City of Madison Municipal Complex
Video Production Upgrades v2
Madison, AL
12/8/2023
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Item	Quantity	Description	Unit Price	Total
		Full HD Video Mixer & Matrix Router		
A1	1	**Blackmagic Design ATEM 2 M/E Constellation HD Live Production Switcher**, Supports 3G/HD-SDI at 10-Bit, 20 x 3G-SDI Inputs, 12 x 3G-SDI Outputs, Up to 16-Multiview Monitoring Windows, Webcam Output via USB-C, Frame Rate/Format Converter per Input, 48-Channel Audio Mixer 8 x Upstream, 2 x Downstream Keyer, Chroma/Luma Keyers, Color/Pattern Generators, Hardware or Software Mac/Windows Control	$1,625.00	$1,625.00
A2	1	**Blackmagic Design Videohub 20x20 12G Zero-Latency Video Router**, Zero-Latency Routing Switcher, 20 x 12G-SDI Inputs/20 x 12G-SDI Outputs, Supports Up to DCI 4K60 Video, Combines SD, HD, UHD 4K & DCI 4K Video, Push-Button, Knob & Ethernet Control, 2.2" Front Panel LCD Status Display, SDI Reclocking, Compact 1 RU Size, Includes Videohub Mac/Windows Software	$2,325.00	$2,325.00
		Total:		**$3,950.00**
		Solid State Media Player (for 24/7 Stream)		
B1	1	**Theatrixx xPressCue** 4K Media Player, Dedicated hardware for seamless 4K playback. Unique "Instant Copy" button solves last minute panic situations. Supports nearly all common video, picture and audio formats. All solid state, no moving parts. Professional, locking connectors. Rugged 1U rackmount enclosure. Built-in power supply. Battle-proven embedded Linux operating system.	$4,996.00	$4,996.00
		Total:		**$4,996.00**
		Video Monitoring		
C1	1	**Sony 43" Commercial Grade LCD Display**, 43" 4K Monitor, 3-year commercial grade warranty when installed by authorized Sony integrator.	$606.00	$606.00
C2	1	**Strong Carbon Series** Large Dual-Arm Articulating Wall Mount	$176.00	$176.00
		Total:		**$606.00**
		Dedicated Streaming Encoders		
D1	2	**Extron SMP 111 Single Channel H.264 Streaming Media Processor**, Process live, high resolution HDMI video and audio with metadata, Record and stream simultaneously, High quality scaling with aspect ratio control, size, and position, Supports RTMP push streaming with stream name or key, and user authentication for services like YouTube Live, Wowza, Twitch, IBM Cloud, and more. RTMPS support for Facebook Live.	$2,910.00	$5,820.00
		Total:		**$5,820.00**

		Video System Control and Automation		
E1	1	**Extron TLP Pro 1525MG** 15" Wall Mount TouchLink Pro Touchpanel, 15" capacitive touchscreen with 1366x768 resolution and 16 million colors, Ultra-fast quad-core processor for quick page loads, Full-motion video preview and monitoring with HDMI and XTP inputs, Works with any Extron control processor and HC 400 Series system, PoE+ compatible	$1,450.00	$1,450.00
E2	1	**Extron RM 3** Rack Mount Kit for TLP Pro 1520MG	$252.00	$252.00
E3	1	**Extron IPCP Pro 350 xi IPCP Pro xi Control Processor**, 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.	$1,706.00	$1,706.00
E4	1	**Biamp NMS-NG26GPX-AVB** AVB-enabled Netgear 26-port 1G switch, 24-ports w/ PoE+, 480W	$4,480.00	$4,480.00
			Total:	**$7,888.00**

		Video Conversion & Audio Injection		
F1	2	**Blackmagic Design Teranex Mini HDMI to SDI 12G Converter**, Advanced High-Data Rate Signal Converter, Supports Up to 4K DCI 4096x2160p Signals, Two Independent 12G-SDI Outputs, XLR Connections Switchable to AES/EBU. *For local PC inputs*	$535.00	$1,070.00
F2	2	**Blackmagic Design Teranex Mini SDI to HDMI 12G Converter**, Advanced High-Data Rate Signal Converter, Supports Up to 4K DCI 4096x2160p Signals, 12G-SDI Input and Loopout, XLR Connections Switchable to AES/EBU. *Conversion for streaming encoders*	$535.00	$1,070.00
F3	2	**Blackmagic Design Teranex Mini Audio to SDI 12G Converter**, Advanced High-Data Rate Embedder, Embed Audio into up to 4K SDI Signals, Embed via XLR, AES/EBU, RCA, or S/PDIF, 12G-SDI Input and Output, Supports up to Full 4K DCI 4096x2160p, XLR Connections Switchable to AES/EBU.	$535.00	$1,070.00
F4	4	**Blackmagic Design Teranex Mini Smart Panel**	$88.00	$352.00
F5	2	**Blackmagic Design Teranex Mini Rack Shelf**	$112.00	$224.00
			Total:	**$3,786.00**

		Equipment Racks & Power Distribution/UPS		
G1	1	**Middle Atlantic BGR-19SA27MDK-A3 Rolling Presentation Rack** with Top, 19RU, 27", Comes complete with a skirted wheelbase, leveling feet, curved plexi front door, cable entry rear door and front and rear rackrail.	$2,048.00	$2,048.00
G2	1	**Middle Atlantic FAN2-DC** 4-1/2 DC Fan Kit	$96.00	$96.00
G3	1	**Existing UPS System**	Existing	Existing
G4	2	**Vertical Power Distribution**	$140.00	$280.00
			Total:	**$2,424.00**

		System Design, Installation, Programming, and Training		
H1	1	**Design and Installation**, all audio/video components, configuration as required.	$6,450.00	$6,450.00
H2	1	**Hardware and Cabling,** as required, *with full enterprise network remote control and monitoring via PC and/or iPad. Pull new SDI lines to camera and projectors. Rewire existing video distribution system.*	$925.00	$925.00
H3	1	**Programming** of control system. as required.	$825.00	$825.00
H4	1	**Training** of staff regarding control system operation and configuration.	$0.00	$0.00
			Total:	**$8,200.00**

All pricing good 30 days, tax not included

Grand Total: **$37,670.00**

Related work not included in proposal:
All 120VAC power conductors and conduits associated with power circuits to all equipment
locations shall be furnished and installation coordinated by the client.