US District Court – Middle District of Florida
Office of Information Technology
Statement of Work (SOW)

Project Title	ORL Courtroom 4B Audio/Video Systems Upgrade
Project Type	Request for Audio, Video and/or Control Hardware
Date	August 13, 2025

Introduction

The United States District Court for the Middle District of Florida (MDFL) comprises five divisional offices in Orlando, Tampa, Jacksonville, Fort Myers, and Ocala. The Clerk's Office is headquartered in the Orlando division.

The MDFL Office of Information Technology (OIT) is managing an internal cyclical upgrade of audio, video, and control systems in **ONE** district courtroom located in the **Orlando** division and is seeking a vendor, distributor, and/or integrator to procure the necessary hardware to carry out its intended upgrade project.

Scope

The court seeks specific pricing for items outlined in the attached "**Bid Sheet.**" All equipment included in the bid sheet should be fully sealed, in brand-new condition, and come with the standard manufacturer's warranty. All items should match the described product specification and model number. Any product substitution(s) must be implicitly approved by the project Contracting Officer Technical Representative (COTR) and signed off on by the Contracting Officer (CO).

This procurement is for hardware/equipment only. The MDFL OIT will conduct all installation, integration, and equipment support services. This bid specification is strictly for the procurement of the hardware items as listed on the bid sheet.

MDFL Court Representatives

- All solicitation questions should be directed to the *Contracting Officer*:

    Maria Ramos, Contracting Officer

    maria_v_ramos@flmd.uscourts.gov

    (407) 835-4347

Schedule for Performance and Delivery/Milestone Schedules

Upon award of contract the contractor will ship items to the **Jacksonville** courthouse location.

DELIVERY ADDRESS
United States Courthouse
401 W. Central Blvd
Orlando, Florida 32801
ATTN: MDFL IT Department

The contractor shall immediately notify the **Contracting Officer** of any schedule changes or conflicts.

Documentation

The vendor/distributor/integrator shall supply an itemized list of all hardware as specified on the furnished bid sheet including pricing and model numbers. The pricing request should be broken out per line item with a total provided.

Itemized cost should be broken out by category with subtotals provided for each category. Price categories include:

- Audio Hardware
- Video Hardware
- Control Hardware

Bid Sheet – Equipment Specifications

AUDIO

Qty	Manufacturer	Model #	Description
1	QSYS	CORE 24f	Core Processor with 24 local audio I/O channels, 160x160 total network I/O channels with 8x8 Software-based Dante license included, USB AV bridging, dual Ethernet ports for network redundancy plus two auxiliary Ethernet ports, two RS232 ports, 8x8 GPIO, 24 next-generation AEC
8	QSYS	QIO-Flex-4A	Multi-Purpose I/O Expander
2	QSC	QIO-ML4i	Q-SYS peripheral providing 4 mic/line inputs. Up to 4 devices daisy-chainable. 1U-1/4W, powered over Ethernet or +24 VDC. Surface mountable
2	QSC	QIO-ML2x2	Q-SYS peripheral Network Audio I/O Expander, 2-Mic/Line Inputs and 2-Line Outputs, 48V DC
2	QSC	QIO-L4o	Q-SYS peripheral providing 4 line outputs. Up to 4 devices daisy- chainable. 1U-1/4W, powered over Ethernet or +24 VDC. Surface mountable
1	QSC	QIO-S4	Q-SYS Network I/O Expander - Serial
1	QSC	QIO-RMK	Rack mount tray and blanking panels to mount up to four QIO units in a 1U 19" standard rack format.
2	QSC	QIO-PSU	Power Supply Accessory to support up to 4 QIO units with external power.
1	QSC	CX-Q2K4	4-Channel 500W/CH Q-SYS Network Amplifier, Lo-2, 70V, 100V direct drive, FlexAmp™, Mic/line Inputs, 100-240V
1	QSC	SPA-Qf 60x2	Two-Channel Network Amplifier for the Q-SYS Platform
10	QSC	AD-S.SAT-BK	2.75" Satellite surface speaker, 160, 150° conical coverage, includes mounting bracket for surface installation. Color - Black. Priced individually,
5	RDL	DB-SH1M	RDL Stereo Headphone Amplifier
7	RDL	DC-2B	Desktop or Wall Mounted Chassis for Decora® Remote Controls and Panels
11	RDL	DC-F	Desktop Chassis Foot Kit
3	RDL	PS-24KS	24 Vdc Switching Power Supply, North American AC Plug, 1A, dc Plug
2	RDL	CP-2B	Dual Cover Plate - Black
2	RDL	DB-XLR3F	Decora Wall Plate with XLR 3-Pin Female Connector (Black)
2	RDL	DB-PSP1	Decora Style Active Loudspeaker
2	RDL	DC-4B	Desktop or Wall Mounted Chassis for Decora® Remote Controls and Panels
2	RDL	CP-4B	Quad Cover Plate - Black
4	RDL	AMS-1/8F	1/8" Stereo Mini-Jack - Terminal block connections
2	RDL	DB-D2	Double plate for standard and specialty connectors

AUDIO

Qty	Manufacturer	Model #	Description
4	RDL	DB-D1	Single plate for standard and specialty connectors
4	RDL	RM-DFP1	Filler panel for RM-D3 and RM-D9
2	RDL	DC-1B	Desktop or Wall Mounted Chassis for Decora Style Unit (Black)
2	RDL	ST-PD5U	Power Distributor - Switching - (PS- 24AS/KS/V2A)
2	RDL	ST-DA3	Distribution Amplifier
2	Astatic	901VP	Variable Pattern Cardioid Desktop Boundary Microphone - Black
3	Audio Technica	BPHS2S	Single-ear broadcast headset with hypercardioid dynamic boom microphone
4	Sennheiser	005065	ME36 - super-cardioid/interference tube mini shotgun microphone head - black
4	Sennheiser	005074	MZH3015 - IS Series 6 in single flex gooseneck with 3 pin XLR connector
12	Sennheiser	504791	MEG 14-40 B - Gooseneck microphone, with flexible section, XLR connection & KE10 cardioid mic capsule - black
16	Sennheiser	505624	MAT 133-S B - Table Stand for XLR-3 Gooseneck Microphones, black
1	Sennheiser	509226	SL BODYPACK-MKE 40 Kit DW-4 - Kit with SL Bodypack DW and MKE 40 ew Clip-on microphone
1	Sennheiser	509231	SL BODYPACK-HM 1 Kit DW-4 - Kit with SL Bodypack DW and SL Headmic 1 SB headworn microphone
2	Sennheiser	505901	SL HANDHELD 865 DW-4-US - SpeechLine Digital Wireless SL DW-4-US Handheld Transmitter & E865 Mic Capsule
1	Sennheiser	508855	RECEIVER-SL MCR 4 DW-4 - 4 Channel Wallmount SpeechLine Digital Wireless Receiver
2	Sennheiser	506219	CHG 2 2-Bay Tabletop Charger for SL, OW, ew 01 and AVX Systems
2	Sennheiser	505974	BA 30 Rechargeable Battery Pack
1	Sennheiser	505972	BA 10 Rechargeable Battery Pack
2	Listen	LS-70-072	Listen Tech iDSP prime level IV stationary RF system LT800/LR4200 incl
20	XMSJSIY	B0CHNZ2N6G	XLR Microphone Cable Pigtail Bare Wire 3Pin XLR Speaker Audio Mic Cable Open End Connector Replacement Extension Cable 4M/13.1FT (XLR Female)
10	XMSJSIY	B0CHNZLZGT	XLR Microphone Cable Pigtail Bare Wire 3Pin XLR Speaker Audio Mic Cable Open End Connector Replacement Extension Cable 4M/13.1FT(XLR Male)
1	Monoprice	113724	Nimbus Series 16 Gauge AWG 2 Conductor CMP-Rated Speaker Wire/Cable - 250ft UL Plenum Rated, 100% Pure Bare Copper with Color Coded Conductors Black

VIDEO

Qty	Manufacturer	Model #	Description
1	EXTRON	60-1731-01	Annotator 401 (4k/60 Annotation Processor with USB Extension)
1	EXTRON	60-190-01	RSU 129 (Universal Rack Shelf Kit for 9.5" Deep Products)
2	EXTRON	60-1438-01	DTP HD DA 4K 230, HDMI to Eight Output DTP Distribution Amplifiers - 230 feet (70m)
16	EXTRON	60-1271-13	DTP HDMI 4K 230 Rx for HDMI
3	BZBGear	BG-8K-DA12	1x2 8K UHD HDMI 2.1 Splitter with Auto Downscaling (8K60/4K120 and VRR/ALLM/QMS/QFT/SBTM Support)
1	ELMO	PX-30E	PX-30E DOCUMENT CAMERA 4K UHD
2	BrightSign	LS425	LS425 - BrightSign Digital Signage Media Player (H.265, Full HD, 4k video, HTML5, HDMI out
6	AVPro Edge	AC-MXNET-1G-EV2	MXnet 1G Evolution II Encoder, 4K/60fps 4:4:4/HDMI 2.0/HDCP 2.3/HDR/HDR 10 & Dolby Vision
8	AVPro Edge	AC-MXNET-1G-EV2WP	MXnet Evolution II AV-over-IP wall plate encoder with switchable HDMI and USB-C inputs--Not Compatible with V1 Systems
8	AVPro Edge	AC-MXNET-1G-EV2WP-CCB	Black Wall Plate cover for AC-MXNET-1G-EV2WP color-changing kit
14	AVPro Edge	AC-MXNET-1G-DV2	MXnet 1G Evolution II Decoder, 4K/60fps 4:4:4/HDMI 2.0/HDCP 2.3/HDR/HDR 10 & Dolby Vision
4	AVPro Edge	AC-MXNET-1G-R2	MXnet 1G Rack Mounting Kit
5	QIANRENON	B09FKZSSZF	HDMI Panel Mount Connector Socket HDMI Female to Female Panel Adapter HDMI Straight Connector Mounting Socket for Audio and Video Transfer
2	AC Infinity	AC-RTA1	AC Infinity Vented Cantilever 1U Rack Shelf, 6" Deep, for 19" Equipment Racks. Heavy-Duty 2.4mm, 40lbs Capacity
2	BZBGEAR	BG-USB-LR100	2-Port USB 2.0 Extender Over a Single CAT5E/6/7 Cable up to 330ft
3	Planar Systems	997-9363-00	Helium PCT2435 23.8" 16:9 Multi-Touch Full HD IPS Monitor
8	Planar Systems	997-9045-00	PLL2450MW, 24" wide black FHD wide view, LED LCD, VGA, HDMI, Speakers (No VGA cable included)
11	Planar Systems	998-1329-01	PLN2200 - 22in wide black FHD LED LCD, VGA, HDMI, narrow bezels. No VGA cable
10	Peerless	SA730P	AV SmartMount® Articulating Wall Mount for 10" to 29" Displays - Black

VIDEO

Qty	Manufacturer	Model #	Description
7	Ergotron	33-387-085	Neo-Flex Touchscreen Stand
2	Magewell	350600000	USB Fusion HDMI & USB Video Capture Device
10	C2G	C2G10377	6ft (1.8m) C2G Performance Series Ultra Flexible High-Speed HDMI® Cable -4K 60Hz In-Wall, CMG (FT4) Rated
10	C2G	C2G10378	10ft (3m) C2G Performance Series Ultra Flexible High-Speed HDMI® Cable -4K 60Hz In-Wall, CMG (FT4) Rated
35	C2G	#00707	2ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Black
30	C2G	#00708	3ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Black
20	C2G	#00709	4ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Black
10	C2G	#00711	6ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Black
7	C2G	#00713	8ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Black
20	C2G	#00715	10ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Black
10	C2G	#00718	15ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Black
20	C2G	C2G10376	3ft (0.9m) C2G Performance Series Ultra Flexible High-Speed HDMI® Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
5	Comprehensive	USB3-CC-10SP	Pro AV/IT Specialist Series™ USB 3.0 (3.2 Gen1) 5G USB-C Male to USB-C Male Cable 10ft

CONTROL/POWER/MISC

Qty	Manufacturer	Model #	Description
1	AVPro Edge	AC-MXNET-SW48	MXnet 1G 48 Port Network Switch, PoE Network Switch
2	AVPro Edge	AC-MXNET-CBOX-HA	MXnet 1G Control Box
1	QSC	TSC-101-G3	1/4W, powered over Ethernet or +24 VDC. Surface mountable, rack kit sold separately
1	QSC	TSC-710t-G3	Table-Top Mount Accessory for TSC-10-G3 and TSC-101-G3
1	APC	SMC1000-2UC	Smart-UPS 1000VA SmartConnect Port Sinewave 2U Rackmount, LCD, 120V
2	Cyber Power	PDU41001	CyberPower Switched Series PDU41001 - power distribution unit
6	Cable Matters	402025-BLK-x2	2-Pack 6-Outlet Surge Protector Power Strip with USB Ports, 8 ft, Long Ext. Cord, Surge Protector with USB Ports in Black
6	Tripp Lite	TLP310USBS	Protect It 3-Outlet Surge Protector with Mounting Brackets, 10 ft. Cord, 510 Joules, 2 USB Charging Ports, Black Housing
4	Cyber Power	CSB6012	Essential CSB6012 - Surge protector - AC 125 V - output connectors: 6
1	TechFlex	F6N0.75BK 100FT	Techflex F6N0.75BK - Flexo F6® - 3/4" - Black - 100 ft spool
1	TechFlex	F6N0.50BK 150FT	Techflex F6N0.50BK - Flexo F6® - 1/2" - Black - 150 ft spool