | 87 | 88.5 | 86 | 74 | 335.5 |
| Terra-Solve | 4 | 972-267-1900 | 80 | 89 | 82 | 82 | 333 |
| LCA Environmental | 4 | 972-241-6680 | 79 | 82 | 86 | 77 | 324 |
| Atkins Benham | 4 | 817-640-6407 | 55 | 81 | 81 | 47 | 264 |

Jimmy Gibson ← 972 489-9077 cell -
Herb Fry

Paul Wild Direct → 281-529-8939¹⁻



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

Mr. Paul R. Wild, Manager
Environmental Services
Washington Group International, Inc.
P.O. Box 1281
Houston, TX 77042

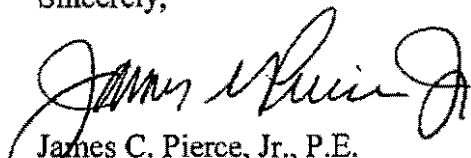
RE: AIRPORT FUEL FARM PHASE II ENVIRONMENTAL ASSESSMENT

Dear Mr. Wild:

I am pleased to announce that your firm has been selected to provide engineering services for our Airport Fuel Farm Phase II Environmental Assessment.

I will be in contact with you in the near future for a meeting to discuss a scope and fee proposal for the project.

Sincerely,


James C. Pierce, Jr., P.E.
Assistant Public Works Director

cc: Chris Terry, Assistant City Manager
Michael E. Murphy, P.E., Director of Public Works

✓ Done self
Send copies
to all plus
Mark Avedo

Mike
Mark
Neil

6-25-01

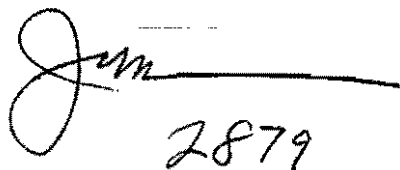
Re SOQ's for Airport Fuel Farm Phase II

Attached are 10 SOQs for the above.
Please have your scores (score sheets
attached) back to me on July 9th

I have attached one score sheet for
each submittal.

I would like to be able to declare
a winner from these submittals and
avoid interviews if possible

Thanks for your help.


2879

HP LaserJet 3200se



TOALASERJET 3200
9724502837
JUN-21-2001 16:43

Fax Call Report

| Job | Date | Time | Type | Identification | Duration | Pages | Result |
|-----|-----------|----------|------|----------------|----------|-------|--------|
| 495 | 6/21/2001 | 16:41:41 | Send | 99722671902 | 1:41 | 3 | OK |

REQUEST FOR STATEMENTS OF QUALIFICATIONS

ENVIRONMENTAL SERVICES

ADDISON AIRPORT FUEL FARM

The Town of Addison is presently accepting Statements of Qualifications from experienced Environmental Firms to provide Phase II Environmental Assessment Services at the Addison Airport Fuel Farm. The purpose of the project is to establish a "baseline" of extent of soil and ground water contamination, if any, in and around the existing operating fuel farm. The scope of the project will include, but will not necessarily be limited to investigation using push probe technology, health and safety plan, and a report with recommendations for any corrective action deemed appropriate. All work shall meet TNRC standards as the report may be submitted to the agency. Background information is available for review and familiarization at the Department of Public Works.

Addison will accept written Statements of Qualifications (SOQ) from environmental consultants until 4 p.m., June 25, 2001. Four (4) copies of the SOQ shall be submitted. The SOQ should contain a maximum number of thirty (30) single sided pages on 8 1/2" x 11" paper. The environmental firm should provide enough information to demonstrate the firm's ability to do the project. The SOQ shall designate the individuals who will be assigned to the project (Principal-in-charge, Project manager, Project Engineer, etc.) with resumes for each individual. A list of similar projects in scope and size that the firm has recently completed in the last five (5) years shall be provided. For each project a description shall be provided along with project cost, completion date, names of proposed design team members involved in the project, name of the client, contact person, and phone number for contact person.

All written Statements of Qualifications submitted shall be evaluated by the Selection Committee, which will be made up of Michael Murphy, P.E., Director of Public Works, James C. Pierce, P.E., Assistant Director of Public Works, Mark Acevedo, Buildings and Fleet Manager, and Neil Gayden, Environmental Services Manager. The review of the SOQ's will be based on the selection criteria shown on the attached page. The SOQ should specifically address each criterion for evaluation. If it is deemed necessary, the top ranking firms will be asked to meet with the Town and make oral presentations. The firm the Town deems most qualified will then present a proposal to perform the work and a fee will be negotiated. The environmental services contract will go to the City Council for approval.

| | | | |
|-------------------|----------------|---------|------------------|
| Post-Net Fax Note | 7071 | Date | 6/21/01 16:41:41 |
| To | Rick Robertson | From | Jana Pierce |
| City/State | Terra Sol | City | |
| Phone # | | Phone # | 972-450-2879 |
| Fax # | 972-267-1902 | Fax # | |

Submit
4 copies
of SOQ

REQUEST FOR STATEMENTS OF QUALIFICATIONS

ENVIRONMENTAL SERVICES

ADDISON AIRPORT FUEL FARM

The Town of Addison is presently accepting Statements of Qualifications from experienced Environmental Firms to provide Phase II Environmental Assessment Services at the Addison Airport Fuel Farm. The purpose of the project is to establish a "baseline" of extent of soil and ground water contamination, if any, in and around the existing operating fuel farm. The scope of the project will include, but will not necessarily be limited to investigation using push probe technology, health and safety plan, and a report with recommendations for any corrective action deemed appropriate. All work shall meet TNRCC standards as the report may be submitted to the agency. Background information is available for review and familiarization at the Department of Public Works.

Addison will accept written Statements of Qualifications (SOQ) from environmental consultants until 4 p.m., June 25, 2001. Four (4) copies of the SOQ shall be submitted. The SOQ should contain a maximum number of thirty (30) single sided pages on 8 1/2" x 11" paper. The environmental firm should provide enough information to demonstrate the firm's ability to do the project. The SOQ shall designate the individuals who will be assigned to the project (Principal-in-charge, Project manager, Project Engineer, etc.) with resumes for each individual. A list of similar projects in scope and size that the firm has recently completed in the last five (5) years shall be provided. For each project a description shall be provided along with project cost, completion date, names of proposed design team members involved in the project, name of the client, contact person, and phone number for contact person.

All written Statements of Qualifications submitted shall be evaluated by the Selection Committee, which will be made up of Michael Murphy, P.E., Director of Public Works, James C. Pierce, P.E., Assistant Director of Public Works, Mark Acevedo, Buildings and Fleet Manager, and Neil Gayden, Environmental Services Manager. The review of the SOQ's will be based on the selection criteria shown on the attached page. The SOQ should specifically address each criterion for evaluation. If it is deemed necessary, the top ranking firms will be asked to meet with the Town and make oral presentations. The firm the Town deems most qualified will then present a proposal to perform the work and a fee will be negotiated. The environmental services contract will go to the City Council for approval.

| | | | | | |
|-------------------|----------------|---------|--------------|------------|---|
| Post-it* Fax Note | 7671 | Date | 4/21/01 | # of pages | 3 |
| To | Rick Robertson | From | Jim Pierce | | |
| Co./Dept. | Terra Sol | Co. | | | |
| Phone # | | Phone # | 972-450-2879 | | |
| Fax # | 972-267-1902 | Fax # | | | |

Submit
4 copies
of SOQ

Interested consultants should direct questions and submit Statements of Qualifications to:

Mailing: James C. Pierce, Jr., P.E.
Assistant Public Works Director
P.O. Box 9010
Addison, Texas 75001-9010

Street: 16801 Westgrove
Addison, Texas 75001

Phone: (972) 450-2879

Fax: (972) 450-2837

EVALUATION CRITERIA FOR QUALIFICATIONS

| | <u>POINTS</u> | <u>MULTIPLIER</u> | <u>SCORE</u> |
|--|---------------|-------------------|--------------|
| 1. The firm's experience, as well as proposed subcontractors, in successfully performing similar assignments, in scope and size, for others within the last five (5) years, by personnel still on the firm's staff. Prime and Sub have worked together before. | 0-10 | 4 | _____ |
| 2. Professional background of key personnel and experience in environmental assessment and reporting. The firm's current staff, both in size and related experience, is qualified to provide the desired service. Indicate length of time key employees have been with the firm as well as their home office location. | 0-10 | 4 | _____ |
| 3. Location of main office and/or branch office that will provide services and experience in the local area. | 0-10 | 1 | _____ |
| 4. Management approach to this project. (Include QA/QC, schedule and budget programs). | 0-10 | 1 | _____ |
| 5. Technical approach to this project. | 0-10 | 1 | _____ |
| 6. Previous clients, for similar projects express satisfaction with the firm's work (Short listed firms only, if necessary). | 0-10 | 2 | _____ |
| 7. Oral presentation (short listed firms only, if necessary). | 0-10 | 4 | _____ |

HP LaserJet 3200se



TOALASERJET 3200
9724502837
JUN-20-2001 15:50

Fax Call Report

| Job | Date | Time | Type | Identification | Duration | Pages | Result |
|-----|-----------|----------|------|----------------|----------|-------|--------|
| 455 | 6/20/2001 | 15:49:45 | Send | 92142451001 | 1:07 | 3 | OK |

REQUEST FOR STATEMENTS OF QUALIFICATIONS

ENVIRONMENTAL SERVICES

ADDISON AIRPORT FUEL FARM

The Town of Addison is presently accepting Statements of Qualifications from experienced Environmental Firms to provide Phase II Environmental Assessment Services at the Addison Airport Fuel Farm. The purpose of the project is to establish a "baseline" of extent of soil and ground water contamination, if any, in and around the existing operating fuel farm. The scope of the project will include, but will not necessarily be limited to investigation using push probe technology, health and safety plan, and a report with recommendations for any corrective action deemed appropriate. All work shall meet TNRCC standards as the report may be submitted to the agency. Background information is available for review and familiarization at the Department of Public Works.

Addison will accept written Statements of Qualifications (SOQ) from environmental consultants until 4 p.m., June 25, 2001. Four (4) copies of the SOQ shall be submitted. The SOQ should contain a maximum number of thirty (30) single sided pages on 8 1/2" x 11" paper. The environmental firm should provide enough information to demonstrate the firm's ability to do the project. The SOQ shall designate the individuals who will be assigned to the project (Principal-in-charge, Project manager, Project Engineer, etc.) with resumes for each individual. A list of similar projects in scope and size that the firm has recently completed in the last five (5) years shall be provided. For each project a description shall be provided along with project cost, completion date, names of proposed design team members involved in the project, name of the client, contact person, and phone number for contact person.

All written Statements of Qualifications submitted shall be evaluated by the Selection Committee, which will be made up of Michael Murphy, P.E., Director of Public Works, James C. Pierce, P.E., Assistant Director of Public Works, Mark Acevedo, Buildings and Fleet Manager, and Neil Gayden, Environmental Services Manager. The review of the SOQ's will be based on the selection criteria shown on the attached page. The SOQ should specifically address each criterion for evaluation. If it is deemed necessary, the top ranking firms will be asked to meet with the Town and make oral presentations. The firm the Town deems most qualified will then present a proposal to perform the work and a fee will be negotiated. The environmental services contract will go to the City Council for approval.

| | | | | | |
|------------------|-----------------|---------|--------------|------|---|
| Post-It Fax Note | 7871 | Date | 6/20/01 | Page | 3 |
| To | Melissa Fritsch | From | Jim Hene | | |
| Company | Ecology Environ | Co. | | | |
| Phone # | | Phone # | 972-450-2879 | | |
| Fax # | 214-245-1001 | Fax # | | | |

Jim Pierce

From: Chris Terry
Sent: Tuesday, June 19, 2001 11:48 AM
To: Jim Pierce; Mark Acevedo
Subject: FW:

FYI,
Chris

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

From: Ron Whitehead
Sent: Tuesday, June 19, 2001 10:31 AM
To: 'Trent Petty'
Cc: Chris Terry
Subject: RE:

Trent,

Good to hear from you. I will forward your comments to the appropriate folks. We appreciate knowing when good people are out there. Everything is going fine here. I have followed Westlake and it sounds real interesting. We had a study done by Carter and Burgess to put a duct system under Belt Line rights of way to relocate our utilities. It is cheaper and easier to do it up front, but we don't have that luxury. I have \$11 million in bonds for the first phase. We are about 2 years away from implementing the project. Thanks for the information on Mr. Fry. I hope to see you soon. Ron

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

From: Trent Petty [mailto:tpetty@westlake-tx.org]
Sent: Tuesday, June 19, 2001 9:13 AM
To: Ron Whitehead (E-mail)
Subject:

Hi Ron,

Hope things are going well - haven't talked to you in forever. Since I don't read anything in the DMN except good stuff about Addison, I am assuming things are doing fine. Things in Westlake are ok too - just waiting to see every day what new hand Perot deals us. We've done some pretty neat stuff and I have learned that having more businesses than residents can be a really good thing!

I won't take up much time but I promised a friend a favor that is pretty simple. There is an environmental consulting company called IT Corporation that is proposing a job for the Addison airport. I told him you probably were not involved directly but that I would pass a good word along on their behalf. The guy's name is Herb Fry. He has been on the P&Z in Grapevine forever and is a honest straightforward guy. His company does these environmental assessments all over the country but I don't know much more than that about them.

Anyway, I have done my good deed for the day. Give me a call if you are

HP LaserJet 3200se



TOALASERJET 3200
9724502837
JUN-18-2001 17:17

Fax Call Report

| Job | Date | Time | Type | Identification | Duration | Pages | Result |
|-----|-----------|----------|------|----------------|----------|-------|--------|
| 409 | 6/18/2001 | 17:15:57 | Send | 94698284110 | 1:19 | 3 | OK |

REQUEST FOR STATEMENTS OF QUALIFICATIONS

ENVIRONMENTAL SERVICES

ADDISON AIRPORT FUEL FARM

The Town of Addison is presently accepting Statements of Qualifications from experienced Environmental Firms to provide Phase II Environmental Assessment Services at the Addison Airport Fuel Farm. The purpose of the project is to establish a "baseline" of extent of soil and ground water contamination, if any, in and around the existing operating fuel farm. The scope of the project will include, but will not necessarily be limited to investigation using push probe technology, health and safety plan, and a report with recommendations for any corrective action deemed appropriate. All work shall meet TNRC standards as the report may be submitted to the agency. Background information is available for review and familiarization at the Department of Public Works.

Addison will accept written Statements of Qualifications (SOQ) from environmental consultants until 4 p.m., June 25, 2001. Four (4) copies of the SOQ shall be submitted. The SOQ should contain a maximum number of thirty (30) single sided pages on 8 1/2" x 11" paper. The environmental firm should provide enough information to demonstrate the firm's ability to do the project. The SOQ shall designate the individuals who will be assigned to the project (Principal-in-charge, Project manager, Project Engineer, etc.) with resumes for each individual. A list of similar projects in scope and size that the firm has recently completed in the last five (5) years shall be provided. For each project a description shall be provided along with project cost, completion date, names of proposed design team members involved in the project, name of the client, contact person, and phone number for contact person.

All written Statements of Qualifications submitted shall be evaluated by the Selection Committee, which will be made up of Michael Murphy, P.E., Director of Public Works, James C. Pierce, P.E., Assistant Director of Public Works, Mark Acevedo, Buildings and Fleet Manager, and Neil Gayden, Environmental Services Manager. The review of the SOQ's will be based on the selection criteria shown on the attached page. The SOQ should specifically address each criterion for evaluation. If it is deemed necessary, the top ranking firms will be asked to meet with the Town and make oral presentations. The firm the Town deems most qualified will then present a proposal to perform the work and a fee will be negotiated. The environmental services contract will go to the City Council for approval.

| | | |
|-----------------------|-----------------------|-----------------------|
| Postnet Fax Note | 7871 | Page 6/18/01 17:15:57 |
| To: Doug Harbour | From: Jim Pierce | |
| Co. Dept: Law Engr | To: | |
| Phone 1: 469-828-4110 | Phone 2: 972-450-2879 | Fax: |

HP LaserJet 3200se



TOALASERJET 3200
9724502837
JUN-15-2001 10:29

Fax Call Report

| Job | Date | Time | Type | Identification | Duration | Pages | Result |
|-----|-----------|----------|------|----------------|----------|-------|--------|
| 371 | 6/15/2001 | 10:28:20 | Send | 92143332853 | 1:04 | 3 | OK |

REQUEST FOR STATEMENTS OF QUALIFICATIONS ENVIRONMENTAL SERVICES ADDISON AIRPORT FUEL FARM

The Town of Addison is presently accepting Statements of Qualifications from experienced Environmental Firms to provide Phase II Environmental Assessment Services at the Addison Airport Fuel Farm. The purpose of the project is to establish a "baseline" of extent of soil and ground water contamination, if any, in and around the existing operating fuel farm. The scope of the project will include, but will not necessarily be limited to investigation using push probe technology, health and safety plan, and a report with recommendations for any corrective action deemed appropriate. All work shall meet TNRCC standards as the report may be submitted to the agency. Background information is available for review and familiarization at the Department of Public Works.

*# of
Copies of
SOQ!!*

Addison will accept written Statements of Qualifications (SOQ) from environmental consultants until 4 p.m., June 25, 2001. Four (4) copies of the SOQ shall be submitted. The SOQ should contain a maximum number of thirty (30) single sided pages on 8 1/2" x 11" paper. The environmental firm should provide enough information to demonstrate the firm's ability to do the project. The SOQ shall designate the individuals who will be assigned to the project (Principal-in-charge, Project manager, Project Engineer, etc.) with resumes for each individual. A list of similar projects in scope and size that the firm has recently completed in the last five (5) years shall be provided. For each project a description shall be provided along with project cost, completion date, names of proposed design team members involved in the project, name of the client, contact person, and phone number for contact person.

All written Statements of Qualifications submitted shall be evaluated by the Selection Committee, which will be made up of Michael Murphy, P.E., Director of Public Works, James C. Pierre, P.E., Assistant Director of Public Works, Mark Acovodo, Buildings and Fleet Manager, and Neil Gayden, Environmental Services Manager. The review of the SOQ's will be based on the selection criteria shown on the attached page. The SOQ should specifically address each criterion for evaluation. If it is deemed necessary, the top ranking firms will be asked to meet with the Town and make oral presentations. The firm the Town deems most qualified will then present a proposal to perform the work and a fee will be negotiated. The environmental services contract will go to the City Council for approval.

| | | | |
|------------------|--------------|-------|--------------|
| Postnet Fax Note | 7671 | Date | 6/15/01 |
| To | Maria Lardi | From | Jim Pierce |
| Company | PSI | Cell | |
| Phone # | 972-450-2879 | Fax # | 972-450-2879 |
| Fax # | 214-333-2853 | Fax # | |

• Municipal Services • GPS • Drainage • Boundary & Topographic Surveys • Water Resources • General Civil •

NDM NATH. N.D. MAIER
CONSULTING ENGINEERS, INC.

Charlie Sommerlas

20K *h*
30K *→ outside*

For Phase II @

airport

6-5-01

Two NorthPark/8080 Park Lane Suite 600
Dallas, Texas 75231
214-739-4741 214-739-5961 fax
email ndmnce@ndmnce.com

• Transportation • Land Development • Construction Management • Traffic • Water & Wastewater Systems •

Jim Pierce

From: Jim Pierce
Sent: Tuesday, June 05, 2001 5:32 PM
To: Chris Terry
Cc: Mark Acevedo
Subject: RE: Airport Fuel Farm

Received a second opinion from CDM: Range \$20 to \$30K. I would now suggest a budget of \$40K to cover contingencies. Jim.

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

From: Chris Terry
Sent: Monday, June 04, 2001 8:52 AM
To: Jim Pierce
Cc: Mark Acevedo
Subject: RE: Airport Fuel Farm

I agree that we do need a second opinion on the potential cost. Yes, this should have been done as a mid-year budget adjustment but I believe that deadline has passed and will be on next Tuesday's agenda. Given that, we may not be able to proceed until we have this discussion with Council in August as part of next FY's Airport Fund budget discussions. I suggest you get Finance's opinion on how best to proceed. Randy is out until Thursday but Bryan may be able to advise. Do not proceed until the budget question is resolved.

As you remember from our meeting the other day, Mark will be exploring times to share our Airport priorities with Council, hopefully in June but realistically, it may be in August, I am waiting to hear Mark's recommendation on that. We need to visit further on this issue.

Chris

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

From: Jim Pierce
Sent: Saturday, June 02, 2001 3:54 PM
To: Chris Terry; Mark Acevedo
Cc: Michael Murphy; Randy Moravec
Subject: FW: Airport Fuel Farm

Chris: Resending this as requested. We may have an opportunity to compress the schedule, i.e. select consultant directly from their submittals with no interviews, but we are still locked in to Aug 14 as first council meeting in Aug. The other spot to compress is if the consultant can do the job in less than 90 days.

The other issue is budget money. I'm not sure what this will cost. I have asked CDM to give me a conservative ball park estimate from what they know. Washington has estimated \$33,500 which may be OK but I would like a second opinion. Do we need to do a mid year budget adjustment? It may be too late. Schedule wise, we will not owe the consultant anything until Sept 15, at the earliest, and that could easily slip to Oct 1st. So we could wait until the new fiscal year.

Please advise. Thanks, Jim.

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

From: Chris Terry
Sent: Thursday, May 24, 2001 11:22 AM
To: Jim Pierce
Subject: RE: Airport Fuel Farm

Can we compress the schedule by about 30 days? I would like to get the Final Report by October 15. Take a look at that. Also, as we discussed, I don't want to advertise until Dave, Mark, et. al. have signed off on the schedule.

Thanks.

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

From: Jim Pierce
Sent: Thursday, May 24, 2001 11:00 AM

To: Chris Terry
Cc: Mark Acevedo; Michael Murphy
Subject: RE: Airport Fuel Farm

Suggested Schedule:

June 8 - Advertise request for SOQ's
June 15 - 2nd ad in paper
June 25 - Receive SOQ's
 Review SOQ's
July 9 - Create Short List of consultants
July 13 - Consultant Interviews
 Select consultant, negotiate contract
July 25 - Contract negotiations complete
Aug 6 - Prepare Memo for council approval
Aug 14 - Council approval
Aug 15 - Notice to proceed
Nov 15 - Final Report

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

From: Chris Terry
Sent: Thursday, May 24, 2001 9:59 AM
To: Jim Pierce
Cc: Mark Acevedo
Subject: RE: Airport Fuel Farm

What is our schedule for this? I want to visit with you before we proceed.
Chris

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

From: Jim Pierce
Sent: Wednesday, May 23, 2001 5:20 PM
To: Chris Terry; Mark Acevedo; Michael Murphy
Subject: Airport Fuel Farm

Request for SOQ's and score sheet attached for your review and comment.

<< File: SOQ's for Airport Phase II.doc >> << File: EVALUATION CRITERIA FOR
ENGINEERING.doc >>

Jim Pierce, P.E.
Assistant Public Works Director
PO Box 9010
Addison, TX 75001-9010
972-450-2879

Jim Pierce

From: Jim Pierce
Sent: Saturday, June 02, 2001 3:54 PM
To: Chris Terry; Mark Acevedo
Cc: Michael Murphy; Randy Moravec
Subject: FW: Airport Fuel Farm

Chris: Resending this as requested. We may have an opportunity to compress the schedule, i.e. select consultant directly from their submittals with no interviews, but we are still locked in to Aug 14 as first council meeting in Aug. The other spot to compress is if the consultant can do the job in less than 90 days.

The other issue is budget money. I'm not sure what this will cost. I have asked CDM to give me a conservative ball park estimate from what they know. Washington has estimated \$33,500 which may be OK but I would like a second opinion. Do we need to do a mid year budget adjustment? It may be too late. Schedule wise, we will not owe the consultant anything until Sept 15, at the earliest, and that could easily slip to Oct 1st. So we could wait until the new fiscal year.

Please advise. Thanks, Jim.

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

From: Chris Terry
Sent: Thursday, May 24, 2001 11:22 AM
To: Jim Pierce
Subject: RE: Airport Fuel Farm

Can we compress the schedule by about 30 days? I would like to get the Final Report by October 15. Take a look at that. Also, as we discussed, I don't want to advertise until Dave, Mark, et. al. have signed off on the schedule.
Thanks.

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

From: Jim Pierce
Sent: Thursday, May 24, 2001 11:00 AM
To: Chris Terry
Cc: Mark Acevedo; Michael Murphy
Subject: RE: Airport Fuel Farm

Suggested Schedule:

June 8 - Advertise request for SOQ's
June 15 - 2nd ad in paper
June 25 - Receive SOQ's
 Review SOQ's
July 9 - Create Short List of consultants
July 13 - Consultant Interviews
 Select consultant, negotiate contract
July 25 - Contract negotiations complete
Aug 6 - Prepare Memo for council approval
Aug 14 - Council approval
Aug 15 - Notice to proceed
Nov 15 - Final Report

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

From: Chris Terry
Sent: Thursday, May 24, 2001 9:59 AM
To: Jim Pierce
Cc: Mark Acevedo
Subject: RE: Airport Fuel Farm

What is our schedule for this? I want to visit with you before we proceed.
Chris

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

PHASE II ~~SOQ~~

Paper June 8th
" " 15th

Receive Prop on 25th - 4 PM

RFQ # 0132

REQUEST FOR SOQ's - FUEL FARM PHASE II ENVIRONMENTAL ASSESSMENT

| Co. Name | # Copies | Phone |
|------------------------|----------|--------------|
| Ensafe, Inc. | 4 | 972-791-3222 |
| EA Engr, Sci,& Tech | 4 | 972-484-1420 |
| Terra-Solve | 4 | 972-267-1900 |
| Atkins Benham | 4 | 817-640-6407 |
| Washington Group | 4 | 281-529-3000 |
| IT Corporation | 4 | 972-341-8300 |
| Ecology & Environment | 4 | 214-245-1000 |
| LCA Environmental | 4 | 972-241-6680 |
| Freese & Nichols, Inc. | 4 | 817-735-7300 |
| LawGibb Group | 4 | 469-828-4100 |



TERRA • SOLNE
ENVIRONMENTAL CONSULTANTS

Charles R. "Rick" Robertson, CPG
Geologist

3216 Commander Drive, Suite 103 • Carrollton, TX 75006-2518
(972) 267-1900 • FAX (972) 267-1902 • e-mail: terrasiv@gte.net

Munick: the attached

Please ~~Mail~~/Fax to

Alpha Testing

~~972-670-8911~~

Fax 972-406-8023

Terracon

~~214-630-1010~~

Fax 214-630-7070

LCA Environmental

attn

Mark Boyd

972-241-6689

Environmental Innovations

972-966-0742

EA Engineering, Science & Technology

972-247-7220

CDM

attn Charles Summers

214-987-2017

Washington/Staubach

attn Dave Pearce

972-788-9334

Thanks

Jim

CDM Camp Dresser & McKee Inc.

consulting
engineering
construction
operations

One Glen Lakes
8140 Walnut Hill Lane, Suite 1000
Dallas, Texas 75231
Tel: 214 346-2800 Fax: 214 987-2017

May 18, 2001

Mr. Jim Pierce, P.E.
Assistant Public Works Director
Town of Addison
16801 Westgrove Drive
P.O. Box 9010
Addison, Texas 75001-9010

Re: Phase II Environmental Site Assessment
Addison Airport

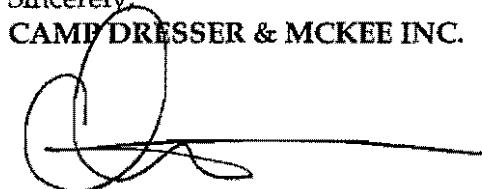
Dear Jim:

Per our telephone conversation earlier today, I have included four examples of Phase II scope of services. Two of the documents are CDM proposed scope of services, and two are requests for proposals (RFPs) from potential clients. Hopefully, they will provide you with some of the language you are looking for in preparation of the Addison Airport Phase II RFP. The two CDM documents are included in digital format on the enclosed floppy disk in the event you would like to cut and paste some of the information into your document.

Please do not hesitate to call me with any technical questions that may not have been answered by the attached documents or our earlier conversations. As a geologist, Phase II and Phase III assessments within various TNRCC programs have been my technical forte for several years.

Thank you again for your time, and please do not hesitate to call me with any questions or concerns you may have.

Sincerely,
CAMP DRESSER & MCKEE INC.



Charles Summers
Project Manager/TNRCC CAPM 1316

Example CDM Score for Phase II.
The actual "Phase II" score begins @ Section 1.4.
This is included as sp/WORKPLAN.doc on the floppy disk.

Section 1 RCRA Facility Investigation (RFI)

Camp Dresser and McKee, Inc. (CDM) will mobilize to the site and perform limited soil and groundwater sampling using push probe technology to assist in further defining the nature and extent of subsurface soil and groundwater contamination in and around the aircraft preparation area. CDM will utilize a small diameter driven probe for rapid sample collection during this project. Groundwater will likely be encountered at a depth ranging from approximately 3-10 feet below ground surface (bgs). A shale layer is expected to be encountered at a depth between 32 and 35 feet bgs and the Texas Natural Resource Conservation Commission (TNRCC) requires proof that the shale layer is laterally persistent across this site. Therefore, each probe will be advanced to a total depth just beneath the surface of the shale (approximately 35' bgs on average). This should allow the field geologist to tag the top of the shale layer in each probe. Tagging the shale with these probes will be the most cost effective and expeditious method of showing that the shale is continuous across the site, as claimed in the previous reports.

Based on our current knowledge of the site, CDM has differentiated our initial RFI field activities into the following Tasks.

- Task 1 - Initial Data Review
- Task 2 - Prepare a Comprehensive Health and Safety Plan
- Task 3 - Appendix IX and Background Sampling
- Task 4 - Soil Plume Delineation
- Task 5 - Groundwater Delineation
- Task 6 - RFI Report

A detailed description of the scope of work to be performed during the RFI is presented in the following sections.

1.1 Initial Data Review - Task 1

Some errors and discrepancies were identified by CDM during a cursory review of the previous site investigation reports that were prepared for the aircraft preparation area. A brief list follows :

- Well numbers have changed from the September report to the May report (apparently tying into a plant wide well numbering system);
- The map proportions change significantly (especially orientation) between the reports, even on scaled drawings; and
- In the May report, Table 1 data for MW-61 indicate 1,2-DCA and TCE concentrations, while Figure 4 indicates TCE and vinyl chloride.

While assuming that the data are generally accurate, CDM will need to conduct a detailed data review to eliminate the existing errors, and establish overall credibility to the existing data set.

Therefore, CDM will review the data packages from the previous investigations to determine their overall reliability for reporting purposes. Our approach will be to use the lab data sets only and include these results in an RFI report that will be inclusive of all field work (past and present). CDM will also order a water well search to identify water wells currently located within a ½ mile radius of the subject site. This database search will consist of gathering information from the State of Texas water wells database listing on all registered wells in the area of interest.

CDM also believes that another critical initial task in the RFI process will be to develop a clearer understanding of the potential for artificial recharge to be impacting the direction and rate of groundwater flow at the site. In reviewing the data from the September 1997 and May 1998 investigations, a clearly defined "mound" in the groundwater piezometric surface is apparent in the south/central portion of the site. Based on CDM's understanding of regional groundwater conditions in the vicinity of the site, it appears unlikely that this mound is natural, but rather represents some other influence such as leakage from localized drainage ditches, ponds, septic/leach field systems, or subsurface utilities including water lines. We further understand that on-site XXXX personnel have concerns that the latter source may exist.

CDM concludes it to be very important to resolve the source and impact of this groundwater feature early in the RFI process, as it may have a profound impact on the direction and rate of groundwater flow and, hence, contaminant migration. Current piezometric information show a relatively steep radial gradient, generally trending to the north. However, the existing data are likely not adequate to determine if this is merely a recent and/or temporal trend resulting from localized artificial recharge sources. Resolution of this issue should occur prior to the installation of any additional monitoring wells. Without an accurate understanding of the natural groundwater gradients, it will not be possible to site new monitoring wells that are truly representative of long term groundwater conditions (either in the past, when releases may have occurred and transport of contaminants began; or in the future if the anomalous groundwater effects are removed).

CDM suggests that an evaluation of the potential presence of artificial sources of water be initiated with a compilation and review of existing information regarding all subsurface utilities in the vicinity of existing monitoring wells MW-1 and MW-54. This initial evaluation should also include review of any records for metering or inventory of fluids flowing through any such utilities that are identified. Subsequent to these initial subtasks, CDM may make recommendations for further evaluation. Recommendations may include leak testing of utilities, and/or hydraulic analyses of the expected impact to the piezometric surface if any artificial recharge sources are terminated.

1.2 Prepare a Comprehensive Health and Safety Plan - Task 2

Prior to mobilizing to the site, CDM will develop a Comprehensive Health and Safety Plan to govern operational safety issues during the site investigation. The Health and Safety Plan will assist in identifying the suspected contaminants of concern that might be encountered and will detail the procedures to be followed by CDM employees and subcontractors during field work to assure worker protection.

1.3 Appendix IX and Background Sampling - Task 3

The field activities to be performed during Task 3 include the installation of one (1) soil probe in the source area, adjacent to the most contaminated boring location that was found during previous investigation activities, so that TNRCC required information concerning Appendix IX contaminants in soil can be obtained. In addition, groundwater samples will be collected from monitoring wells MW-55 and MW-56 and submitted for analysis of Appendix IX constituents. It is anticipated that the soil and groundwater samples collected will represent worst case samples. After analyzing the worst case samples for Appendix IX constituents, CDM expects to be able to limit the analytical requirements for all follow-on samples by focusing on specific chemicals of concern that are identified in the source area during this testing.

Ten (10) surface soil samples (0-5') will also be collected from random locations at the other end of the airfield during this task to determine site background concentrations for metals. Field activities to be performed during Task 3 will be completed in the following manner.

1. CDM will mobilize a truck mounted push probe unit to the site and will install one (1) push probe boring to a depth of approximately 35 feet directly adjacent to MW-56/MW-3E. This boring exhibited the highest contaminant concentrations during previous soil testing and should be representative of worst case soil conditions in the source area. The location of the push probe is shown on Figure 1. Since SVOC and other analyses were not performed on any of the soil samples during previous investigations, CDM feels that this probe will assist in the collection of TNRCC required information concerning Appendix IX contaminants in soil.
2. The probe will be logged by a geologist and will be field screened using a photoionization detector (PID) for volatile organic compounds (VOCs). The probe location will be continuously sampled to document site lithology and so that soil samples for laboratory analyses can be properly collected. All soil samples will be collected in accordance with the Soil Sampling and Analysis Plan provided in Appendix A.
3. Samples collected from the source area probe hole will be submitted for laboratory analyses at the following depths:

- the 0-2' interval, and
- the soil zone exhibiting the highest PID reading above the water table.

The sample exhibiting the highest PID reading will be analyzed for the Appendix IX constituents. The sample collected from the shallow boring (0-2' interval) will be analyzed for VOCs, RCRA Metals and semivolatile organic compounds (SVOCs).

4. Monitoring wells MW-55 and MW-56 will be purged and sampled in accordance with the Groundwater Sampling and Analysis Plan provided in Appendix B and will be submitted for analysis of Appendix IX constituents. These well locations have been selected because they exhibited the most contaminated groundwater during previous sampling events. This analysis will help guide future analytical protocols.
5. CDM will analyze trip blanks for every cooler containing VOCs and will acquire duplicate soil and groundwater samples on a 1 in 20 basis during the project. A duplicate sample will also be collected for the worst case soil sample collected in the source area and will be analyzed for the Appendix IX constituents so that QA/QC aspects of this limited analysis can be assessed. In addition, CDM will also analyze one duplicate groundwater sample from one of the groundwater monitoring wells that will be analyzed for Appendix IX constituents so that QA/QC aspects of the limited analysis can be assessed. CDM will also split samples with TNRCC, as necessary.
6. Ten shallow surface soil samples (0-5') will also be collected from the other end of the airfield at random locations and analyzed for RCRA Metals to determine site background concentrations for these metals. Ten samples is the minimum number required to statistically determine background concentrations under TNRCC rules. The background values for metals will be compared with the new and previous soil sample results to determine whether metals concentrations are of concern.
7. All drill cuttings and purge water will be containerized in 55-gallon drums and stored onsite. These materials will be characterized and disposed of in a proper manner.

1.4 Soil Plume Delineation - Task 4

The objective of Task 4 will be to adequately define the horizontal extent of soil contamination in the vicinity of the aircraft preparation area. Based on previous investigations, the soils appear to have been sufficiently delineated to the east and south except for the soils in the 0-2' interval. Soils to the north and east have not been sufficiently delineated. The scope of work necessary to adequately delineate the site soils is presented below.

1. CDM will mobilize a truck mounted push probe unit to the site and will install up to four push probe borings to a depth of 35 feet, and four additional

borings to a maximum depth of two feet bgs surrounding the source area. The locations for the push probes are shown on Figure 1. The four deep probe locations will be located north and east of the aircraft preparation area as determined in the field and as guided by the preliminary results from the previous investigation activities. Four additional shallow probes will be advanced to a depth of two feet directly adjacent to the delineation borings previously advanced south and east of the source area to collect samples specifically from this interval since they were not collected during previous site work, and have been requested by TNRCC.

2. Each probe will be logged by a geologist and will be field screened using a PID for VOCs. Each location will be continuously sampled to document site lithology and so that soil samples for laboratory analyses can be properly collected. All soil samples will be collected in accordance with the Soil Sampling and Analysis Plan provided in Appendix A.

3. The deep probe holes will be sampled at three depths:

- the 0-2' interval,
- the soil zone located directly above the water table, and
- the soil zone exhibiting the highest photoionization detector reading between the other two samples.

After analyzing the worst case soil and groundwater samples collected during Task 3 for the broad spectrum of Appendix IX analytes as previously discussed, CDM expects to be able to limit the analytical requirements for all follow-on samples by focusing on specific chemicals of concern that are present in each source area. For the purposes of this work plan, CDM assumes that all of the soil samples collected from each deep probe location will be submitted for analysis of VOCs using EPA Method 8260. The sample exhibiting the highest PID reading in each deep probe hole will also be analyzed for RCRA metals using EPA Method 6010 and SVOCs using EPA Method 8270.

4. Groundwater samples will also be collected from each probe hole and analyzed for VOCs using EPA Method 8260. These results will be used to assist in delineating groundwater contaminants near the source area as further described in Task 5.

5. CDM will also collect one (1) geotechnical sample to determine the physical characteristics of the site soils. The geotechnical sample will be submitted to the lab to determine the soil bulk density, porosity, water content, fraction organic carbon and hydraulic conductivity using appropriate ASTM methods. This geotechnical soil sample will be collected from an apparently uncontaminated probe location.

6. Concurrent with the activities described above, the field crew will also collect sediment samples from two locations along the drainage ditch located

adjacent to the aircraft preparation area. For the purposes of this work plan, CDM assumes that the samples collected will be analyzed for VOCs, SVOCs and total metals. The actual sampling locations will be determined by CDM's onsite field team leader after consulting with XXXX's onsite representative, however, our intent is to select one location upstream and downstream of the potentially impacted area.

7. CDM will analyze trip blanks for every cooler containing VOCs and will acquire duplicate soil and groundwater samples on a 1 in 20 basis during the project. CDM will also split samples with TNRCC, as necessary.
8. All drill cuttings and purge water will be containerized in 55-gallon drums and stored onsite. These materials will be characterized and disposed of in a proper manner.
9. Upon completion of field activities, a walking field survey will be performed within a 1/4 mile radius of the site to identify potential onsite and offsite sensitive receptors, points of human exposure and contaminant transport migration pathways. This will include identification of registered and unregistered water wells, schools, churches, residences, day care centers, businesses, surface water bodies, underground utilities (from visual observations and maps), etc. CDM will also identify site specific conditions that may effect or limit contaminant movement.

1.5 Groundwater Delineation - Task 5

Task 5 will consist of further horizontal delineation of the extent of the groundwater contamination in the vicinity of the aircraft preparation area. Based on CDM's review of previous site investigation reports, the groundwater plume will require further delineation in all directions surrounding the aircraft preparation area. Since soil delineation will have been accomplished by this time, no soil sampling is anticipated to be needed during this phase of work. This will allow CDM to push directly to the groundwater zone and collect a sample which will allow field activities to be completed in an expeditious time frame. The scope of work that CDM proposes to adequately delineate the site groundwater is presented below.

1. Starting from the perimeter of the property along the north property boundary, up to 12 push probes will be installed to a depth of 35 feet. The proposed locations of the first 8 probes are shown in Figure 2; the remaining locations, if necessary, will be selected based on the field results of the first 8 probes.
2. No soil samples are anticipated to be necessary during the installation of these probes. The total depth to shale, if encountered, will be recorded in the log book.
3. Groundwater samples will be collected from each probe location in the aquifer zone above the shale and will be submitted to a qualified analytical laboratory for analyses. All groundwater samples will be collected in

accordance with the Groundwater Sampling and Analysis Plan provided in Appendix B. Each groundwater sample will be analyzed for VOCs using EPA Method 8260. CDM will also analyze trip blanks for every cooler containing VOCs and will acquire duplicate groundwater samples on a 1 in 20 basis during the project. CDM will also split samples with TNRCC, as necessary.

4. Based on the results of the groundwater data collected from the push probes, five new 2 inch or 4 inch diameter (as directed by XXXX) monitoring wells will be installed to serve as compliance points for future monitoring. The wells will be installed and developed in accordance with the approved Compliance Plan Specifications as described in Appendix C, and new dedicated well pumps will be purchased for the five new wells.
5. After the new wells have stabilized for 48 hours, the 14 existing wells in this portion of the plant and the five new wells will be sampled and analyzed for VOCs. If the Appendix IX analysis in step 1 above indicates that other parameters (e.g. SVOCs) are determined to be constituents of concern and require monitoring, XXXX will be contacted at that time to discuss appropriate modifications to the sampling program for submittal to TNRCC.
6. Part of CDM's sampling protocol is the collection of field parameters which aid in the interpretation of site conditions. These include depth to water, pH, conductivity, temperature and dissolved oxygen concentration. These data will be recorded in the field log book and reported with the analytical data for the borings and wells.
7. All of the wells and boring locations will be surveyed for location and top of casing (TOC) by a registered surveyor and added to the site map for delineation and reporting purposes.
8. All drill cuttings and purge water will be containerized in 55-gallon drums and stored onsite. These materials will be characterized and disposed of in a proper manner.
9. Maps showing the water table elevations, top of shale elevations and concentration isopleths for the major constituents of concern will be prepared for reporting purposes.

1.6 RFI Report - Task 6

A report will be prepared to document to results of the investigations detailed above. This report will include geological cross-sections and groundwater maps for gradient, and concentration maps for total VOC, methylene chloride, trichloroethylene, and 1,2-dichloroethane. Other compounds will be mapped if appropriate. The data will be summarized in tables for the report, and the full data packages will be included as Appendices. CDM will also respond on behalf of XXXX to issues outlined in the November 17, 1998 TNRCC correspondence

letter regarding previous site investigations. The response to this letter will be included in the RFI report.

Example CDM Score for Phase II at an LPST facility. Simplistic & to the point. Included as SP1WORKPLAN2.doc on the floppy.

WORKPLAN

LPST ID No: XXXXX
Responsible Party: XXXXX
Facility Name: XXXXX
Facility Address: XXXXXX
Facility City: Rockwall
Facility County: Rockwall
Facility ID No.: XXXXXX
TNRCC Region: 4
Case Priority: 4.0

Proposed Activity: 04 – Site Assessment

Description of Activities:

An accelerated site characterization will be performed at this site in order to assess the extent of subsurface petroleum hydrocarbon contamination discovered in soil samples collected during the removal of two underground storage tanks (USTs). The assessment will involve the installation of up to eight soil borings using push probe technology. The probes will be advanced to maximum depths of 30 feet below ground surface and will be strategically placed around the source of the release to effectively characterize the site with respect to petroleum hydrocarbons.

If groundwater is encountered at the site, temporary well screens will be placed into each probe hole and one groundwater sample will be collected from each temporary well for analyses. Based on the results of these analyses, four monitoring wells will be installed to assist in monitoring groundwater conditions. Each monitoring well will be constructed using 2"-PVC casing and screen. The wells will be developed, purged, then sampled using disposable bailers. All monitoring wells will be surveyed for locations and for top-of-casing elevations.

A potential receptor survey and a water well inventory search will also be performed as part of the required assessment activities.

Sampling Procedures:

Three soil samples will be collected from each of the probe holes advanced at the site. Samples obtained from probe holes in the immediate source area will be collected from the 0-2 feet interval, the highest OVA reading encountered between 2-15 feet, and at the total depth of each boring. Samples obtained from probe holes outside the immediate source area will be collected from the highest OVA reading, the soil groundwater interface, and at the total depth of each boring. If groundwater is encountered, one groundwater sample will also be obtained and analyzed from each temporary monitoring well. Groundwater samples will also be collected from the four monitoring wells installed during this assessment.

Each of the soil and groundwater samples collected will be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and total petroleum hydrocarbons (TPH) using EPA Method 8021 and Texas Method 1005, respectively. Laboratory analyses will be performed by an on-site

mobile laboratory. Immediately upon generation by the mobile laboratory, the data will be used by the Corrective Action Specialist (CAS) to determine the need for and/or adjust the location of further probes. If results indicate TPH concentrations in the >C10 – C28 range are above the TNRCC soil or groundwater action levels, the sample exhibiting the highest TPH for each medium will also be analyzed for polycyclic aromatic hydrocarbons (PAH) by EPA Method 8270. All groundwater samples will be analyzed for methyl tertiary butyl ether (MTBE).

One soil sample will also be acquired to help determine the physical properties of the site soils. This sample will be used to determine the soil bulk density, porosity, water content, fraction organic carbon, and hydraulic conductivity using appropriate ASTM methods.

Reporting of Activities:

An Assessment Report Form (TNRCC-0562) will be completed which addresses hydrocarbon impacts in reference to Plan A criteria per TNRCC Risk Based Corrective Action Guidelines.

Waste Management:

All drill cuttings and purge water will be stored in 55-gallon drums. Following appropriate profiling activities, the drill cuttings and purge water will be transported to an approved TNRCC disposal facility.

Attachments:

A Site Map and table of analytical

RFP

Bid for detailed,
Client specific scope

Request for proposal

invites you to submit a proposal for environmental remediation services needed in
Bidders should be prepared to evaluate the existing information, recommend a course of action, and assist
communications with the Texas Natural Resource Conservation Commission (TNRCC) to obtain closure using a
risk based approach.

Background

This project is located along a former in the community of , Texas. is located northwest of
The site is no longer owned by The land was sold in two different sections to a rancher in the 1950's
and 1970's. The site consists of three pits. One of the pits was filled shortly after the land was purchased. The other two
contain a sludge like material. There is limited historical information available. The pits are visible in an aerial
photograph dated 1952. The original purpose of the pits is unknown, though site visits have led to conclude the
site may have been a tank car cleaning operation. As such, the pits likely were constructed to hold the residual material
from those activities.

The site is currently owned by a private party and is used for cattle grazing purposes. A barbed-wire fence is located
around two of the pits. A third (probable) pit is located outside the fenced area. Sludge like material is located in the two
pits within the fenced area.

The rancher informed that cattle which grazed on the property, had died, apparently of unknown causes. The
rancher reportedly arranged for tissue samples from the dead cattle to be analyzed at the Texas A&M School of Veterinary
Medicine. The laboratory results showed that elevated levels of arsenic and lead were reported in the tissue samples. The
ingested material may have been the cause of the cattle's deaths.

to perform a risk

During a 1999 site visit, two samples from the pits were collected and analyzed for the following:

- Total Petroleum Hydrocarbons (TPH; Texas Method TX 1005);
- Volatile Organic Compounds (VOCs; SW-8640 Method 8260);
- Semivolatile Organic Compound (SVOCs; SW-8460 Method 8270);
- RCRA Metals (EPA Methods 6010A and 7470);
- Pesticides (EPA Method 8084A);
- Herbicides (EPA Method 8151); and
- PCBs (EPA Method 8082).

The laboratory results are summarized below.

| | Sample No. Pit 1 (mg/kg) | Sample No. Pit 2 (mg/kg) |
|-----------------|-----------------------------|-----------------------------|
| Arsenic | <16 | <32 |
| Barium | 79.1 | 58.9 |
| Chromium | 37.4 | <13 |
| Lead | 26,100 | 31,800 |
| Mercury | 5.17 | 0.213 |
| Silver | 10 | <13 |
| Phenanthrene | 48.1 | 37.6 |
| TPH (C6 - C10) | 642 | 134 |
| TPH (C10 - C28) | 115,000 | 39,300 |

Scope of work

This site is located on land not owned by [REDACTED]. The land is part of an active cattle ranching operation. Every effort must be made to minimize interference with that operation. The pits are currently surrounded by barbed wire fence. The fence or wire gap may be taken down for access, however, it must be replaced at the close of work each day.

Work must be performed during daylight hours, Monday through Friday. Any work on Saturday or Sunday must be approved in advance by the [REDACTED] project manager.

The scope of the project includes the investigation and risk based evaluation of the three pits identified at the site as well as other affected media adjacent to the pits.

The specific objectives of the site investigation are as follows:

- assess the nature and extent of sludge like material in the pits and identify whether this material is or is not hazardous
- collect data in a manner that would enable the use of the information during potential future litigation;
- assess the extent of affected soil and/or shallow ground water;
- obtain sufficient data to facilitate development of appropriate risk based remedial actions pursuant to (TNRCC) requirements; and
- provide [REDACTED] with access to qualified team members for possible meeting(s) with the rancher, the rancher's experts, and the TNRCC

The following is a summary of tasks considered appropriate to meet the site investigation objectives:

Task 1: Historical information search, database review and preliminary receptor evaluation

The purpose of this task is to obtain additional information, if available, regarding historical use of the site. This task should also include collection of information sufficient to identify potential receptors.

Task 2: Prepare Health and Safety Plan

All contractors working at the site are required to have a written health and safety plan. At a minimum, this project will require the following specific tasks:

- A written health and safety plan which meets the requirements of the Occupational Health and Safety Administration (OSHA) CFR 29 Part 1910.120.
- Workers trained and certified to the requirements of CFR 29 Part 1910.120.
- Workers trained and certified to have met the requirements of UPRR's On Track Safety and Contractor Safety programs.
- Documented safety meetings prior to the start of each days' activities

Task 3: Assess the Nature and Extent of Sludge Like Material

The waste classification of the sludge like material has not been completely evaluated. Based on a review of the analytical results from the two previous samples, additional investigation, sampling, and analysis are warranted to assess the nature and volume of the sludge like material in the pits. The following suite of analyses should be performed on the sludge-like material:

- flammability;
- corrosivity;
- ignitability;
- reactivity;
- pH;
- free liquids;
- TCLP RCRA Metals;
- TCLP VOCs; and

- TCLP SVOCs.

Task 4: Evaluation of Soil and Ground water

To assess the nature and extent of potentially affected soil and ground water, eight soil borings will be installed at the perimeter of the pits. Four of the soil borings will be completed as monitor wells, one up gradient and three down gradient. In addition, three soil borings and one monitor well will be installed to document background conditions. The following samples will be submitted from the borings:

- 26 soil samples (approximately two from each boring plus two QA/QC samples) will be submitted for analysis of TPH by Texas Method 1005;
- five soil samples will be submitted for analysis of SVOCs by SW-846 Method 8270C to confirm the nature of the TPH;
- 26 soil samples will be submitted for analysis of RCRA Metals;
- one sample will be analyzed for geotechnical parameters (total porosity, total organic carbon (TOC), fractionated organic carbon (FOC), bulk density, grain density, and moisture content); and

The samples will be shipped under appropriate Chain-of-Custody procedures.

The monitor wells will be installed as two inch PVC wells using hollow stem auger techniques. Following completion of a soil boring, each monitor well will be constructed by placing a two inch (inside) diameter, Schedule 40 PVC, flush-threaded casing and 0.010-inch machine slotted PVC screen inside the hollow stem auger string and gradually lifting the augers as a filter pack is placed. A filter pack consisting of silica sand will be installed in the annular space between the borehole wall and the well screen, and will extend a minimum of two feet above the top of the screen. Pelletized bentonite will then be placed in the annular space to extend a minimum of two feet above the filter pack. Potable water will be added to hydrate the bentonite, if necessary. Monitor wells will be constructed to screen across the uppermost portion of the transmissive zone, based on field observations. The remaining annular space will be filled to near ground surface (i.e., tremie-grouted) with approximately 3% to 5% bentonite cement mix.

Soil cuttings generated during drilling will be stored on-site in labeled 55-gallon drums. Pending waste characterization, these drums will be handled and disposed in accordance with TNRCC and Federal guidelines. The monitor wells will be completed above grade with a protective steel cover set in a 4' x 4' x 4" thick concrete pad and locked at the casing.

Following well installation, each well should be developed in order to obtain ground water samples that are reasonably representative of the ground water quality at each location. Development will be complete when water quality parameters such as temperature, pH and specific conductance (SC) have stabilized and when water clarity shows no further improvement.

Subsequent to and within 24 hours of well development, a ground water sample will be collected from each monitor well using the low-flow sampling procedures specified by EPA. Field measurements for pH, turbidity, temperature, and specific conductance will be recorded during this time.

Ground water samples should be analyzed for the following parameters:

- TPH by TX Method 1005
- VOCs including MTBE by SW 8460 Method 8260
- SVOCs by EPA Method 8270
- RCRA Metals by EPA Methods 6010/7000

Samples will be placed in a cooler with sufficient ice to maintain a temperature of approximately 4°C. Appropriate chain of custody procedures will be followed and samples will be shipped via an overnight courier or hand delivered to an approved laboratory.

Task 5: Surveying

The location of each soil boring and monitor well will be surveyed in the field by a registered professional surveyor. The

natural ground surface elevation and the elevation of the top of well casing with well cap removed will be surveyed to the nearest 0.01 foot mean sea level (Ft. M.S.L.) for each well location. Additionally, the lateral coordinates of each well will be surveyed in reference to a site-specific coordinate system.

Task 6: Risk-Based Evaluation

Concentrations of constituents of concern will be compared to both Risk Reduction Standards (RRS) and Texas Risk Reduction Rule (TRRP) requirements. Site concentrations including statistically derived representative concentrations will be compared to TNRCC specified values. In accordance with TRRP procedures, site concentrations will also be compared with default (Tier 1) values.

Task 7: Report Preparation

A site investigation and risk-based evaluation report will be prepared to provide documentation for the analysis, interpretation, and compilation of the data collected during the investigation. The final report will include:

Introduction and Background

Site Description and History

Regional and Local Geological Information

Regional and Local Hydrological Information

Description of Sensitive Receptors

Objectives of Investigation Activities

Selection of Constituents for Analysis and Comparison Standards

Summary of Soil Sampling Results

Summary of Sludge-Like Material Results

Summary of Groundwater Results

Nature and Extent of Affected Soil

Nature and Extent of Affected Ground Water

Monitored Hydro geologic zones and Ground Water elevations

Evaluation of Findings with Respect to Cattle Deaths

Summary of Investigative Findings

Summary of Risk Based Evaluation

Conclusions

Recommendations

Figures (Site Location, Site Base Map with Sampling Locations, Cross Sections, Ground Water Elevations in the Uppermost Water-Bearing Zone, Constituent Isoconcentration maps)

Tables (Summary of Soil Quality, Summary of Sludge-Like Material Quality, Summary of Ground Water Quality, Ground Water Elevation Data)

Appendices (Available Soil Boring and Monitor Well Logs, Surveyor Data, Laboratory Reports)

Assume one draft (2 copies) and one final report (4 copies) will be prepared.

Task 8: Meetings

For the purposes of this scope of work, it will be assumed that two meetings are necessary to evaluate site conditions and a course of action for future activities. The first meeting will occur at an interim point in the project after the analytical data have been received. The second meeting will be for the purpose of reviewing the draft report. Senior members of the project team should attend the meeting and the meeting will be held at the [REDACTED]

Task 9: Waste Management

Waste generated during the investigation will be containerized in 55-gallon DOT approved drums, characterized for disposal, and stored on site pending disposal. Solid and aqueous material will be analyzed for waste characteristics as deemed appropriate by a [REDACTED] approved disposal facility. The waste will be transported to the disposal facility under proper manifest.

Selection Criteria

will award the contract based on quality of the proposal, suitability of personnel, and cost.

The quality of the proposal will be based on: 1) completeness of the proposal, 2) timeliness of work to be performed, 3) expertise of the personnel.

Only qualified proposals with suitable personnel will be evaluated for cost. Suitable personnel are those individuals that demonstrate a high level of expertise, as described below. Cost will be evaluated on the proposed unit rates, the level of effort per unit rate to complete each task, and total estimated price. The successful bidder will be required to complete the tasks to the satisfaction of within the proposed time and costs. No change orders will be allowed for tasks that stay within the proposed scope of work.

Expertise of the engineering firm will be evaluated on the experience of the project team in managing projects of this nature, knowledge of the Texas Environmental Regulations, and knowledge of the Federal and State regulations pertaining to remediation and disposal of hazardous waste, solid waste, petroleum wastes, and recycling of materials.

A proposal that does not contain all of the information requested will be rejected. Proposals will also be evaluated based on the bidders ability to complete the project in a timely manner.

Statement of Project Understanding

Your proposal must include a section titled "Statement of Project Understanding." This section is limited to one page, and must include: 1) a statement that the engineering firm has reviewed the bidding instructions and project information, 2) a statement of the project goals and objectives as perceived by the bidder and, 3) a statement that your firm is qualified to work on this project, understands and meets all of the requirements.

Project Team

Proposals must include a description of the primary project team. That description should include a brief resume to exceed 1/2 page, of each member including; education, professional registrations, and previous experience on projects with the name of the project manager. The proposal must also include the primary contact for the team.

Alternative Approach

The engineering firm must respond to the scope of work as specified in this request. In addition to the requested response, the engineering firm is provided the option to include a proven alternative or innovative approach that will be more cost effective or time efficient. Do not provide the alternative approach in lieu of the requested scope of work.

Prebid Site Visit

A prebid site visit is scheduled for Friday March 3 at 10:30 A.M. Participation in any such visit is recommended though not required. Questions should be submitted to [redacted] at [redacted] Old Road,

Proposal Document Organization

Please organize your proposal document in the following manner:

- Statement of project understanding
- Scope of work including a task for Health and Safety Guidelines
- Proposed cost per task, including level of effort and assumptions used
- Project schedule
- Project team
- Alternative options
- Appendix A: Service Item Bid Forms
- Appendix B: Statement of Business and Legal Relationships

RFP



Bid - ^{scope} vague & open
to ~~the~~ interpretation
consultant

Closure Standard

In addition to submitting the SIR and SIR Addendum to TNRCC in a timely manner, [redacted] has tendered a Notice of Intent to TNRCC to close the Site under Standard 3 of the Risk Reduction Rules ("RRR"). Thus, [redacted] has the option to close the Site under RRR or the Texas Risk Reduction Program ("TRRP"). The SIR Addendum includes some comparative information regarding RRR and TRRP relative to sampling results to date.

Scope of Proposal

This RFP is for a proposal to complete the VCP closure and obtain a final Certificate of Completion, including but not necessarily limited to:

1. Recommendation of the most advantageous closure standard for the Site under RRR or TRRP with supporting reasons;
2. Suggestion for phases/steps toward closure, including additional sampling (if any), a risk assessment (if necessary), a Response Action Work Plan ("RAWP" - the next report due under the VCP Agreement), additional reports and recommendations for and attendance at client and TNRCC meetings;
3. Estimate of time line and costs for each phase/step of the work;
4. Preparation of drafts of all reports and TNRCC correspondence for comments from [redacted] and its attorney before finalizing such reports and correspondence;
5. Assistance with access to off-site properties and related discussions with off-site owners regarding closure and potential institutional controls;
6. Assistance with seeking and obtaining environmental insurance, such as cost cap and pollution legal liability coverage, if sought by [redacted];
7. Consultation with [redacted] and its attorney throughout the closure process; and
8. Completion of any other recommended activities to obtain closure in an efficient and cost-effective manner.

[REDACTED]

Please note that any response to this RFP should not simply conform to the list above. Rather [REDACTED] is interested in your suggestions and guidance as a technical advocate to obtain closure as quickly and efficiently as possible.

Response to this RFP

[REDACTED] is requesting this proposal on a complimentary basis. [REDACTED] prefers a proposal with projected costs on a time-and-materials basis, including a "not to exceed" total amount/cap. In this regard [REDACTED] might consider incentives for cost savings, such as sharing a percentage of costs saved below the cap if the project is completed under budget.

[REDACTED] intends to obtain proposals from several environmental consulting firms. After its initial review of proposals [REDACTED] might wish to meet with some of the firms responding to the RFP before making its selection. If you are interested in responding to this RFP on this basis, then please provide a detailed narrative proposal, proposed contractual terms and conditions, names of key personnel, and qualifications of your firm and such personnel. The proposal should be sufficiently detailed to allow [REDACTED] to evaluate and compare the proposal to proposals from other consultants.

Please mark all pages of the proposal "Confidential" and keep it and any related information in confidence. Please submit the proposal by April 16, 2001 to:

[REDACTED]

[REDACTED]