Middle District of Florida
Tampa 9B A/V Upgrade
Statement of Work (SOW)

1.1 Introduction:

The U.S. District Court, Middle District of Florida (MDFL), is a federal district court with the Clerk of the Court's office headquarters located in Orlando and divisional offices in Tampa, Jacksonville, Fort Myers and Ocala.

The MDFL would like to continue an in-house project of replacing our audio/video systems in courtroom 9B located in Tampa. The court would like to partner with an integration firm for the procurement of the necessary hardware to carry out its intended AV integration project.

1.2 Objectives:

The MD/FL is asking for specific pricing off the following "Bid Sheet." All items included on 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 COTR and signed off on by CO.**

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

All solicitation questions should be directed to Ms. Maria Ramos, the Contracting Officer (CO) for the MDFL District Court.

> **Email:** maria_v_ramos@flmd.uscourts.gov
> **Phone:** (407) 835-4347

All technical questions regarding this solicitation should be directed to Craig Burger, the projects Contracting Officer Technical Representative (COTR).

> **Email:** craig_burger@flmd.uscourts.gov
> **Phone:** (813) 301-5305

1.3 Scope:

The integrator shall supply all hardware as specified on the furnished bid sheet. The pricing request should be broken out per line item with a total provided.

Additionally, the Court would like to be able to exercise an **Optional add-on procurement consisting of any of the items on the "bid sheet" under the contract.** The court also reserves the right exclude specific items from the final bid package.

1.4 Bid Sheet:

Quantity	Manufacturer	Model Number	Description
1	QSC	CORE 110F Kit	Unified Core with 24 local audio I/O channels
1	QSC	SLMST-110-P	Q-SYS Core 110F license for Microsoft Teams Room software features, enables both Q-SYS Scripting and UCI Deployment, Perpetual
1	QSC	SLDAN-32-P	Q-SYS Software-based Dante 32x32 Channel License, Perpetual.
1	ELO	1302L	ELO 13.3" Touchscreen Monitor
1	ELO	E307788	ELO Stand 1302L- Black
1	QSC	CX-Q 2K4	4-Channel 500W/CH Q-SYS Network Amplifier, Lo-Z, 70V, 100V direct drive, FlexAmp™, Mic/line Inputs, 100-240V.
10	QSC	AD-S.SAT-BK	2.75" Satellite surface speaker, 16Ω, 150° conical coverage, includes mounting bracket for surface installation. Color - Black. Priced individually, sold only in pairs.
4	QSC	AC-C2T-LP	2.75" Full-range low profile ceiling speaker, 70/100V transformer with 8Ω bypass, 170° conical coverage, includes C-ring and tile rails for blind mount installation.
8	QSC	AC-C6T	6.5" Two-way ceiling speaker, 70/100V transformer with 8Ω bypass, 110° conical coverage, includes C-ring and rails for blind mount installation.
4	RDL	EZ-PA20	20 W Stereo Audio Amplifier - 8 Ω, with Power Supply
4	RDL	EZ-UCB2	Under Counter Bracket Pair for all EZ Product Widths
4	RDL	FP-PA20	RDL FP-PA20 Mono Audio Power Amplifier
4	RDL	PS-24V3A	24 Vdc Switching Power Supply, with North American cord, 3 A, dc Plug
3	BeyerDynamic	729388	Beyerdynamic CLASSIS RM 30 SP Vertical Array Microphone with Revoluto Technology - 3-Pin XLR - Black

Quantity	Manufacturer	Model Number	Description
3	Audia Technica	AT8699R	Microphone Desk Stand with Switch
8	BeyerDynamic	MPR 211 B	Beyerdynamic MPR-211-B Revoluto Line-Array Desktop Microphone - Dark Black
1	Shure	MX150B/C-XLR	MX150B/C-XLR Subminiature Cardioid Lavalier Microphone with XLR Connector (Black)
3	Astatic	220VP	VARIABLE POLAR PATTERN INSTALLATION BOUNDARY "BUTTON" MICROPHONE BLACK
1	Astatic	930VPL	Condenser Boundary Microphone with Programmable Switch, LED & Logic Interface
1	Sennheiser	SL HANDHELD 865 DW-4-US	Sennheiser SpeechLine Digital Wireless SL DW-4-US Handheld Transmitter & E865 Mic Capsule
1	Sennheiser	SL BODYPACK DW-4-US	Sennheiser SpeechLine Digital Wireless SL Bodypack DW-4-US Wireless Transmitter
1	Sennheiser	SL HEADMIC 1 BE	Sennheiser SpeechLine Digital Wireless SL Headmic 1 Headworn Microphone (Beige)
1	Sennheiser	SL MCR 2 DW-4	Sennheiser SL MCR 2 DW 2-Channel Wallmount Receiver for SpeechLine Digital Wireless (1.9 GHz)
1	Sennheiser	506219	Sennheiser CHG 2 2-Bay Tabletop Charger for SL, DW, ew D1 and AVX Systems
1	Sennheiser	505974	Sennheiser BA 30 Rechargeable Battery Pack
1	Sennheiser	505972	Sennheiser BA 10 Rechargeable Battery Pack
10	Atterotech/QSC	unDIO2x2+	Dante network audio interface allowing users to integrate up to 2 x 2 mic/line channels- atterotech
1	Atterotech/QSC	unD4I-L	4 Channel Mic/Line In Dante/AES67 Interface w/ Logic I/O, PoE.
1	Audinate	ADP-USB-AU-2X2	Audinate Dante AVIO 2x2 USB Type-A I/O Adapter for Dante Audio Network (cynap interface)
1	RDL	DB-SH1M	RDL Stereo Headphone Amplifier
1	RDL	DC-3B	Desktop or Wall Mounted Chassis for Decora® Remote Controls and Panels
1	RDL	DC-F	Desktop Chassis Foot Kit
1	RDL	CP-3B	Tripple Cover Plate - Black
1	RDL	AMS-1/8F	1/8" Stereo Mini-Jack - Terminal block connections
1	RDL	DB-D1	Single plate for standard and specialty connectors
1	RDL	RM-DFP1	Filler panel for RM-D3 and RM-D9
1	RDL	ST-PD5U	Power Distributor - Switching - (PS-24AS/KS/V2A)
1	RDL	ST-DA3	Distribution Amplifier
1	Behringer	UMC404HD	Behringer U-Phoria UMC404HD USB Audio Interface - FTR interface
1	Kramer	PT-2UT/R-KIT	USB 2.0 PoC Extender Kit over Extended-Reach CAT

Quantity	Manufacturer	Model Number	Description
2	WilliamsAV	ANT 029	Williams Sound ANT029 - 39" Rubber Duckie Remote Antenna Kit
1	Barix	INSTREAMER ICE	AAC+ / MP3 Audio over IP encoder with line level analog input (stereo) and integrated Icecast server
1	Muxlab	500426	MuxLab 1x4 4K HDMI Splitter
1	Wolfvision	102030-A1	Cynap Pro
1	Wolfvision	102230	vSolution Matrix
1	Wolfvision	999078	Extended Warranty for Cyanp Pro
8	Wolfvision	102035-01	Cynap Pure Receiver
8	Mount-It	MI-203	Low Profile Fixed TV Mount
8	Wolfvision	999079	Extended Warranty for Cynap Pure Receiver
1	Wolfvision	102026	VZ-8.UHD Visualizer
3	MuxLab	100505	1x2 UHD 4K60 HDMI 2.0 Splitter
1	Muxlab	500446	MuxLab 4×2 HDMI 2.0 Quad-View Processor
1	DataVideo	CAP-2	Datavideo HDMI to USB 3.0 Capture Box
2	Planar Systems	997-9363-00	Helium PCT2435 23.8" 16:9 Multi-Touch Full HD IPS Monitor
5	Planar Systems	LF24G35TFWNXZA	Planar Systems PLL2450MW 24" 16:9 LCD Monitor
1	Samsung	QB98T	Samsung QBT 98" Class 4K UHD Smart Digital Signage LED Display
1	Peerless-AV	ST680P	SmartMount Universal Tilt Wall Mount for 60" to 98" Flat Panel Displays
3	PTZOptics	PT30X-SDI-GY-G2	PT30X-SDI-GY-G2 PTZ Camera 30X Optical Zoom - 3G-SDI HDMI CVBS IP Streaming 1080p - Gray
3	PTZoptics	HCM-2-BK	Large Universal Wall Mount
7	COMPREHENSIVE	CHE-HDBT300U	Pro AV/IT HDBaseT 4K30 HDMI, USB 2.0 over CATx Extender TX/RX Kit up to 330ft
1	Stenoworks	1251	Stenograph® Realtime MultiLine Block Kit
1	Tascam	TH-02-B	Tascam TH-02 Studio Headphones
2	Dell	Optiplex 3080 Micro	OptiPlex 3080 Micro
1	Cisco	CBS350-48FP-4G	Cisco Business CBS350-48FP-4G 48-Port Gigabit PoE+ Compliant Managed Network Switch with SFP (740W)
1	Cisco	CBS350-16FP-2G-NA	Cisco CBS350-16FP-2G 16-Port Gigabit PoE+ Compliant Managed Switch with SFP+ (240W)
1	APC	SMC1000-2UC	APC Smart-UPS 1000VA Rack Mount, LCD 120V with SmartConnect Port
1	Cyber Power	PDU41001	CyberPower Switched Series PDU41001 - power distribution unit

Quantity	Manufacturer	Model Number	Description
3	FSR	WM-UTR1S	FSR Under-Table Rack Shelf
30	Mockett	WM7-90NL	WIRE MANAGER GUIDE WITH VELCRO® BRAND FASTENERS - NO LOGO
10	Mockett	WM15A-90	VERTEBRAE CARRIER WIRE MANAGER
2	WILLIAMS AV	ANT 029	WILLIAMS AV ANT 029 Remote Antenna Kit with Right Angle Bracket
3	APC	PE615	Essential SurgeArrest 6 Outlet 15 Foot Cord 120V
2	APC	PE610	APC Essential SurgeArrest 6 Outlet 10 Foot Cord 120V
3	APC	PE76	APC Essential SurgeArrest PE76, 7 Outlets, 6 Foot Cord, 120V
1	Middle Atlantic	LBP-2A	Mid Atlantic LBP-2A L Shaped Lacing Bar with 2 Inch Offset - 10 Pack
1	Middle Atlantic	LBP-4A	Middle Atlantic LBP-4A L Shaped Lacing Bar w/4 Inch Offset - 10 Pack
2	FSR	WM-CP-SLD	FSR WM-CP-SLD Slide Cable Pathway from Floor to Table Bottom
50	C2G	#00877	2ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Orange
10	C2G	#00876	1ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Orange
5	C2G	#00878	3ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Orange
10	C2G	#00881	6ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Orange
20	C2G	#00779	6ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Gray
25	C2G	#00883	8ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Orange
5	C2G	#00781	8ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Gray
10	C2G	#00892	15ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Orange
10	C2G	#00786	15ft Cat6a Snagless Shielded (STP) Ethernet Network Patch Cable - Gray
10	C2G	C2G10373	ft (0.3m) C2G Performance Series Ultra Flexible High Speed HDMI® Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
5	C2G	C2G10378	10ft (3m) C2G Performance Series Ultra Flexible High Speed HDMI® Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
6	C2G	C2G10377	6ft (1.8m)C2G Performance Series Ultra Flexible High Speed HDMI® Cable - 4K 60Hz In-Wall, CMG (FT4) Rated

Quantity	Manufacturer	Model Number	Description
12	C2G	C2G10376	3ft (0.9m)C2G Performance Series Ultra Flexible High Speed HDMI® Cable - 4K 60Hz In-Wall, CMG (FT4) Rated
1	C2G	29206	250ft Bulk 18 AWG Shielded Speaker Wire - Plenum CMP-Rated
1	Belden	8451 010U500	Belden 8451 22 AWG Stranded Mic Cable - Black - 500 Foot in Unreel Box
3	LG	27UN850-W	Ultrafine UHD (3840 x 2160) IPS Display, VESA DisplayHDR 400