



DATA PROJECTIONS

**WILCO - AV Systems Upgrade - New Attorney General
Courtroom - TIPS 210101**

Quote # [REDACTED]

Version 1

Prepared for:

Williamson County

Don Heflin

don.heflin@wilco.org



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4616 W. Howard Ln
Suite 140
Austin, TX 78728
www.dataprojections.com
512.420.8856

Wednesday, June 1, 2022

Williamson County

Don Heflin

,
don.heflin@wilco.org

RE: WILCO - AV Systems Upgrade - New Attorney General Courtroom - TIPS 210101

Dear Don,

Thank you for allowing Data Projections the opportunity to present this solution for Williamson County.

As a leading audio visual communications design/build firm, Data Projections is uniquely qualified for a project of this scope. Our experience includes solutions for:

- Multipurpose rooms and auditoriums equipped with large-venue audio visual technology solutions
- Videoconferencing systems incorporating control and complete room collaboration, allowing for on-demand decision making and communication among remote locations
- Conference, board rooms and training rooms of all shapes and sizes
- Digital signage implementations across enterprise, university, and district campuses for immediate message distribution
- Operation Center's (NOC's, EOC's, SOC's) audio visual command and control systems
- College and university classrooms, lecture halls and labs
- Individual school classrooms to entire districts
- And many more unique applications

Because we partner with the best technology companies in the industry, we're able to provide a wide range of comprehensive solutions built around the specific needs of our customers, while taking into account the technical, capital and logistical factors involved in each project and solution.

Rapid and effective communication is key to staying ahead of the competition. Better communication leads to better decisions - and better results. How do you maintain consistent communication across your organization as well as external audiences? Data Projections' team of professionals will keep you simply connected.

Kind regards,

Mark Mazac

Account Executive

Austin



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Executive Summary

Scope Introduction

Data Projections is providing this proposal at the request of Williamson County for Audio Visual System Upgrades to a new Attorney General Courtroom in basement level at the Tele-Justice Center.

-Project Location:

Williamson County Courthouse

405 Martin Luther King

Georgetown, TX 78626

-Onsite Point of Contact:

Don Heflin

Williamson County

Phone: 512-409-6222

Don.Heflin@wilco.org

SCOPE OF WORK - WILCO – New AG Courtroom – AV Systems Upgrades

Data Projections will provide, install, and test the following in the Courtroom as follows:

VIDEO:

- 1 – 86” Display at back wall to right of Judge (if looking at Judges bench)
- 1 – 65” Display on half wall to left of Witness stand (if looking at Judges bench)
- 4 – 55” Displays ceiling mounted in Public Gallery Area
- 24” Annotation Monitor for Witness
 - USB to be routed through extenders for control of Rack Mounted Extron Annotator
 - Monitor will attach via monitor swing arm
- Document Camera
 - Location TBD with Wilco
- Multi input connections at Prosecution and Defense

VIDEO CONFERENCING:

- DPI will provide and Install (2) cameras in the Courtroom to capture image of Judge’s bench and/or Attorney’s Tables area.
 - The new RoboSHOT 30E camera feeds will be routed into the Crestron HD-WP-4K-401-C to allow for multiple



Executive Summary

Camera layouts via the Crestron Touch Panel in the Courtrooms to be utilized during Video Sessions.

- The control of the new Camera System will be programmed into the Crestron Touch Panel to allow for calling/answering/camera(s) control in the Courtroom.
- 4x1 Crestron Video Processor HDMI output will feed Biamp LUX encoder and be routed to Input 1 on Vaddio AV2x1 Bridge
 - Biamp LUX System will feed Input 2 on Vaddio AV2x1 Bridge
 - This will be for User sources from Courtroom
- AVBridge / Whatever Client wants to call it will be selected on Touch Panel
 - User will then be able to Pick Camera Layout as well as if Content from in-room sources are needed to feed AV Bridge
 - Dual Camera Mode, Single Camera Mode (Camera 1 or Camera 2), Dual Camera + Room Source Content, Single Camera + Room Source Content
 - USB from AVBridge will be a selectable input on PC Soft Codec of choosing (Zoom, TEAMS, etc.)
 - USB from PC will be extended into Courtroom (Connect to USB Extender Unit) to host Keyboard and Mouse
- OFE PC for Soft Codec Integration

AUDIO:

- Dante Audio with POE will feed Audio Input/output on AVBridge
- OFE – Ceiling Speakers
- Biamp Tesira Forte x 1600
 - VOIP Calls similar to Justice Center capabilities
- 4 – Wireless Gooseneck Microphones
 - Prosecution/Defense
 - Charging station located next to Judge's bench
- 2 – Wired Gooseneck Microphones
 - Judge and Witness
- 1 – MXA310 for Sidebar at Judge's Bench
- Shure XLR to Dante for Wired Gooseneck signal extension back to AV Rack
- RDL – Dante Headphone Amplifier with volume knob
 - Located at court reporter station
- Assisted Listening Transmitter
 - Located in courtroom
 - Location TBD on walkthrough
 - Dante connection back to DSP
- QTY. 4 – Sennheiser TeamConnect 2 Ceiling Microphones
 - These will be for Voir Dire in the Public Gallery area.

CONTROL:

- 10" Crestron Touch Panel at Judge's bench
- 9" Crestron Wireless Panel

Courtroom Overflow Viewing in Hallway:

VIDEO:

- DPI will utilize the Vaddio Cameras in each Courtroom to capture Judge's bench and/or Attorney's Tables area and send video to Hallways Display. During the VTC call, the Hallway camera feed will mirror the Camera feed in the call.



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- DPI will install (1) new 55" Displays on flat wall mount in Hallway outside the Courtroom
 - The control of the Vaddio Camera and display will be programmed into the existing Crestron Touch Panel.
 - DPI will install equipment in ceiling mounted enclosure above display
 - This will allow for low profile display mount to ensure ADA Compliance
 - Wilco will need to provide power and ceiling mount and display location

IDF/AV Rack Room:

- New Rack in allocated IDF closet
 - Williamson County to provide adequate ventilation for equipment
- UPS unit with 2 – Additional Batteries for extended run-time
- Slim AV Podium for Presentations

MISC. Materials-

- All Cables, Connectors and Consumables are detailed in quote and/or included in Project Totals

Special Notes:

-Williamson County will provide power for all AV equipment and will ensure DPI technicians have ample time and full access to the space for installation in Courtroom and IDF.

-Williamson County ensures that any/all existing owner-furnished-equipment (OFE) is in good working condition, if applicable.

-Williamson County will provide IT and Facilities Support for Network, Electrical, HVAC, and/or physical limitations that may be incurred.

Scope Conclusion:

Upon acceptance of this proposal, provide a signed proposal and Purchase Order including payment method delivered to Data Projections. Installation date will be confirmed once this documentation is received.

Change Orders:

As noted elsewhere in this document, no product changes/substitutions nor changes or modifications in equipment location will be made without the express written consent of Williamson County & Data Projections. Any requests for deviation to this contract or incomplete client requirements may result in additional fees.

Room 1 - Hardware

Mfr.	Description	Price	Qty	Ext. Price
AG Courtroom				



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Room 1 - Hardware

Mfr.	Description	Price	Qty	Ext. Price
<i>Video Conferencing System</i>				
VADDIO	999-99630-100 RoboSHOT 30E OneLINK HDMI SYS	\$4,955.89	2	\$9,911.78
CRESTRON	HD-WP-4K-401-C 4K Multi-Window Video Processor with HDBaseT & HDMI Outputs	\$4,320.99	1	\$4,320.99
VADDIO	999-8250-000 AV Bridge 2x1 N/A	\$2,489.30	1	\$2,489.30
<i>Video System</i>				
PANASONIC SOLUTIONS COMPANY	TH-86EQ1W ENTRY-LEVEL 4K PROFESSIONAL DISPLAY FEATURING THIN AND STYLISH DESIGN WITH NARRO	\$5,863.41	1	\$5,863.41
PANASONIC SOLUTIONS COMPANY	TH-65SQE1W 65-INCH 4K UHD 500CD/M2 24/7 SDM	\$2,290.24	1	\$2,290.24
PANASONIC SOLUTIONS COMPANY	TH-55SQ1W 4K LCD DISPLAY	\$2,234.94	4	\$8,939.76
Extron	60-1316-01 HDCP-Compliant Annotation Processor with DTP Extension	\$4,219.51	1	\$4,219.51
PLANAR	997-7052-00 HELIUM 24-INCH WIDE BLACK PROJECTED CAPACITIVE MULTI-TOUCH EDGE-LIT LED LCD, USB	\$432.93	1	\$432.93
Crestron	USB-EXT-2-REMOTE-1G-W USB over Category Cable Extender Wall Plate, Remote, White	\$402.44	2	\$804.88
Crestron	USB-EXT-2-LOCAL-1G-W USB over Category Cable Extender Wall Plate, Local, White	\$402.44	2	\$804.88
WolfVision	VZ-3neo CMOS 1080p Desktop Visualizer	\$2,607.32	1	\$2,607.32



Room 1 - Hardware

Mfr.	Description	Price	Qty	Ext. Price
Biamp Systems	TesiraLUX IDH-1 AVB video encoder; includes one HDMI 2.0 port and one DisplayPort 1.2 port. Accepts 8 channels of embedded PCM audio and includes 2 mic/line level analog inputs	\$1,341.46	9	\$12,073.14
Biamp Systems	TesiraLUX OH-1 AVB video decoder; includes one HDMI 2.0 port. 8 channels of embedded PCM audio and includes 2 mic/line level analog outputs.	\$1,341.46	10	\$13,414.60
NETGEAR	GSM4248UX AV LINE M4250-40G8XF-POE++ -100NAS 40X1G ULTRA90 POE++ 802.3BT 2,880W AND 8XSFP+ MANAGED	\$4,995.09	1	\$4,995.09
NETGEAR	AVB4248UX-10000S AVB4248UX AVB LICENSE FOR M4250-40G8XF-POE++	\$1,157.66	1	\$1,157.66

Audio System

Cambridge	E-A-W-16-4	Standard Emitters, White, 4 pack, with 4 x 16 ft white plenum rated cables	\$304.88	4	\$1,219.52
Biamp Systems	Qt X 300	Qt X Controller, 3 Qt Outputs	\$1,707.32	1	\$1,707.32
Extron	60-1761-02	Two Channel Amp, 100 watts at 70 volts	\$579.27	1	\$579.27
Biamp Systems	TesiraFORTÉ X 1600	Meeting Room DSP with 4 integrated PoE ports. AVB and Dante, 2x2 analog I/O, Stereo USB and 16 channels of AEC.	\$3,963.41	1	\$3,963.41
Extron	60-1761-02	Two Channel Amp, 100 watts at 70 volts	\$640.24	1	\$640.24
Shure	MXWNCS4	4-CH NETWORKED CHARGING STATION	\$1,218.29	2	\$2,436.58



Room 1 - Hardware

Mfr.	Description	Price	Qty	Ext. Price
Shure	MXWAPT8-- 8-CH ACCESS POINT Z10 TRANSCEIVER	\$2,860.43	1	\$2,860.43
Shure	MXW8--Z10 DESKTOP BASE TRANSCEIVER	\$487.80	4	\$1,951.20
Shure	MX415LPDF 15" Shock-Mounted /C Gooseneck, Green/Red LED Ring at bottom, Less Preamplifier, Dual Flexible, Cardioid	\$189.02	4	\$756.08
Shure	ANI4IN-XLR 4-Input, XLR connectors, Mic/Line Dante Audio Network Interface with PEQ and Audio Summing	\$469.51	1	\$469.51
RDL	AV-NH1 Network to Stereo Headphone Amplifier - Dante	\$408.72	1	\$408.72
Shure	MX412D/C Cardioid-12" Desktop Gooseneck Condenser Microphone, Attached 10' XLR Cable, Logic Functions, Programmable Switch and LED Indicator, Attached Desktop Base	\$256.10	2	\$512.20
Shure	MXA310B TABLE ARRAY,BLK	\$791.46	1	\$791.46
William Sound AV	FM 557 PRO FM Plus Large-area Dual FM D and Wi-Fi assistive listening system with 4 FM R37 receivers. Features Dante input, coaxial cable and rack panel kit for professional installation. System includes: (1) FM T55 D transmitter, (4) PPA R37N receivers, (4) EAR 02	\$1,680.18	1	\$1,680.18



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Room 1 - Hardware

Mfr.	Description	Price	Qty	Ext. Price
SENNHEISER ELECTRONIC CORPORAT	509178 TEAMCONNECT CEILING 2 MICROPHONE KIT. INCLUDES (1) TEAMCONNECT CEILING 2 MICROPH	\$3,497.62	4	\$13,990.48
<i>Control System</i>				
Crestron	CEN- GWEXER- PWE infiNET EX & ER Wireless Gateway w/PoE Injector	\$369.51	1	\$369.51
Crestron	TST-902 8.7" Wireless Touch Screen	\$2,548.78	1	\$2,548.78
Crestron	ANT-EXT-10 10 ft Antenna Extender	\$80.49	1	\$80.49
Crestron	TS-1070-B-S 10.1 in. Tabletop Touch Screen, Black Smooth	\$2,012.20	1	\$2,012.20
Crestron	CP4N 4-Series Control System	\$1,878.05	1	\$1,878.05
<i>Miscellaneous Hardware</i>				
SurgeX	SA-82 SURGE & POWER COND 8A 2PORT	\$329.27	8	\$2,634.16
Chief	XTM1U Micro-Adjust Tilt Wall Mount X -Large	\$301.68	1	\$301.68
CHIEF	LDB1U LARGE FUSION BOLT-DOWN TABLE STAND	\$507.95	1	\$507.95
CHIEF	RMF2 MEDIUM UNIVERSAL FIXED MOUNT	\$79.37	1	\$79.37
CHIEF	MCM1U SINGLE CEILING MOUNT MEDIUM BLACK	\$255.42	4	\$1,021.68
CHIEF	CMA330 OFFSET FIXED CEILING PLATE 1- 1/2 NPT	\$52.67	4	\$210.68
CHIEF	FCAC1LB FUSION BACK COVER SINGLE LCMBLK	\$362.20	4	\$1,448.80
CHIEF	CMS492 2 X 2 AV CEILING ENCLOSURE	\$497.85	1	\$497.85



Room 1 - Hardware

Mfr.	Description	Price	Qty	Ext. Price
CHIEF	CMSFAN CMS 491/492 12V FAN KIT	\$91.63	1	\$91.63
VADDIO	998-6000-006 DUAL 1/2 RACK MOUNTING KIT	\$106.66	1	\$106.66
Digitalinx	BYOD-HUB-UT BYOD HUB UNDER TABLE FORMAT	\$544.44	2	\$1,088.88
Crestron	FT2-500-ELEC-PTL-B FlipTop™ FT2 Series Cable Management System, 500 Size, Mechanical, Pass-Through Lid, Black	\$414.81	2	\$829.62
Crestron	FT2A-CHGR-USBA/C USB Rapid Charging Module for FT2 ELEC Series, USB Type-C Type-A High Power Charging Ports, Bus Powered	\$170.37	2	\$340.74
Crestron	FT2A-PWR-US-2 AC Power Outlet Module for FT2 Series, Dual, US NEMA 5, Type B, w/2 Under-Table Outlets Cord	\$102.47	2	\$204.94
Crestron	FT2A-PLT-PT-10 FlipTop FT2 Series Cable Management System Cable Pass-Through Plate Modules, Qty. 10	\$54.32	1	\$54.32
Cables and Kits	RRA1U Recessed Rack Adapter	\$33.52	1	\$33.52
AVFI	RK5105 14U Mobile Rack Ideal solution for distance education, electronic classrooms and corporate training sites. It features front 14U rack frame with adjustable shelf, a top surface to support monitors, laptops and room control systems, front and rear locking	\$1,071.95	1	\$1,071.95
AVFI	9052-2 2U Sliding Metal Drawer	\$192.68	1	\$192.68

Subtotal: **\$125,898.23**



Room 2 - Hardware

Mfr.	Description	Price	Qty	Ext. Price
Hallway Overflow				
PANASONIC SOLUTIONS COMPANY	TH-55SQ1W 4K LCD DISPLAY	\$2,234.94	1	\$2,234.94
Biamp Systems	TesiraLUX OH-1 AVB video decoder; includes one HDMI 2.0 port. 8 channels of embedded PCM audio and includes 2 mic/line level analog outputs.	\$1,341.46	2	\$2,682.92
CHIEF	MTM1U Micro-Adjust Tilt Wall Mount Medium	\$149.53	1	\$149.53
RDL	TX-1A Bal. to Unbal. Transformer - Adjustable	\$41.68	1	\$41.68
SurgeX	SX-DS-154 SURGE & POWER FILTER 15A 4PORT	\$356.10	1	\$356.10
Crestron	PW-2412WU Wall Mount Power Pack, 24 VDC, 1.25 A, 2.1 mm, Universal	\$47.56	2	\$95.12

Subtotal: \$5,560.29

Room 3 - Hardware

Mfr.	Description	Price	Qty	Ext. Price
Rack Room				
Middle Atlantic	ERK-4425-AV 44SP/25D CONFIG AV RACK	\$1,663.86	1	\$1,663.86
surgeX	UPS-2000-OL ONLINE UPS 2000VA 2RU 20A 5P	\$2,343.37	1	\$2,343.37
SurgeX	UPS-BPX-2000 EXT BATTERY PACK UPS-2000-OL	\$769.88	2	\$1,539.76
SurgeX	SX-DS-158 120V 15A SURGE PROTECTION	\$198.78	2	\$397.56

Subtotal: \$5,944.55



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Room 1,2, 3 Services

Product Details	Ext. Price	
Installation Labor	\$7,350.00	
Project Management	\$1,500.00	
Design/Engineering	\$1,050.00	
Programming Labor	\$6,650.00	
Subtotal:		\$16,550.00

Miscellaneous Materials

Product Details	Ext. Price	
Miscellaneous Materials	\$4,781.60	
Subtotal:		\$4,781.60

Service & Maintenance

Product Details	Ext. Price
Service & Maintenance	\$9,274.71
Subtotal:	
	\$9,274.71



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WILCO - AV Systems Upgrade - New Attorney General Courtroom - TIPS 210101



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Prepared for:
Williamson County
,
Don Heflin
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Quote Information:
Quote #: [REDACTED]
Version: 1
Delivery Date: 06/01/2022
Expiration Date: 07/16/2022

Quote Summary

Description	Amount
Room 1 - Hardware	\$125,898.23
Room 2 - Hardware	\$5,560.29
Room 3 - Hardware	\$5,944.55
Room 1,2, 3 Services	\$16,550.00
Miscellaneous Materials	\$4,781.60
Service & Maintenance	\$9,274.71

Subtotal: **\$168,009.38**

Shipping: **\$2,761.80**

Total: **\$170,771.18**

Payment Options

Description	Payments	Interval	Amount
Payment Options			
Net 30	1	One-Time	\$170,771.18

Other service options available. Contact your sales representative.

By signing this agreement, you are accepting our Terms and Conditions. This does not negate the need for a purchase order or any other purchasing requirement which your company necessitates. Data Projections reserves the right to require a customer down payment/deposit contingent on the creditworthiness of the customer.



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Austin

Williamson County

Signature: Mark D. Mazac
Name: Mark Mazac
Title: Account Executive
Date: 06/01/2022

Signature: _____
Name: Bill Gravell
Date: _____



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Statement of Performance

TERMS AND CONDITIONS

Notice

Proprietary Notice

This proposal contains confidential information and intellectual property of Data Projections and may be legally privileged. The recipient agrees not to reproduce or make this information available in any manner to persons outside the group directly responsible for the evaluation of its contents.

Payment Schedule

The total for this proposal/project is presented as a “not to exceed” unless Data Projections and the “client” agree to add hardware, software, or functionality not specifically addressed in this Statement of Work/Executive Summary. The payment schedule outlined in the Payment Options section is contingent on the established line of credit approved by the company. If credit terms are extended, the standard terms are NET 30 days. If credit terms are not requested or extended, payment will be required in full before hardware is ordered or installation dates are scheduled. Data Projections will assess a surcharge of 2.29% on all credit card transactions to cover our processing costs. The surcharge imposed will not be greater than the direct cost incurred from the processing of credit card payments. Data Projections does not surcharge debit card transactions.

Returns

The approval of product returns is at the discretion of Data Projections and requires a return authorization number. Products that are defective will be repaired, replaced, or credited in accordance with the manufacturer’s warranty. Goods returned for reasons other than warranty or defect must be in original, undamaged, and untarnished condition and must include all original packaging, documentation, and accessories. Restocking fees may apply to the items being returned. Any custom-ordered products cannot be returned. Please consult Data Projections for additional details.

Warranty

All new equipment provided by Data Projections includes each manufacturer’s full warranty from the date of invoice. Data Projections will honor all warranty requirements as depot service. Data Projections supplies a 90-day workmanship warranty from the date of completion of the said system unless superseded by an extended warranty, service agreement, and/or preventative maintenance agreement. If a Data Projections service agreement is purchased all hardware purchased through Data Projections will be covered with no additional service or replacement fees throughout the life of the agreement even if the hardware is no longer covered under the manufacturer’s warranty. Data Projections warrant the system to be free of defects in materials and workmanship and fit for the intended purpose. This warranty does not cover equipment or system abuse, misuse including, but not limited to, operating outside of environmental, electrical, temperature, or humidity specifications, system alterations neither approved nor performed by Data Projections; or repair by a service facility other than those authorized by the manufacturer.



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Statement of Performance

Indemnification

Data Projections agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Client, its officers, director, and employees (Collectively, Client) against all damages, liabilities or costs, including reasonable attorney's fees and defense costs, to the extent caused by the Data Projections' negligent performance of professional services under this Agreement and that of its subcontractors or anyone for whom Data Projections is legally liable. The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless Data Projections, its officers, directors, employees, and sub-consultants (collectively, Data Projections) against all damages, liabilities, or costs, including reasonable attorneys' fees and defense costs, to the extent caused by the Client's negligent acts in connection with the Project and the acts of its contractors, subcontractors or consultants or anyone for whom the Client is legally liable. Neither the Client nor Data Projections shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence.

No Hire Policy

During the term of the Contract, and for a period of one (1) year after the termination of the Contract, or the completion of the project, whichever is later, the Client agrees that it will not directly solicit the employment of any individual that was employed by Data Projections during the term of the Contract. In the event Client breaches this provision, the parties agree that it would be difficult to establish the precise amount of damages incurred by Data Projections as a result of such conduct, and therefore the parties agree that immediately upon hiring said individual, Client shall pay to Data Projections an amount equal to 50% of the gross annual salary or wages paid to the individual in question during the twelve months prior to the termination of that individual's employment with Data Projections. This fee shall not apply if the individual responds to a general employment advertisement through newspapers, online job boards or postings, agencies, open houses, or job fairs.