

Coppell, City of Municipal Court AV Upgrade

6/1/2024



VISIONALITY

DESIGNS THAT COMPUTE
1778 N. PLANO RD #211B
RICHARDSON, TX 75081

Prepared for:

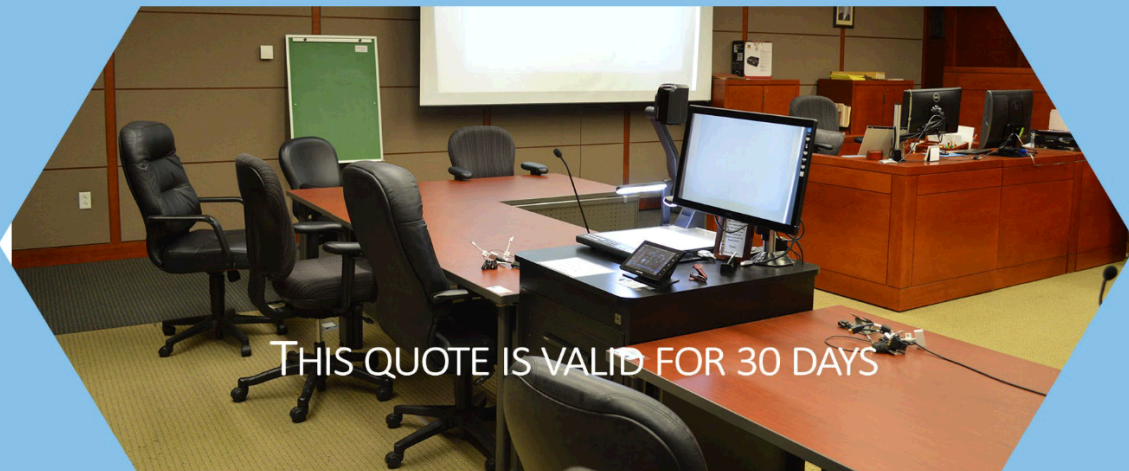
Coppell, City of

JF120723S-07

Jack Farguson

Technical Consultant

972-598-1718



THIS QUOTE IS VALID FOR 30 DAYS

Qty	Manufacturer Part Number	Description	Unit List Price	Discount Price	Total Price
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This Quote is produced for the Texas DIR Contract DIR-CPO-5092 (Visionality)



A/V Equipment for Room					\$65,746.99
1.00	Video Recording Equipment		\$8,595.00	\$7,810.81	\$7,810.81
	<i>*Video Recording System*</i>				
	1 x OFE Computer For Recording Video and Audio				
	1 x For The Record Gold Recording Suite Software				
	PSP00199GR650E	FTR Gold Recording Suite	\$3,325.00	\$3,158.75	\$3,158.75
	1 x For The Record Gold Monitoring Suite Software				
	FTRGMS7.7	FTR Gold Monitoring Suite	\$1,100.00	\$1,045.00	\$1,045.00
	2 x USB Camera Connections for OFE FTR PC. One on Core and on 1 AVB.				
	<i>*Video Recording Cameras*</i>				
	2 x Wall-mounted PTZ USB Cameas with 1080P Resolution				
	999-9990-000W	(2) CONFERENCEHOT 10 SYSTEM WHITE	\$2,085.00	\$1,803.53	\$3,607.06
1.00	Video Equipment		\$31,335.30	\$25,829.98	\$25,829.98
	<i>*Video Inputs*</i>				
	1 x HDMI input at Judge's Bench.				
	1 x HDMI input at each Counsel Table.				
	1 x HDMI wall plate in Jury Room.				
	AC-EX70-444-KIT	(3) HDBaseT (CAT6) Extender Kit. ICT 18G, 70m 4K (100m HD) Slim Extender with I-Pass, Bi-Directional Power, RS232, IR and Ethernet. ICT for full HDR/HDMI Pass-Through. Full HDR, 4K60 4:4:4. Features Long Range mode for 150m 1080P transmission	\$1,249.00	\$843.08	\$2,529.24
	AC-CXWP-HDMO-B	HDMI Single Gang Decora Style Wall Plate (White) HDBaseT Basic Extender Kit (70M HD 1080p) **These MUST be used as a kit – not for use as a transmitter or receiver for any matrix switch.**	\$879.00	\$593.33	\$593.33
	<i>*Video Outputs*</i>				
	2 x 86" Articulating mounted LCD displays for Gallery view on side walls.				
	86UR340C9UD	(2) 86" 3840 x 2160 UHD Commercial Lite LED backlit LCD TV	\$3,083.00	\$2,682.21	\$5,364.42
	1 x 98" Wall mounted LCD display for Jury view on back wall.				
	98UH5J-H	98" UHD, IPSPanel Technology, 500nit, 3840X2160	\$14,167.00	\$12,325.29	\$12,325.29
	1 x 65" Wall mounted LCD display for Jury Room.				
	65UR340C9UD	65" 3840 x 2160 UHD Commercial Lite LED backlit LCD TV	\$1,467.00	\$1,276.29	\$1,276.29
	1 x OFE 55" Articulating mounted LCD display - To be moved to wall next to jury.				

Qty	Manufacturer Part Number	Description	Unit List Price	Discount Price	Total Price
		<i>1 x 22" Armature mounted display for Judge's Bench.</i>			
		<i>1 x 22" Armature mounted display for Witness Stand.</i>			
		<i>1 x 22" Armature mounted display for Recording Computer KVM</i>			
	998-1329-00	(3) PLN2200 22" widescreen Full HD LED backlit LCD monitor	\$99.00	\$94.05	\$282.15
	AC-EX70-444-RNE	(7) HDBaseT (CAT6) RECEIVER ONLY. ICT 18G, 70m 4K (100m HD) Slim Extender with I-Pass, Bi-Directional Power, RS232, IR - ICT for full HDR/HDMI Pass-Through. Full HDR, 4K60 4:4:4.	\$658.90	\$494.18	\$3,459.26
1.00		Audio System	\$7,214.00	\$5,647.50	\$5,647.50
		<i>*Multichannel Digital Signal Processor*</i>			
		<i>1 x Multichannel Digital Signal Processor</i>			
	911.0315.900	Tesira EX-LOGIC	\$772.00	\$579.00	\$579.00
	911.0399.900	TesiraFORTÉ CI	\$4,072.00	\$3,054.00	\$3,054.00
		<i>*Audio Inputs*</i>			
		<i>1 x OFE 15" Gooseneck Mic at Judge's Bench</i>			
		<i>1 x OFE 15" Gooseneck Mic at Witness Bench</i>			
		<i>2 x OFE 15" Gooseneck Mics at Counsel Tables **Visionality cannot guarantee performance and mute logic control.**</i>			
		<i>1 x Boundry Mic at Front of Judge's Bench for Sidebar</i>			
	MX392/O	Omnidirectional - Condenser Boundary Microphone, Built-in Preamp, Attached 12' Unterminated Cable, Logic Functions, Programmable Switch and LED Indicator	\$402.00	\$341.70	\$341.70
		<i>1 x Wireless Handheld/Lavalier Rechargeable Microphone Kit with Charger and Antenna Extension</i>			
	QLXD14/85-G50	Shure Lavalier Wireless Mic System	\$1,427.00	\$1,212.95	\$1,212.95
	SB900B	(2) Rechargeable Battery for Shure	\$126.00	\$107.10	\$214.20
	SBC200-US	Dual Docking Charger with PS45US Power Supply	\$289.00	\$245.65	\$245.65
		<i>*Audio Outputs*</i>			
		<i>1 x OFE Amplifier (Crown 280a)</i>			
		<i>2 x OFE JBL Wall-Mounted Speakers</i>			
		<i>1 x USB Interface for OFE PC (Recording)</i>			
1.00		All-In-One A/V Switching and Control System	\$19,359.00	\$13,011.15	\$13,011.15
		<i>1 x All-In-One A/V Switching and Control System</i>			
	AC-MX-88HDBT	8x8 HDBaseT Matrix with ICT and uncompressed mirrored HDMI, IR Routing, RS232, Audio Matrixing	\$10,999.00	\$8,249.25	\$8,249.25
	RMC4	4-Series™ Control System	\$1,100.00	\$660.00	\$660.00
		<i>1 x 10" Control Touchpanel at Clerk Location</i>			
		<i>1 x 10" Control Touchpanel at AV Tech Location</i>			
	TS-1070-B-S	(2) 10.1 in. Tabletop Touch Screen, Black Smooth	\$3,630.00	\$2,050.95	\$4,101.90

Qty	Manufacturer Part Number	Description	Unit List Price	Discount Price	Total Price
1.00		Rack, Display Mounts, and Wallplates	\$8,257.77	\$5,548.14	\$5,548.14
		<i>13 of 16 Ports Used</i>			
1.00		Room Cabling and Materials	\$11,647.70	\$7,899.41	\$7,899.41
Professional Services and Labor					\$21,547.47
1.00		Project Professional Services and Programming	\$9,932.80	\$6,456.40	\$6,456.40
1.00		Installation, Integration, and Comissioning	\$23,216.46	\$15,091.07	\$15,091.07
Service					\$3,450.11
1.00		Silver Level Service	\$5,307.86	\$3,450.11	\$3,450.11
	VS-SLS-1	<i>Silver level provides the coverage needed to fulfill a customer's basic service requirement. See attached descriptions. (1 Year)</i>			
		Options Below are NOT Included in Total			
0.00		Optional Assistive Listening Systems for ADA compliance. NOT included in total.	\$1,253.88	\$936.99	\$0.00
1.00			\$0.00	\$0.00	\$0.00
1.00			\$0.00	\$0.00	\$0.00

This Quote is produced for the Texas DIR Contract DIR-CPO-5092 (Visionality)



Total List	\$124,865.89
Total Discounted Price	\$90,744.57
Shipping	\$0.00
Sales Tax	\$0.00
Grand Total	\$90,744.57

Statement of Work

This proposal responds with solutions upgrading the audio-visual equipment in the Municipal Court located at the City of Coppel at 130 Town Center Blvd, Coppel, TX.

Customer Request:

Details elicited from a discussion between Visionality sales staff and customer shows the following needs:

02/05/2024 - Rev -04 Client requests the removal of counsel tables.

02/05/2024 - Rev -04 Client requests the use OFE gooseneck microphones. Tradeoffs are: 2 OFE Sennheiser mics will not have mute logic control integration on 1 cable/connector, cannot guarantee 2 color LED with sync to Touch Panel Controller, and OFE Shure mics do not have 2 color LEDs. Visionality cannot guarantee the performance of these microphones and they are not covered by warranty.

03/08/2024 - Rev -06 Client requests adding 1 additional tabletop touch screen and AV tech location by jury.

03/08/2024 - Rev -06 Client requests to move and integrate 1 OFE 55" TV (LG LV355B) to a new location to the side of the dias for jury view. Will display same as 98' display in the back of the room. Adding video transmission equipment to accommodate. OFE display has a manufacture date of October 2011. Visionality recommends replacing this due to age. Visionality cannot guarantee the performance of this display and it is not covered by warranty.

03/08/2024 – Rev -06 Client requests the removal of labor and the installation of all cabling going in walls, ceiling, and flooring. This will be performed by the client's sub-contractor. Visionality cannot guarantee the performance of any OFOI cabling and it is not covered by warranty.

04/11/2024 – Rev -07 Client requested the removal of (4) 22" council tables. Functionally changed to no provide video feed to the council tables as a result of this change.

1. Courtrooms with recording with voice lift:
 - a. Room size approximately 45' wide by 47' deep with 20' ceilings.
 - b. 1 x Video Recording System in each courtroom:
 - i. Video Recording Inputs:
 1. 2 x 12x PTZ network video cameras with 1080P resolution.
 - a. Camera 1 in the room to record judge and witness areas.
 - b. Camera 2 in the room to cover defense and prosecution areas.
 - ii. Video Recording Capture Devices:
 1. 1 x OFE (Owner Furnished Equipment) MS Windows-based computer for FTR Software.
 - a. To Be located in AV rack with KVM extension to a location in the dias.
 2. 1 x FTR (For The Record) Gold Recording Suite Software License, Perpetual.
 - c. Video System
 - i. Video Inputs
 1. 1 x HDMI input at Judge's bench.
 2. 1 x HDMI input at each counsel table (2 total).
 3. 1 x HDMI wall plate in the jury room.
 - ii. Video Outputs
 1. 2 x 86" Swing arm mounted LCD displays for gallery view.
 2. 1 x 98" Wall mounted LCD display for Jury view on back wall.
 3. 1 x 65" Wall mounted LCD display for jury room.
 4. 1 x 22" Armature mounted display for the judge's bench.
 5. 1 x 22" Armature mounted display for the witness stand.
 6. ~~2 x 22" Armature mounted for each of 2 counsel tables (4 total).~~
 7. 1 x 22" Armature mounted display for Recording Computer KVM.
 8. **1 x OFE 55" Swing arm mounted LCD display moved to the side of dias.**
 - d. 1 x Audio Recording and Voice Lift System in each room:
 - i. Central audio digital signal processor:

1. 1 x Multichannel Digital Signal Processor and Logic Control
- ii. Inputs:
1. ~~1 x Wired, table-top 15" gooseneck microphone with LED mute status for judge.~~
 2. ~~1 x Wired, table-top 15" gooseneck microphone with LED mute status for witness.~~
 3. ~~2 x Wired, table-top 15" gooseneck microphones with LED mute status for council tables.~~
 4. 2 x OFE Gooseneck Microphones at council tables. Visionality cannot guarantee the performance of these microphones.
 - a. Logic control button integration cannot be guaranteed with these microphones.
 5. 1 x OFE Gooseneck Microphones at witness stand. Visionality cannot guarantee the performance of this microphone.
 - a. This microphone does not contain logic control. It will only be controlled for the touch panel controllers.
 6. 1 x Wired, table-mounted boundary microphone for side-bar discussion capture.
 7. 1 x Wireless lapel microphone for counsel presentation.
- iii. Outputs:
1. 1 x USB audio connection to OFE PC for multi-track recording.
 - a. Supports up to 8 audio tracks for recording.
 2. 2 x OFE 2-way wall-mounted speakers for voice lift.
 3. 1 x OFE power amplifier.
 - a. Includes 2 configurable analog inputs or outputs.
 4. **1 x Optional Assistive Listening Systems for ADA compliance. (Not included in price)**
 - a. **Includes 4 receivers and remote antenna per unit.**
- e. Custom Programmed Control System in each room:
- i. Primary control location with integrated control, that's fully automated, intuitive, and easy to use interfaces at the following location:
 - a. ~~1 x 10" table-top touch screen for system control.~~
 - b. **2 x 10" table-top touch screens for system control located at clerk and AV tech locations.**
 - i. Provides System On/Off.
 - ii. Provides audio level and mute.
 - iii. Provides video source selection.
 - iv. Provides camera PTZ control and preset recall.
 - v. **Provides recording start and stop of FTR software on OFE PC.**
 1. **Will require network integration from AV LAN to OFE LAN to control OFE PC.**
- f. Furniture
- i. ~~2 x Custom-built council tables in any standard commercially available laminate.~~
 1. ~~2 x Recessed display wells with plexiglass cover.~~
 2. ~~2 x AC/USB power outlets.~~
 3. ~~4" x 4" box legs with leveling feet~~
 4. ~~Gallery rail to edge~~
 5. ~~Cable Trough beneath the surface for cord management.~~
 6. ~~4 x Modesty Panels to hide cabling and recessed wells.~~
 7. ~~**** 4-6 Week Manufacture Time****~~
- g. Equipment Rack in each room:
- i. 1 x Middle Atlantic MFR series 20 space 20" deep furniture-style rack in maple laminate.
 1. Front and rear doors included.
 2. Controllable power distribution.
 3. Quiet fans for thermal management.
 - ii. 2 x Floor raceway to address areas that may not include floor pokes.

1. ****Client has the option to saw the floor to accommodate cable paths.****
- h. OFOI Cabling**
- i. **Client to provide and install all UTP and STP cabling and terminate to RJ-45 plugs with T-568B**
 - ii. **Visionality to supply cabling and the client to install the supplied cabling for microphones, control, speakers, and camera power and USB.**
 1. **The microphone and control cable supplied is Liberty 24-4P-P-L6-EN-BLK.**
 2. **The speaker and DC power extension cable supplied is Liberty 16-2C-P-BLK.**
 3. **The camera cable for rear camera supplied is Vaddio 440-1005-023. 20m USB 3.0 A to B.**
 - a. **B side installed at camera.**
 4. **10' Service loop provided at rack location for rack connections.**
 5. **Audio connectors to be supplied by and installed by Visionality.**

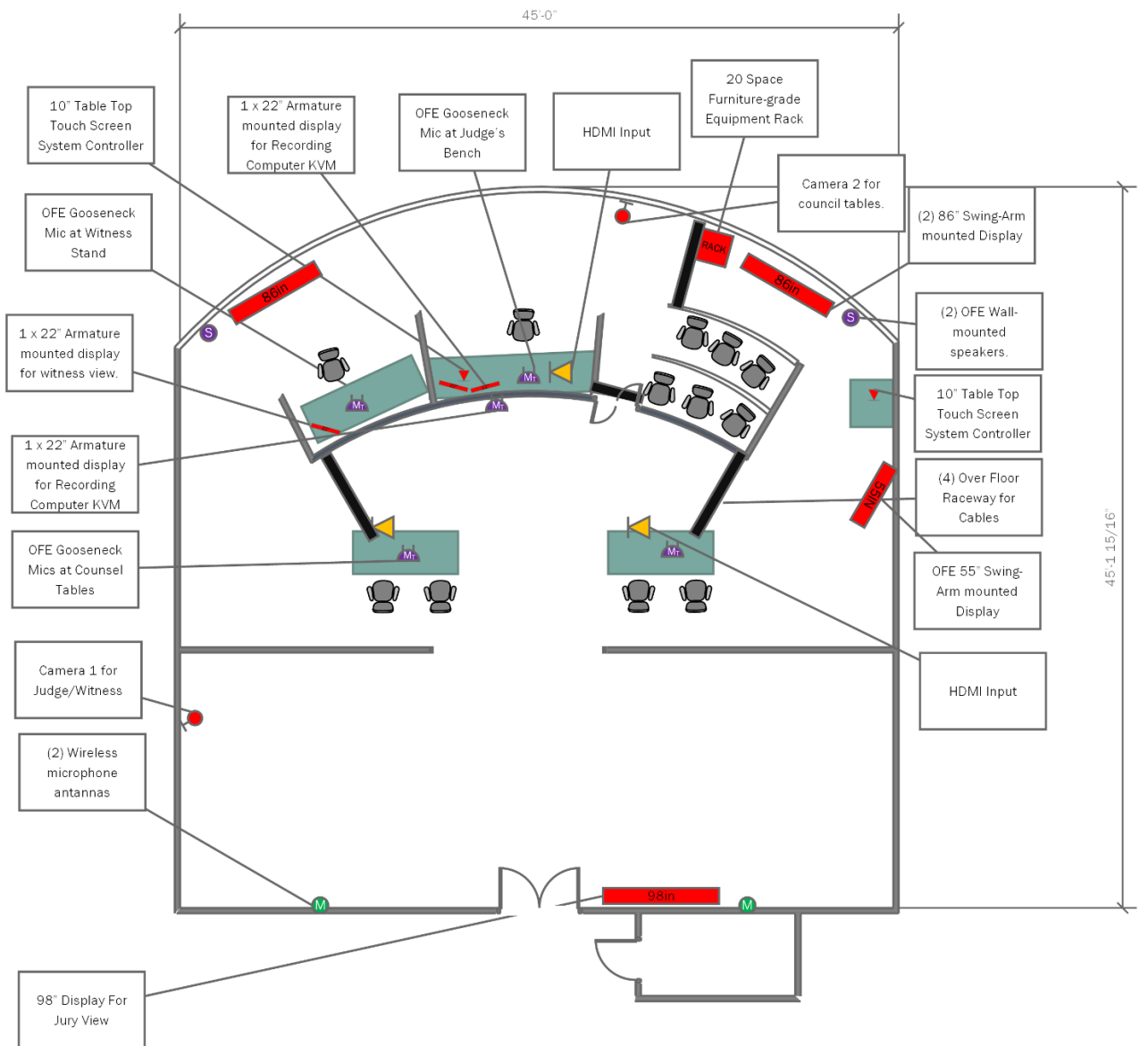
Description of the project:

Project execution description provided at purchase.

Approach:

Installation: Turnkey installation is provided for the project, with a professional project manager guiding pre-installation tasks, installation tasks, commissioning tasks, and handover to the service team. All cabling and system mounts are included in the pricing, with directly requested hardware, software, and licenses also delivered during installation. Visionality will place a lead technician onsite during the project, who along with Visionality project manager, will manage communication, project progress, and issues. The project is expected to take 7 days per courtroom for installation and an additional 4 days to commission.

Room Layout:



1 Room Layout
 TAC001 N.T.S. for notation only.