

AGUIRRE CORPORATION
210 W 6TH STREET SUITE 1404
FT WORTH TX 76102
FAX 817 877 5261
PHONE 817 877 5260



THE CAN-DO SPIRIT THAT GETS THE JOB DONE

September 15, 1999

Mr. Jeff Markowitz
Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

**RE: Addison Emergency Dispatch Room
Tunnel CCTV and Emergency Phone System
Aguirre Project 1020908900**

Mr. Markowitz:

Attached are three copies of the CCTV/audio system design for the Addison Police Department Emergency Dispatch Center for your review. A project estimate has also been provided.

The design submitted reflects our understanding of all the requirements requested by the Police Department. The attached letter from our consultant, C. H. Guernsey, details these requirements. Complete component integration is required to interface with the equipment located at the Addison Tunnel Toll Plaza; therefore, we recommend that the City utilize SecureNet, Inc., the Addison Tunnel Security Contractor, to ease installation and warranty issues.

After reviewing the drawings and estimates, if you have questions, please call me at 817-877-5260. When you are ready to send the drawings out for bid, we can provide you with a reproducible set, and a copy of the CAD files on CD Rom.

Sincerely,
AGUIRREcorporation

A handwritten signature in black ink, appearing to read "Richard Dickerson". The signature is written in a cursive style and is positioned above the printed name.

Richard Dickerson. PE
Associate

Attachments

CC: Frost Gardner
File

September 9, 1999



C.H. GUERNSEY & COMPANY
Engineers • Architects • Consultants

Mr. Richard Dickerson
Aguirre, Inc.
210 West 6th, Suite 1401
Fort Worth, Texas 76137

Dear Richard:

Enclosed please find three copies of the CCTV/audio system design for the Addison Police Department. A project estimate has also been included for your review.

The CCTV/audio system design is based upon the scope of work and our understanding of the system requirements as expressed in our meeting on June 22, 1999. A site visit was made to the Addison Police Department where representatives from Aguirre, The Addison Police Department and C.H. Guernsey & Company met to discuss the requirements of the proposed system. System functions include the following:

- ◆ Capability to view all video cameras located in the Addison Tunnel and at the Toll Plaza.
- ◆ Control of pan/tilt /zoom video domes at the Toll Plaza.
- ◆ Receive duress alarm from the Toll Plaza.
- ◆ Video switching control.
- ◆ Audio interface with the telephone call boxes located in the Addison Tunnel.

As shown in the one line diagram provided in the drawing package, the system as designed utilizes four of the six available fibers leaving two spares. The fibers are being utilized in the following manner:

- ◆ Transmission of alarm output from apC access control panel.
- ◆ Transmission of 16 multiplexed video signals.
- ◆ Transmission of 4 multiplexed video and 1 RS232 duplex data signal.
- ◆ Transmission of audio signal.

Each video, audio, data, and alarm signals required for the specified functions at the Addison Police Department are received from the Addison Toll Plaza and transmitted, via the existing fiber backbone, from the Toll Plaza to the Emergency Dispatch Center (EDC). Each signal is received by the respective fiber modem and is directed to the proper equipment located

5555 North Grand Boulevard
Oklahoma City, OK 73112
405-416-8100
Fax 405-416-8111

Carl Stever, PE
Pat Carroll, AIA
Somas Patwardhan, PE
Stan Rankin, PE
Michael Moore, PE

Mr. Richard Dickerson
Aguirre, Inc.
September 9, 1999
Page 2

in the Communications Room at the EDC. From this point, the video signals are routed to the video matrix, which in turn directs the desired video to the quad unit. From here the video signal is passed to the monitors. The audio is terminated to a designated telephone number on the punch down block; the alarm signal is terminated at the video matrix alarm input panel and the data signal terminates at the video matrix. The ADTT keyboard controls video and the PTZ domes at the Toll Plaza through the video matrix.

To accomplish providing the functionality as specified, component integration will be required at the Addison Police Department and with existing equipment at the Toll Plaza. The specified equipment as shown on the drawings is fully compatible with the devices previously installed at the Toll Plaza. Due to the fact that the installation contractor will be required to interconnect existing devices with new components, we would strongly recommend this project utilize the same contractor that is currently installing the Tollway equipment to ease integration and warranty issues.

Should you have any questions or desire additional information, please do not hesitate to call. We appreciate the opportunity to work with you on this project and would welcome any future occasions where we could be of service.

Sincerely,

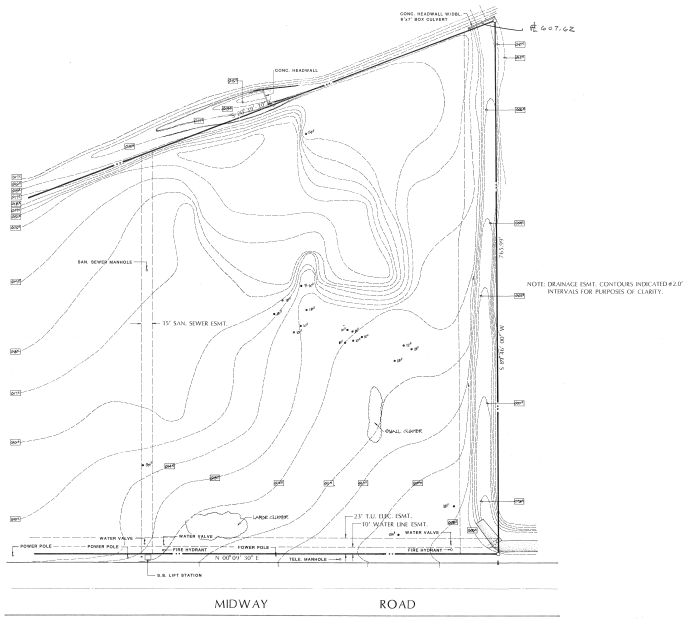
C.H. GUERNSEY & COMPANY



Mark Sever
Project Manager
Security Consulting Group
msever@chguernsey.com

Addison EDR
CCTV and Audio
Cost Estimate

<i>Equipment</i>	<i>Quantity</i>	<i>Estimated Equipment Price</i>	<i>Estimated Total Unit Price</i>	
AD2150 Video Matrix w/ ADTT Keypad controller	1	\$ 2,995.00	\$ 2,995.00	
ADULP - Looping Panel	1	\$ 395.00	\$ 395.00	
AD2096 Alarm Interface	1	\$ 995.00	\$ 995.00	
Robot MV77 Color Quad	1	\$ 955.00	\$ 955.00	
Sony 20" Color Video Monitor	2	\$ 955.00	\$ 1,910.00	
IFS VT16030-R3	1	\$ 12,000.00	\$ 12,000.00	
IFS VR16030-R3	1	\$ 12,000.00	\$ 12,000.00	
IFS VT5030DRDT-R3	1	\$ 4,875.00	\$ 4,875.00	
IFS VR5030DRDT-R3	1	\$ 4,875.00	\$ 4,875.00	
IFS DT1810 w/Power Supply	1	\$ 600.00	\$ 600.00	
IFS DR1810 w/Power Supply	1	\$ 600.00	\$ 600.00	
Opticom DTDC-2 Audio Rack	2	\$ 385.00	\$ 770.00	
Opticom TP500/XMT Audio Modem	1	\$ 1,765.00	\$ 1,765.00	
Opticom TP500/R Audio Modem	1	\$ 1,765.00	\$ 1,765.00	
Opticom Power Supply	2	\$ 56.00	\$ 112.00	
Winsted 19" rack w/ Locking Door	1	\$ 745.00	\$ 745.00	
Installation Hardware	1	\$ 750.00	\$ 750.00	
			\$ 48,107.00	<i>Estimated Total Equipment Price</i>
			\$ 21,648.00	<i>Estimated Labor</i>
			\$ 69,755.00	<i>Estimated Price - Equipment and Labor</i>



TOPOGRAPHICAL SURVEY

LOT 1, BLOCK A
BELTWOOD NORTH AIRPORT ADDITION
ADDISON, TEXAS

PREPARED BY:
GEORGE COLLIS LAND SURVEYORS
660 OLD FRISCO ROAD • FAIRVIEW, TEXAS 75069 • (214) 548-8101

