CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT CITY COUNCIL AGENDA MEMORANDUM

CONSENT AGENDA

TO: Mayor and City Council

FROM: Thomas G. Wendorf, P.E., Director of Public Works

SUBJECT: New Fire Fighting Training Academy - Field Alterations Number 10 & 11

DATE: November 3, 2005

SUMMARY AND RECOMMENDATIONS

This ordinance approves Field Alteration Number 10 in the amount of \$52,574.62 and Field Alteration Number 11 in the amount of \$74,022.30 payable to W.G. Yates & Sons Construction Company, for a total ordinance amount of \$126,596.92, in connection with the New Fire Fighting Training Academy, a 1999-2004 General Obligation Public Safety Improvement Bond funded project, located in Council District 6.

Staff recommends approval of this Ordinance.

BACKGROUND INFORMATION

This project provides for a new 45,600 sq. ft. facility, outdoor fire training props, and site development improvements. The facility is being built on 50 acres located at the City owned Southwest Business and Technology Center (previously known as the Van de Walle Property). The total budget for this project is \$9,580,000.00. Project construction is ongoing and expected to be completed in November of 2005.

This ordinance authorizes Field Alteration Number 10, in the amount of \$52,574.62, for the installation of electrical conduits and boxes for security cameras, and a new alarm system. This ordinance also authorizes Field Alteration Number 11, in the amount of \$74,022.30, for the installation of audio and video equipment. Field Alterations Number 10 and 11 are included herein as Attachments 2 and 3.

A previously executed construction contract with W.G. Yates & Sons Construction Company, in the amount of \$8,015,800 was approved by City Council on February 5, 2004, through Ordinance No. 98795. Subsequent construction field alterations have increased the contract to \$8,139,345.09. This ordinance will increase the total amount approved for this contract to \$8,265,942.01.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Council policy to participate in the development and construction of 1999-2004 General Obligation Public Safety Improvement Bond funded projects.

FISCAL IMPACT

This is a one-time capital improvement expenditure in the amount of \$126,596.92, within budget and not included in the FY 06-11 Capital Improvement Program Budget. Funding for Field Alteration Number 10 in the amount of \$52,574.62 is available from the previously authorized project construction contingency. Funding for Field Alteration Number 11 in the amount of \$74,022.30 is available from the project's post construction account. Funds in the amount of \$126,596.92 are appropriated and payable to W.G. Yates & Sons Construction Company.

COORDINATION

This request for ordinance has been coordinated with the Office of Management and Budget, the Finance Department and the Fire Department.

SUPPLEMENTARY COMMENTS

This contract was developed using the formal competitive bid process; therefore, a Discretionary Contracts Disclosure Form is not required.

ATTACHMENTS

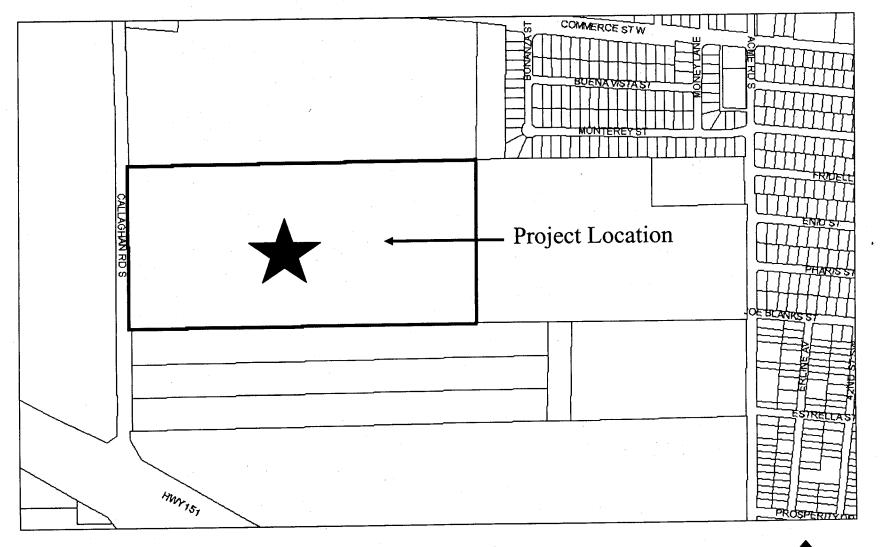
- 1. Project Map
- 2. Field Alteration Number 10
- 3. Field Alteration Number 11

Thomas G. Wendorf, P.E.,

Director of Public Works

Melissa Byrne Vossmer Assistant City Manager

J. Roland Bono City Manager



Fire Training Academy Callaghan Road Council District No. 6

G.I.S. Location Map

Attachment 2 G.I.S. Location Map Page 1 of 1

NORTH

			CITY OF SAN A PUBLIC WORKS DE FIELD ALTERATIO	EPARTMENT		Form PW-15 Rev. 5/2005 (Submit 2 Originals
					an a	
Date Prepared:	September 12 2005	Field Alteratio	on No. 10			Project No. 20-00100
Project Name:	Fire Fighting Train					
			· .			
The revision or ame SAP Material numb	endment described below per. Attach a revised plan	is to the work originally or sheet affected or drawings	previously specified is hereby s.)	requested, including a	Il changes in costs. (Describ	e work to be added or deleted, includin
Pr # 26- Provide e	lectrical conduits and b	oxes for security camera			\$7,293.57	
	Security Access Control CCTV Security System, I	System Provide New Alarm Syste	em.		\$15,407.15 \$29,873.90	
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Justification for Pro	posed Alteration (Describ	e in detail why this work is	to be added or deleted. Use	attachments if necessa	aw.):	
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NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide two (2) originals with supporting documents.

Fire Fighting Training Academy W.G. Yates & Sons Construction Company

Proposal Request #26

March 7, 2005

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March 7, 2005 Proposal Request No. 0026 Dated February 1, 2005 Proposal Request No. 0026 Dated February 1, 2005 Provised 4/11/05 Description: 001) At Bidg. "A" - add a 4x4 J-Box with 3/4" conduit stubbed to the above ceiling in Rm.A130 for security camera. (See PR 26.1) 002) At Bidg. "B" - Add 4x4 J-Boxes and 3/4" conduit where indicated, stubbed to above lay-in ceilings in the corridors indicated. (See PR 26.2) 002) At Bidg. "B" - Add 4x4 J-Boxes and 3/4" conduit where indicated, stubbed to above lay-in ceilings in the corridors indicated. (See PR 26.2) 002) At Bidg. "B" - Add 4x4 J-Boxes and 3/4" conduit where indicated, stubbed to above lay-in ceilings in the corridors indicated. (See PR 26.2) 003) At Bidg. "C", 5th level, add two 4x4 J-Boxes and 3/4" condult stubbed into control Rm. C106 for future camera: (See PR 26.3)

Phase	CT	Description	Oty.	LUN	Labor	Equip.	Mai	erial	Subco	ntrector	
	1		- CA.J.		Unit Price	Extension	Unit Price	Extension	Unit Price	10% Profit	Totals
16100	3	Outlet Box	3	Ea.	1	\$39.00	\$4.42	\$13_26		\$5.23	\$57.41
16100	3	1 Outlet Box Ext.	1 3	Ea.		\$23.50	\$3.02	\$8.06		\$3.26	\$35.82
16100	3	3.4" ENT	29	LF		\$24.50	\$0.85	\$17.08		\$4.16	\$45.74
16100	3	Core Wall		Es.	1	\$58.00	\$6.65	\$4,65		\$4.47	\$71.12
16100	3	3/4" EMT Connectors	14	Ea.		\$35.00	\$3.76	\$52.44		\$4.76	\$94.40
16100	3	1 Hole \$traps	4	EI.		\$2.50	\$0.37	\$1.44		\$0.40	\$4.34
18100	3	Hole Anchors	4	E).		\$14.75	\$8,08	\$0.32		61.61	\$18.68
16100	3	1/4" Anchors	4	EL.		\$13.75	\$1.06	\$4.24		\$1.80	\$19.78
18100	3	Outlet Boxee		EA.		\$87.50	\$4.92	\$24.12		\$11.16	\$122.78
15100	3	Outlet Extension Ringe		Dey		\$44.00	\$3.92	\$18.12		54.21	\$48.33
15100	3	3/4° ÉMT	500	U		\$577.00	\$0.89	\$445.00		\$102.20	\$1,124.20
16100	3	3/4" 1 Hole Strape	50	Ea.		\$31.00	\$0.37	\$18.50		\$4.85	\$54.45
16100	3	Orill Hole Anchors	50	E.		\$190.00	\$0.08	\$4.00		\$19.40	\$213.40
16100	3	1/1" Anchors	60	Es.		\$168.00	\$1.06	653.00		522.10	\$243.10
16100	3	Beem Clamps	35	Ē1.		\$318.00	\$4.34	\$151.90		\$46.99	\$516.89
16100	3	Core Drill Walls		Ez.		\$360.00	\$4.45	\$39.90		\$31.19	\$439.89
16100	3	Arlet Lift	2	Ez.		\$476.00	\$0.00	\$0.00		\$47.60	\$523.60
16100	3	3/4" Rigid Conduit	250	LF		\$490.00	\$2.83	\$732.50		\$162.25	\$1,784.78
18100	3	3/4" Unions	11	Ea.		\$180.00	\$11.30	\$113.00		\$29.30	\$322.30
16100	3	Field Beade	1	LS		\$42.00	\$0.00	\$0.00		\$8.20	\$64.20
											404.20
		Subtotal for Electrical Subcontractor				\$3,594.60		\$1,704.77		\$528.33	\$5.291 27
04200	3	Patching Gyp. Board walls @ A130	2	hrs	\$32.50	\$65.00		\$50.00		\$11.50	\$126.50
09250	3	Patch CMU/Brick veneer walls @ S.E. corner or Gym	2	hrs	\$38.00	\$76.00		\$50.00		\$12.40	\$138.60
09250	3	Patch CMU Block walls @ 8105/8100	2	hra	\$38.00	\$76.00		\$50.00		\$12.50	\$134.80
09250	3	Petch CNU Block walls & B111/B122	2	ha	\$38.00	\$76.00		\$50.00		\$12.80	\$138.60
09250	3	Patch CMU/Brick veneer walls @ N. W. comer of Gym	2	h/s	\$38.00	\$76.00		\$50.00		\$12.60	\$138.60
09900	3	Painting (petched areas & exposed conduit)	3	hrs	\$37.60	\$112.50		\$76.00		\$18.75	\$206.25
09900		Lift rental	1	LS		\$100.00				\$10.00	\$110.00
		Subtotal for Patching				\$541.50		6325 00		\$90.65	\$917.15
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	{	Totals for PR #26				\$4,176.00		\$2,029.77		\$620.68	\$7,213.57
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Fire Fighting Training Academy

W.G. Yates Construction Company

Proposal Request #23

3/18/2005; revised 6/08/05; revised 9/08/05 Proposal Request No. 30, Dated March 10, 2005

Description: 001) Provide Johnson Controls Security Access Control System as noted on PR30.1.

Phase	СТ	Description	Qty.	U/M	Labor/	Equip.	Material	Subcontractor	Totals
				I	Unit Price	Extension	Extension	Extension	
1000	6	See attached Johnsons Control Contract	1	L.S				\$14,008.50	\$14,006.50
1000	6								
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		10% Profit							\$1,400.65
									
]		Subtotal				1			\$15,407.15
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		Total							\$15,407.15

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September 7, 2005

Tom Forsberg O'Neill Conrad Oppelt Architects, Inc. 4039 Broadway San Antonio, TX 78209 RECEIVED SEP 0 8 2005

OCO ARCHITECTS

Re: Proposal Request #41 The New Fire Fighting Training Academy

Dear Mr. Forsberg,

We have received the cost proposal to provide the recessed CCTV Security System. We offer to perform the work for \$29,873.90. The cost is based on the proposal received from Tanesco Systems, Inc.. Included in the proposal is 10 % profit as allowed by the contract. We look forward to the response from O'Neill, Conrad, Oppelt as soon as possible. Please forward any questions or request for further information to me.

Sincerely,

MAGACC

Mike Wallace Assistant Project Manager

File: 58402 - Corr. to Arch. PR #41

Ce: J. Franco

14607 SAN PEDRO AVENUE, SUITE 190 · SAN ANTONIO, TEXAS 78232 PHONE (210) 497-3973 · FAX (210) 497-3978

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PR. 41.1

SAFP CCTV TRAINING ACADEMY

DATE: 1/14/2005

Scope of Work : CCTV SYSTEMS

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Tanacco

10715 Gulfdale #204 Sen Antonio, Tx. 78216

Qty.	Part #	Description	Sale Cost	Sale Total
		WALL MOUNT CAMERA 5-50MM		
1	UNPCH55E	LENS	875.00	875.00
		16 CAMERA DVR W/480 GIG		
1	DB16B20481	HARD DRIVE	6996.50	6,996.50
1	MON17L	17' HIGH RES COLOR MONITOR	1393.00	1,393.00
1	ENVPSU-1	POWER SUPPLY FOR DOMES	140.00	140.00
4	LTC-8786	BIPHASE CONVERTER	266.00	266.00
1	L1C-0/00	COLOR DOME 18X CORNER	200.00	200.00
1	ENVD2460C	MOUNT	2310.00	2,310.00
_		POWER SUPPLY FOR 8		
1	LTC-5408/60	CAMERAS	98.00	98.00
3000	WIR0712	TAPPAN P20RG59FM+18/2/CMP BNC (20) CONDUIT	0.50	1,512.00
1	MISC	CONNECTORS	140.00	140.00
		MINI-DOME CAMERA W/2.8-6MM	,	
)	LTC-1461/20	LENS	329,00	329.00
		TSS Parts		14,270.90
		TSS Labor		5,428.00
		Total Parts & Labor		19,698.90

Notes:

Prepared By: TROY BANIK

Option #1

This is the basic system with one fixed camera to look at gate. One camera in lobby and one camera on back of the building to pan tilt and zoom on property. In the future when you added cameras you need to pall wire and add camera, the controller and software and recorder are all built-in to system.

PR 41.2

SAFD ACADEMY ALARM SYSTEM

Scope of Work : INSTALL NEW ALARM SYSTEM

TANSECO SYSTEMS INC 10715 Culidale #204 SAN ANTONIO, TX, 78216

			379-7346	
Qty.	Part #	Description	Sale Cost	Sale Total
1]]	PNL5000	D7412	291.00	291.00
3	PNL0321	D1255	150.77	452.30
2	BUR0221	DS8351 35' DUAL TEC wall mount motions	37.50	75.00
18	BUR0110	DOOR CONTACT RECESSED		182.25
1		POWER SUPPLY	187.50	1 <u>87.50</u>
5000	WIR0201	22/4 WIRE	0.11	525.00
3	PNL4005	BOSCH DB128D OCTOPOPIT	89.69	269.06
1	MISC	PARTS, AS NEEDED INCLUDING BATTERY	300.00	300.00
1000	WIR703	18/2 FPLP OV/SH PLEN	0.14	135.00
17	BUR0222	CROW TL360 DEG. CEILING MOTION	41.93	712.73
		TSS Parts		-3,129.84
,		TSS Labor		4,329.16
		Total Parts & Labor		7,459.00

MONTLY MONITORING FEE 30.00 PER MONTH

ONE YEAR WARRANTY PARTS.

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		PUB	ITY OF SAN ANTONIC BLIC WORKS DEPARTME LD ALTERATION REQUE	ENT	Form PW-15 Rev. 5/2005 (Submit 2 Origina
Date Prepared:	October 6, 2005	Field Alteration No.			Project No. 20-00100
Project Name:	Fire Fighting Training Act				
(Project Name as si	hown on the Work Project Author	onzation)	n an	an an an tao tao amin' amin Amin' amin' amin	
SAP Material numb	er. Attach a revised plan sheet nd install the audio video equ	affected or drawings.)	i a construction de la construction La construction de la construction d	including all changes in costs. () \$74,022.30	Describe work to be added or deleted, inclu
Justification for Prop See attached back	oosed Alteration (Describe in de up documentation.	tail why this work is to be add	ded or deleted. Use attachments	s if necessary.):	
	가려 있는 것을 <mark>알았다.</mark> 같은 것은				- 2016년 1917년 1월 1917년 1월 1917년 1월 1917년 1월 1917년 - 일종 1월 1917년 1월 1917년 1월 1917년 1월 1917년 1월 1917년 1월 1917년 1월 1917년 - 일종 1월 1917년 1월
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REQUESTED BY:	a anto a constanta a constanta a A seconda a constanta a	inin a n marangai na m <u>an</u> ana ing			
O'Neill Conrad Op	pelt Architects, Inc Architec	t 10/6/05	W. G. Yates & Sons Con	struction Company	1월 24일 1월 28일 - 일종 2 1일
City, Consulting Eng	ineer/ Architect, Other (Please	Specify) Date	Contractor: David Burton	1	Date
Address: 4039 Broa	adway, San Antonio TX 78209	Specify) Date		Tom H. Lyp	<u></u>
Address: 4039 Brok	adway, San Antonio TX 78209		Contractor: David Burton Title: Vice President	Tom H. Lyp L. S.AW.S., etc.) CARL	
Address: 4039 Brok	sdway, San Antonio TX 78209	Specify) Date <u>10/6/05</u> <u>Date</u> <u>10-7-05</u> Date	Contractor: David Burton Title: Vice President Firm: Others: (If required; i.e., City Dept	Tany XI. Lyp L. S.AW.S., etc.) CMML Capital Programs Manager	<u></u>
Address: 4039 Brok	sdway, San Antonio TX 78209	- 10/6/05 Opte 10-7-05	Contractor: David Burton Title: Vice President Firm: Others: (If required; i.e., City Dept		
Address: 4039 Brok	sdway, San Antonio TX 78209	- 10/6/05 Opte 10-7-05	Contractor: David Burton Title: Vice President Firm: Others: (If required; i.e., City Dept William E. Krause, COSA	Capital Programs Manager	
Address: 4039 Brok	adway, San Antonio TX 78209	- 10/6/05 Opte 10-7-05	Contractor: David Burton Title: Vice President Firm: Others: (If required; i.e., City Dept William E. Krause, COSA	Capital Programs Manager	
Address: 4039 Brok	adway, San Antonio TX 78209	<u>10/6/05</u> Date <u>10-7-05</u> Date	Contractor: David Burton Title: Vice President Firm: Others: (If required; i.e., City Dept William E. Krause, COSA	Capital Programs Manager	Dete
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NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide two (2) originals with supportion documents.

Fire Fighting Training Academy W.G. Yates Construction Company

Proposal Request # 40

9/15/2005 Proposal Request No. 42, Dated August 16, 2005

Description: Furnish and install the audio video equipment described in the attached drawings and specifications.

Phase	СТ	Description	Description Qty. U/M Labor/ Equip.		Equip.	Material	Subcontractor	Totals	
					Unit Price	Extension	Extension	Profit	
11130	2	See attached proposal from Digital Display Solutions, Inc.	1	LS					\$63,293.00
9250	3	Patching Allowance	1	LS		······································			\$4,000.00
	 								
······		Subtotal							\$67,293.00
	<u> </u>	Yates 10% Profit							\$6,729.30
		Total							\$74,022.30

DIGITAL DISPLAY SOLUTIONS, INC. Audio Visual System Design, Sales, Rental

Section 5. Equipment Schedule with Recommended Substitutions

ITEM MODEL DESCRIPTION PRICE OTY EXT PRICE

LECTURE HALL AV SYSTEM

1	Audio Technica	ES935SC	Lecturn Gooseneck Microphone	\$219.00	1	\$219.00
2	Audio Technica	AWE-1453	Wireless Microphone System	\$548.00	1	\$548.00
3	Crestron	C2N-TTVFM	TV Tuner with Rack Mount	\$718.00	1	\$718.00
4	Panasonic	PV-D4744K	DVD/VCR Combo	\$169.00	1	\$169.00
5	MAP	RSH	Rack Mount for DVD/VCR	\$51.00	1	\$51.00
6	EXTRON	CIA114	Computer Interface with VGAM 6' Cable	\$465.00	1	\$465.00
7	Biamp Nexia PM	DPS Mixer (MIX 1)	Audio Mixer Processor	\$2,100.00	1	\$2,100.00
8	Crown	CTs 4200	Four Channel Amplifier (PA-1)	\$965.00	1	\$965.00
11	JBL	Control 26CT	Ceiling Speakers (SP-A)	\$115.00	10	\$1,150.00
12	JBL	Control -28-WH	Program Speakers with wall mounts	\$175.00	2	\$350.00
13	Sennheiser	SZI 1015-T	Assistive Listening System Transmitter / Emitter	\$986.00	1	\$986.00
14	Sennheiser	R1250	Assistive Listening Receiver	\$121.00	4	\$484.00
15	Sennheiser	L151-10/NT	Assistive Listening Battery Charger	\$285.00	1	\$285.00
16	Sennheiser	ADA	ADA Wall Plaque	\$35.00	2	\$70.00
17	Infocus	LP840	Multimedia Projector (VP 1)		1	
sub	* Hitachi	CPX1200	Multimedia Projector (VP 1)	\$3,632.00	1	\$3,632.00
	Hitachi is orig.manuf	acturer				
18	Infocus	022 0.8:1	Optiona Short throw Lens		1	
sub	Hitachi	FL-501 0.8:1 lens	Same lens	\$1,499.00	1	\$1,499.00
	Hitachi	spare lamp		\$429.00	1	\$429.00
19	Draper		Projector Support Stand	\$1,610.00	1	\$1,610.00
20	EXTRON	DVS-406	Video/Audio Switcher/Scaler (SW-1) 6x1 w/rack	\$2,576.00	1.	\$2,576.00
21	EXTRON	SW4 VGAArs	Video /Audio Switcher Scaler (SW-2)	\$635.00	1	\$635.00
22	EXTRON	60-190-01	Rack Mount for Video Switcher	\$45.00	1	\$45.00
23	Crestron	AV2	Central Controller with power supply (RCS-1)	\$1,645.00	1	\$1,645.00
24	Crestron	CN-TVAV	Central Controller (RCS-2) with Power supply	\$545.00	1	\$545.00
25	Crestron	TPS-3000 /HBK-3000-	Control Touch Panel (TP-1)	\$2,345.00	1	\$2,345.00
26	Crestron	ST-PC	Power Module	\$175.00	1	\$175.00
27	Crestron	ST-RMK	Rack Mount for Power Module	\$99.00	1	\$99.00
30	Middle Atlantic	ERK-4025	Equipment Rack 20RU (ER-1) w/rear rails	\$495.00	1	\$495.00
31	RCI		Custom floorplate	\$255.00	1	\$255.00
32	Van San	President 1700-40	Lecturn (LCT 1) wit document camera drawer	\$3,450.00	1	\$3,450.00
33	Surge	MAP	Power Strip (PWR-1)	\$68.00	1	\$68.00
34	Wireless Computing	RF-220	Wireless Keyboard	\$322.00	1	\$322.00
35	MAP	SB	Rack blanks	\$13.00	9	\$117.00
36	MAP	VT	Rack vent plates	\$12.00	2	\$24.00

Equipment Total

\$28,526.00

DDS, Inc. . 403 E. Ramsey, #104 . San Antonio . Tx. . 78216 . (210) 404-1233

DIGITAL DISPLAY SOLUTIONS, INC. Audio Visual System Design, Sales, Rental

Other costs:		
Installation Materials	All cables, connectors, and misc. materials required to install all above equipment	\$44 5.00
Installation Labor	All labor requited to install all above equipment & materials 2 men X 30 hrs @ \$65.00 per m <i>a</i> n hr = \$3900.00	\$3,900.00
Crestron Programming	Custom software programming for Crestron Control System	\$3,300.00
Freight charges		<u>\$600.00</u>
LECTURE HALL TOTAL		\$36,771.00

(100)38 DESCRIPTION **FRICE** OT: EXTPRICE

CADET TRAINING ROOM (A108) TRAINING ROOM

1	EXTRON	MPA 122	(PA-2) Amp with 70-374-01 Projector Mounting I	\$230.00	1	\$230.00
2	TOA	A-712A	(PA-3) Amplifier with MB-21B2 Rack Mount Kit	\$403.00	t	\$403.00
3	JBL	Control 26CT	Ceiling Speakers (SP-A)	\$115.00	12	\$1,380.00
4	JBL	Control -28-WH	Program Speakers with wall mounts	\$175.00	2	\$350.00
5	Infocus	LP815	Video Projector with Standard 1.8:1 - 2.4:1 Zoon	• • • • • • • •		• • • • •
sub	* Hitachi	CPX444	Video Projector with Standard 1.8:1 - 2.4:1 Zoon	\$2.375.00	1	\$2,375.00
	> 3200 lumens vs 2	800		• • • • • • • • • • •		
6	Hitachi	Spare lamp	spare lamp	\$399.00	1	\$399.00
7	Premier	PBC-UMS	Universal Ceiling Mount	\$159.00	1	\$159.00
8	Raxass	ERK-20	20 RU Equipment Rack (ER-K) with Plexiglas dc door	\$402.00	1	\$402.00
9	RCI	AVD Series	Rack plate	\$149.00	1	\$149.00
10	MAP	SB	Rack blanks	\$13.00	4	\$52.00
				<i><i>t</i></i> 10.00	-	••••••
	Equipment Total					\$5,899.00
	Other costs:					
	Installation Materials		All cables, connectors, and misc. materials required to install all above equipment			\$325.00
	Installation Labor		All labor requited to install all above equipment & materials 2 men X 20 hrs @ \$65.00 per man hr ≖ \$2600.00			\$2,600.00
	Freight charges					\$300.00
	CADET TRAINING	ROOM TOTAL				\$9,124.00

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DIGITAL DISPLAY SOLUTIONS, INC.

Audio Visual System Design, Sales, Rental

<u>ue:</u>	Make	MODEL	DESCRIPTION	PRICE	(2))//	EXT PRICE
	CLASSROOM	AV SYSTEMS (R	DOMS A107, A110, A115, A144)			
1	EXTRON	MPA 122	(PA-2) Amp with 70-374-01 Projector Mounting }	\$230.00	4	\$920.00
4	JBL	Control -28-WH	Program Speakers with wall mounts	\$175.00	2	\$350.00
5	Infocus	LP815	Video Projector with Standard 1.8:1 - 2.4:1 Zoon			
sub	* Hitachi	CPX444	Video Projector with Standard 1.8:1 - 2.4:1 Zoon	\$2,375.00	4	\$9,500.00
	> 3200 lumens vs	; 2800	-			
6	Hitachi	Spare lamp	spare lamp	\$399.00	4	\$1,596.00
7	Premier	PBC-UMS	Universal Ceiling Mount	\$159.00	4	\$636.00
9	RCI	Custom	Wall plates	\$149.00	4	\$596.00
	Equipment Total	I				\$13,598.00
	Other costs:					
	Installation Materi	als	All cables, connectors, and misc. materials required to install all above equipment	\$225.00	4	\$900.00
	Installation Labor		All labor required to install all above equipment & materials 2 men X 5 hrs @\$65.00 per man hr = \$650.00 per room	\$650.00	4	\$2,600.00
	Freight charges		periodit			\$300.00
	CADET TRAININ	G ROOM TOTAL	· · ·			\$17,398.00

Section 6. Cost Summary:

Digital Display Solutions Inc. will complete the engineering, installation, programming, testing and certification of the interactive multimedia systems and facilities that have been specified in your Proposal Request. We will also provide complete user training, full documentation and a One Year Warranty on all equipment and labor for the following costs:

DDS, Inc. . 403 E. Ramsey, # 104 . San Antonio . Tx. . 78216 . (210) 404-1233



SAN ANTONIO FIRE ACADEMY PROJECT PRICE RE-CAP

Lecture Hall A/V System Total	\$36,771.00
Cadet Training Room (A108) A/V System Total	\$9,124.00
Classrooms (A107, A110, A115, A144) A/V Systems Total	<u>\$17.398.00</u>
PROJECT TOTAL	\$63,293.00

Section 7. Proposal Summary

Digital Display Solutions Inc. looks forward to working on this exciting and challenging project. We are available to review and discuss any part of this proposal and if required will make what ever adjustments that would make the proposal more acceptable to Yates Construction and the San Antonio Fire Fighting Training Academy.

Thank you for your consideration.

Submitted by

Roger Harbert, President Digital Display Solutions Inc.

DDS, Inc. . 403 E. Ramsey, #104 . San Antonio . Tx. . 78216 . (210) 404-1233