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## City of Madison - Public Safety Annex Large Training Room & Breakout Room AV Systems v2

Madison, AL

4/7/2025

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Item	Quantity	Description	Unit Price	Total
<b>Training Room Displays</b>				
<b>A1</b>	2	<b>Sony 85" Commercial Grade LCD Display</b> , 85" 4K Monitor, IP controllable, 3-year commercial grade warranty when installed by authorized Sony integrator.	\$2,614.00	\$5,228.00
<b>A2</b>	2	<b>Strong SM-T-XL</b> 85" Tilting LCD Wall Mount.	\$154.00	\$308.00
<b>A3</b>	2	<b>Sony 75" Commercial Grade LCD Display</b> , 75" 4K Monitor, IP controllable, 3-year commercial grade warranty when installed by authorized Sony integrator.	\$1,334.00	\$2,668.00
<b>A4</b>	2	<b>Strong SM-T-L</b> 75" Tilting LCD Wall Mount.	\$94.00	\$188.00
<b>A5</b>	4	<b>Mounting Hardware</b> , 5:1 Factor of Safety, as required.	\$28.00	\$112.00
<b>Total:</b>				<b>\$8,504.00</b>
<b>Breakout Room Display</b>				
<b>B1</b>	1	<b>Sony 75" Commercial Grade LCD Display</b> , 75" 4K Monitor, IP controllable, 3-year commercial grade warranty when installed by authorized Sony integrator.	\$1,334.00	\$1,334.00
<b>B2</b>	1	<b>Strong SM-T-L</b> 75" Tilting LCD Wall Mount.	\$94.00	\$94.00
<b>B3</b>	1	<b>Mounting Hardware</b> , 5:1 Factor of Safety, as required.	\$28.00	\$28.00
<b>B4</b>	1	<b>HDMI Input Plate &amp; Cabling</b> , located below TV for local input.	\$52.00	\$52.00
<b>Total:</b>				<b>\$1,508.00</b>
<b>Video Matrix Processor &amp; I/O Extensions</b>				
<b>C1</b>	1	<b>Extron DTP CrossPoint 84 4K</b> 8x4 Seamless 4K Scaling Presentation Matrix Switcher, Two DTP inputs and six HDMI inputs, Two HDMI outputs and two independently scaled DTP outputs, Selectable scaled DTP output rates from 640x480 to 4K	\$8,592.00	\$8,592.00
<b>C2</b>	1	<b>DTP HD DA4 4K 230 DTP HD DA 4K 230</b> Four Output DTP Distribution Amplifier, Distributes HDMI plus control and analog audio up to 230 feet (70 meters) over shielded CATx cable, Buffered HDMI input loop-through, Supports computer and video resolutions up to 4K.	\$2,448.00	\$2,448.00
<b>C3</b>	4	<b>Extron DTP HDMI 4K 230 RX</b> DTP Receiver for HDMI, Receives HDMI plus control and analog audio up to 230 feet (70 meters) over a shielded CATx cable, Supports computer and video resolutions up to 4K. <i>Receivers for left/right side TV's.</i>	\$422.00	\$1,688.00
<b>C4</b>	2	<b>Extron DTP T HWP 4K 231 D</b> DTP Transmitter for HDMI - Decorator-Style Wallplate, Transmits HDMI plus control and analog audio up to 230 feet (70 meters) over a shielded CATx cable, Supports computer and video resolutions up to 4K, Compatible with CATx shielded twisted pair cable. Accepts additional analog stereo audio signals. <i>HDMI Input at front of training room and breakout room.</i>	\$520.00	\$1,040.00
<b>Total:</b>				<b>\$13,768.00</b>

<b>PTZ Camera System (Presenter View)</b>				
<b>D1</b>	1	<b>Panasonic AW-UE20</b> 1/2.8" HD MOS Sensor, 12x Optical Zoom, Up to 4K30, HDMI/IP Streaming Output, Up to 1080p 3G-SDI/USB Output, ±170° Pan, -30 to 90° Tilt, LAN, UVC, and Serial Control, Mic/Line Stereo Audio Input, PoE+ Compatible	\$1,280.00	\$1,280.00
<b>D2</b>	1	<b>Blackmagic Design Teranex Mini SDI to HDMI 12G Converter</b> , Advanced High-Data Rate Signal Converter, Supports Up to 4K DCI 4096x2160p Signals, 12G-SDI Input and Loopout, XLR Connections Switchable to AES/EBU. <i>Conversion for PTZ cameras</i>	\$535.00	\$535.00
<b>D3</b>	2	<b>Blackmagic Design Teranex Mini Smart Panel</b>	\$88.00	\$176.00
<b>D4</b>	1	<b>Blackmagic Design Teranex Mini Rack Shelf</b>	\$110.00	\$110.00
<b>Total:</b>			<b>\$2,101.00</b>	

<b>PTZ Camera System (Audience View)</b>				
<b>E1</b>	1	<b>Panasonic AW-UE20</b> 1/2.8" HD MOS Sensor, 12x Optical Zoom, Up to 4K30, HDMI/IP Streaming Output, Up to 1080p 3G-SDI/USB Output, ±170° Pan, -30 to 90° Tilt, LAN, UVC, and Serial Control, Mic/Line Stereo Audio Input, PoE+ Compatible	\$1,280.00	\$1,280.00
<b>E2</b>	1	<b>Blackmagic Design Teranex Mini SDI to HDMI 12G Converter</b> , Advanced High-Data Rate Signal Converter, Supports Up to 4K DCI 4096x2160p Signals, 12G-SDI Input and Loopout, XLR Connections Switchable to AES/EBU. <i>Conversion for PTZ cameras</i>	\$535.00	\$535.00
<b>Total:</b>			<b>\$1,815.00</b>	

<b>AV to USB-C Encoder</b>				
<b>F1</b>	1	<b>Extron MediaPort 300</b> 4K HDMI and Audio to USB Scaling Bridge, Seamlessly integrates Pro AV systems and sources into software codec applications, HDMI input supports computer and video resolutions up to 4K/60, Video scaling provides USB output up to 4K/30 to match common software codec requirements, Device connections up to USB 5 Gbps using generic USB drivers for universal compatibility.	\$3,258.00	\$3,258.00
<b>F2</b>	1	<b>Extron SW2 USB Pro</b> Two Input USB 10G Switcher, SB 10 Gbps and USB 5 Gbps compatible, Four port output hub with USB-C and Type A connections, Hot Key, Auto, and manual switching capability, Supports selectable Host and Peripheral emulation, Ethernet Control	\$890.00	\$890.00
<b>F3</b>	3	<b>USBC/6 SuperSpeed</b> 5Gbps USB-C Cable, 6'	\$40.00	\$120.00
<b>F4</b>	1	<b>USB-A to USB-B</b> Cable, 6'	\$14.00	\$14.00
<b>Total:</b>			<b>\$4,282.00</b>	

<b>Wireless BYOD Device</b>				
<b>H1</b>	1	<b>ShareLink Pro 2000 4K Wireless Presentation System</b> , Provides full screen mirroring for all devices, ConferenceShare enables wireless use of room cameras for UC meetings, HDMI output supports displaying computer and video resolutions up to 4K, Supports Mac® and Windows® computers as well as Apple® and Android™ tablets and smartphones	\$1,394.00	\$1,394.00
<b>Total:</b>			<b>\$1,394.00</b>	

<b>Audio System DSP w/Dante</b>				
<b>I1</b>	1	<b>Biamp TesiraFORTÉ DAN VT</b> Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 32 x 32 channels of Dante, and AEC technology (all 12 inputs)	\$3,570.00	\$3,570.00
<b>Total:</b>			<b>\$3,570.00</b>	

<b>Ceiling Speakers</b>				
<b>J1</b>	16	<b>Extron FF 220T</b> Full-Range Flat Field Speakers with Low Profile Enclosure and 70/100 V Transformer	\$198.00	\$3,168.00
<b>Total:</b>			<b>\$3,168.00</b>	

<b>Power Amplifier</b>				
<b>K1</b>	1	<b>Powersoft Mezzo 602 A Power Amplifier</b> , 2 x 160W at 8 ohms, PWM technology Class D amplifier, integrated power control functionality, integrated DSP.	\$986.00	\$986.00
<b>Total:</b>			<b>\$986.00</b>	

<b>Digital Wireless Microphones - 2 Lapel &amp; 1 Handheld</b>				
<b>L1</b>	1	<b>Sennheiser EW-D 835-S SET</b> Digital Wireless Handheld Microphone System (R1-6: 520 to 576 MHz), MMD 835 Dynamic Cardioid Mic Capsule, Handheld Transmitter with Mute Switch, Intelligent Diversity Rackmount Receiver, 134 dB of Dynamic Range, 24-Bit Audio, 2240 Frequencies on Equidistant Grid, Set Up/Operate from Phone via Bluetooth, 8-Hour AA /12-Hour Rechargeable Battery, Expandable to 90 Mic Channels/330' Range.	\$682.00	\$682.00
<b>L2</b>	2	<b>Sennheiser EW-D ME2 SET</b> Digital Wireless Cardioid Lavalier Microphone System (R1-6: 520 to 576 MHz), Lightweight Bodypack Transmitter, Intelligent Diversity Rackmount Receiver, 134 dB of Dynamic Range, 24-Bit Audio, 2240 Frequencies on Equidistant Grid, Set Up/Operate from Phone via Bluetooth, 8-Hour AA /12-Hour Rechargeable Battery, Expandable to 90 Mic Channels/330' Range	\$682.00	\$1,364.00
<b>L3</b>	1	<b>Sennheiser EW-D ASA</b> 4-Way Active Antenna Splitter with DC Distribution for EW-D Wireless Systems	\$662.00	\$662.00
<b>L4</b>	1	<b>RF 50ohm Cabling</b> , as required	\$40.00	\$40.00
<b>L5</b>	1	<b>Sennheiser 508869</b> Half Wave Dipole Antenna	\$34.00	\$34.00
<b>Total:</b>			<b>\$2,782.00</b>	

<b>Control System &amp; Touchscreen</b>				
<b>N1</b>	1	<b>Extron TLP Pro 1025M</b> 10" Wall Mount TouchLink Pro Touchpanel, 10" capacitive touchscreen with 1280x800 resolution and 16 million colors, Ultra-fast quad-core processor for quick page loads, Works with any Extron control processor and HC 400 Series system, PoE+ compatible	\$2,396.00	\$2,396.00
<b>N2</b>	1	<b>Extron IPCP Pro s1 xi Control Processor</b> , 1 GB of RAM and 8 GB of Flash, Supports TouchLink Pro touchpanels, eBUS® button panels, Network Button Panels, and IPL EXP expansion interfaces, Supports secure industry standard communications protocols.	\$736.00	\$736.00
<b>Total:</b>			<b>\$3,132.00</b>	

<b>Network Switch w/Dante &amp; PoE+</b>				
<b>O1</b>	1	<b>Netgear M4350-24G4XF</b> 24-Port Gigabit PoE+ Compliant Managed AV Network Switch, 24 x Gigabit Ethernet PoE+ Ports, 4 x 10G SFP+ Ports, 128 Gb/s Switching Capacity, 95.23 Mpps Forwarding Rate, Rackmount Design, 648W Power Budget, Secondary PSU Slot, Intelligent Fan Cooling Optimized for AV-Over-IP Multicasts	\$2,278.00	\$2,278.00
<b>Total:</b>			<b>\$2,278.00</b>	

<b>Equipment Rack &amp; Power Distribution</b>				
<b>P1</b>	1	<b>Strong SR-WMS-21U</b> , 21 space equipment wall rack for AV equipment, located in breakout room.	\$1,084.00	\$1,084.00
<b>P2</b>	1	<b>Cool Components FK-120-2</b> 120mm Fan Kit w/Power Supply	\$78.00	\$78.00
<b>P3</b>	4	<b>Rackmount Panel Blanks</b> , as required.	\$14.00	\$56.00
<b>P4</b>	1	<b>Middle Atlantic</b> Horizontal & Vertical Power Distro	\$226.00	\$226.00
<b>Total:</b>			<b>\$1,444.00</b>	

<b>System Design, Installation, Programming, and Training</b>				
<b>Q1</b>	1	<b>Design and Installation</b> , all audio/video components, configuration as required.	\$8,650.00	\$8,650.00
<b>Q2</b>	1	<b>Hardware and Cabling</b> , as required, <i>with full enterprise network remote control and monitoring via PC and/or iPad.</i>	\$1,450.00	\$1,450.00
<b>Q3</b>	1	<b>Programming</b> of control system. as required.	\$750.00	\$750.00
<b>Q4</b>	1	<b>Training</b> of staff regarding control system operation and configuration.	\$0.00	\$0.00
<b>Total:</b>			<b>\$10,850.00</b>	

All pricing good 30 days unless impacted by tariffs, tax exempt.

**Grand Total: \$61,582.00**