



Kansas City Audio-Visual
 SHIPPING: 7535 Troost Ave.
 MAILING: PO Box 24570
 Kansas City, MO 64131-0570
 (800) 798-5228 | www.kcav.com

QUOTE
No. 16046

BILL TO: **JOB LOCATION:**

Turner USD 202
 800 South 55th Street
 Kansas City, KS 66106
CONTACT: Doug Powers
 powersd@turnerUSD202.org, (913)288-4139
DATE: March 11, 2021
EXPIRES:

Turner USD 202
 800 South 55th Street
 Kansas City, KS 66106
CONTACT: Doug Powers
 (913)288-4139
SALES REP: Bobby Cardwell
 bcardwell@kcav.com, (800)798-5228 EXT 125

TITLE:

Turner USD 202 - New Middle School - 3 x 3 Video Wall Option Final with Discounts

SCOPE OF WORK:

I. SUMMARY: Turner Public School is building a new Middle School, and looking at outfitting the classrooms as well as spaces throughout the building that need technology. KCAV is providing a comprehensive proposal that is under Kansas State Contract. This will be a turnkey solution that provides design, implementation, and commissioning. KCAV is to work with current Contractor to implement the proposed solutions.

In the **Classrooms** the client will be utilizing **75" Commercial displays with 5 year warranty(37 Total)**. This technology is a solution that will allow for large enough display for students to see, as well as vivid images. The client will be implementing new Viewsonic CDE Series Non Flat Panel as the new technology for the front of the room. This will allow for wireless casting for teachers and students. KCAV will install the ViewSonic at the front of the room. KCAV to utilize AC that is in place. KCAV to test the hardware to working condition. *Client to configure the display's network capabilities. KCAV will also be providing classroom audio with a two speaker sound system. This will allow for clear distributed audio. This will be fully commissioned, and be a turn key system. *Some classrooms will have a **65" Display (Quantity 10)**

In the **Conference Rooms (4 Total)**, the client will provide a consumer TV, and mount. and KCAV will install. KCAV to provide a Crestron All in one Video Conferencing Bar that includes microphone, camera, and audio. This will be connected to a Barco Clickshare that will allow for wireless casting, as well as video conferencing. KCAV to commission, and test system. *Client to configure network settings.

In the **Common's Space**, the client will be integrating a 3 x 3 55" LED Display Video Wall. This will provide a 165" HD Diagonal Presentation Display. This will be mounted in the middle of the room across the Office. There will also be an 86" Display on articulating arm for viewing at the Learning Stairs. The system will allow for the two displays to play different content at the same time. There will be a video switcher that will allow for two HDMI input wall plates, and an Apple TV input. There will be an available input for Client provided computer for virtual conferencing. There will also be an input for a digital signage player. *Client to provide the player. *Client will provide an Apple TV. KCAV to install a PTZ HD Camera for live streaming, or virtual conferencing. Client will provide a computer for this. KCAV to provide a distributed audio system that will be appropriate for the space. This will include surface mount speakers at the Video Wall, Pendant speakers at the upstairs walkway, and ceiling speakers where needed. This will allow for voice lift, foreground, and background audio as well as virtual audio for conferencing/streaming. There will also be a digital signal processor (DSP) to process the audio and mix the input sources. There will be a multiple channel amplifier to power the sound system. There will also be an XLR input as well as 3.5 Stereo for the client to plug in Auxiliary inputs. There will be a Hand Held, and Lavalier for audio in the space. Lastly, the client is wanting a Touch Screen controller for ease of use. The controller will also be able to turn system on/off, volume up/down on the projector, and source switching. With client provided IPAD, the control panel can also be replicated to have wireless control. The system is to be tested to working order, and KCAV train client on how to use the system.

In the **Idea Lab** the client is looking for a new rear projection screen, with a 137" diagonal Ceiling Mount Electric Screen. This will allow for projection to be mounted behind the screen so that people in the viewing space won't see the projector. This will be mounted above the teachers desk. There will be a video switcher that will allow for two HDMI input wall plates, and an Apple TV input. *Client will provide an Apple TV. KCAV to provide a distributed audio system that will be appropriate for the space. This will have hanging Pendant speakers. This will allow for voice lift, foreground, and background audio as presentation audio. There will also be a digital signal processor (DSP) to process the audio and mix the input sources. There will be a multiple channel amplifier to power the sound system. This will allow for voice lift, foreground, and background audio as well as presentation audio. There will also be a digital signal processor (DSP) to process the audio and mix the input sources. There will be a multiple channel amplifier to power the sound system. There will be a Hand Held, and Lavalier for audio in the space.



Lastly, the client is wanting a Push button controller for ease of use. The controller will also be able to turn system on/off, volume up/down on the projector, and source switching. The system is to be tested to working order, and KCAV train client on how to use the system.

In the **Instrument Music Room**, there is an owner/contractor furnished projection screen with KCAV provided projector, and mounting system. There will be a video switcher that will allow for one HDMI input wall plates, and an Apple TV input. *Client will provide an Apple TV. KCAV to provide a surface mounted speakers for the audio system that will be appropriate for the space. This will allow for voice lift, foreground, and background audio as well as presentation audio. There will be two hanging microphone for recording. There will also be a digital mixer to process the audio and mix the input sources. There will be a multiple channel amplifier to power the sound system. This will also have a CD/USB/Bluetooth player with Recorder for performances. This will allow for voice lift, foreground, and background audio as well as presentation audio. Lastly, the client is wanting a Push button controller for ease of use. The controller will also be able to turn system on/off, volume up/down on the projector, and source switching. The system is to be tested to working order, and KCAV train client on how to use the system.

In the **Vocal Music Room**, there is an owner/contractor furnished projection screen with KCAV provided projector, and mounting system. There will be a video switcher that will allow for one HDMI input wall plates, and an Apple TV input. *Client will provide an Apple TV. KCAV to provide a surface mounted speakers for the audio system that will be appropriate for the space. This will allow for voice lift, foreground, and background audio as well as presentation audio. There will be two hanging microphone for recording. There will also be a digital mixer to process the audio and mix the input sources. There will be a multiple channel amplifier to power the sound system. This will also have a CD/USB/Bluetooth player with Recorder for performances. This will allow for voice lift, foreground, and background audio as well as presentation audio. Lastly, the client is wanting a Push button controller for ease of use. The controller will also be able to turn system on/off, volume up/down on the projector, and source switching. The system is to be tested to working order, and KCAV train client on how to use the system.

II. SYSTEM DESCRIPTION: ViewSonic Installation

A. 75" Classroom Displays (37 Total)

- **Functionality Description:** KCAV to install wall mount where electrical is located. KCAV to mount new ViewSonic on the wall mount. KCAV to run the AC to the electrical outlet. KCAV to connect display to provided network drop. KCAV to test board to working condition. KCAV to install ceiling speakers, and amplifier. KCAV will run all necessary cabling to the hardware. KCAV will tie new Intercom system to the voice override on the Audio Enhancement amplifier. The amplifier will be located behind the TV for easy control, and to be hidden. KCAV to test audio system to optimal settings. *Client to configure Display's network capabilities.
- **Source Devices:**
 - Laptop HDMI (x1) below display
- **Displays:**
 - 75" ViewSonic
- **Audio:**
 - 2 Ceiling Speakers
- **Controls:**
 - 75" ViewSonic
 - Remote

B. 65" Classroom Displays (10 Total)

- **Functionality Description:** KCAV to install wall mount where electrical is located. KCAV to mount new ViewSonic on the wall mount. KCAV to run the AC to the electrical outlet. KCAV to connect display to provided network drop. KCAV to test board to working condition. *Client to configure Display's network capabilities.
- **Source Devices:**
 - Laptop HDMI (x1) below display
- **Displays:**
 - 65" ViewSonic
- **Audio:**
 - 2 Ceiling Speakers
- **Controls:**
 - 65" ViewSonic
 - Remote



C. Conference Rooms (4 Total)

- **Functionality Description:** KCAV to install wall mount where electrical is located. KCAV to mount client provided TV on the wall mount. KCAV to run the AC to the electrical outlet. KCAV to connect display to provided network drop. KCAV to install Crestron Flex Bar. KCAV to install Barco Clickshare unit, and make cabling connections. KCAV to test board to working condition. *Client to configure Display's network capabilities.
- **Source Devices:**
 - Barco Clickshare
 - HDMI Directly below
- **Displays:**
 - Owner Furnished Display
- **Audio:**
 - TV
- **Controls:**
 - Remote

D. Commons

- **Functionality Description:** KCAV to mount 165" 3 x 3 55" LED Display Video wall on the wall. Client to provide electrical. KCAV to install 86" Display on articulating arm for viewing at the Learning Stairs. The system will allow for the two displays to play different content at the same time. KCAV to install a video switcher that will allow for two HDMI input wall plates, and an Apple TV input. There will be an available input for Client provided computer for virtual conferencing. There will also be an input for a digital signage player. *Client to provide the player. *Client will provide an Apple TV. KCAV to install a PTZ HD Camera for live streaming, or virtual conferencing. Client will provide a computer for this. KCAV to provide a distributed audio system that will be appropriate for the space. This will include surface mount speakers at the Video Wall, Pendant speakers at the upstairs walkway, and ceiling speakers where needed. This will allow for voice lift, foreground, and background audio as well as virtual audio for conferencing/streaming. There will also be a digital signal processor (DSP) to process the audio and mix the input sources. There will be a multiple channel amplifier to power the sound system. There will also be an XLR input as well as 3.5 Stereo for the client to plug in Auxiliary inputs. There will be a Hand Held, and Lavalier for audio in the space. Lastly, the client is wanting a Touch Screen controller for ease of use. The controller will also be able to turn system on/off, volume up/down on the projector, and source switching. With client provided IPAD, the control panel can also be replicated to have wireless control. The system is to be tested to working order, and KCAV train client on how to use the system.
 - Laptop HDMI (x2) at Wall Plate
 - Apple TV at the Rack
 - Resident PC at Rack
 - Digital Signage Player
- **Displays:**
 - 165" Diagonal HD 3 x 3 LED Display Video Wall (9x 55" Displays)
 - 86" ViewSonic Display
- **Audio:**
 - Ceiling Speakers
 - Surface Speakers
 - Hanging Speakers
 - Digital Signal Processors
 - Amplifier
 - Combo Microphone Unit(HH& Lavalier)
 - XLR and 3.5 Stereo Input
- **Controls:** Simple Controller
 - Projector On/Off in conjunction with the Screen Up/Down
 - Source Switching
 - Volume Control
 - Presentation Scenes
- **Equipment Location:**
 - Rack

E. Instrument Music Room



- **Functionality Description:** Client/Contractor to provide electric screen. KCAV to build ceiling structure to mount ceiling projector. KCAV to install projector, and calibrate the image. KCAV to run cabling from HDMI wall plate to the switcher. KCAV to install a simple controller to client specific location to control the system. KCAV to install surface mounted speaker system. KCAV to run all cabling for the sound system. KCAV to install wall mounted rack unit for the system hardware. KCAV to install a mixer and amplifier, as well as feedback suppression. KCAV to install a combo wireless microphone system. KCAV to install wall plate in the gym that will have XLR, and 3.5 Stereo inputs for auxiliary input. KCAV to test all hardware to working condition, and train the client on how to use the system.
- **Source Devices:**
 - Laptop HDMI/USB (x1) at Wall Plate
 - Apple TV at the Rack
- **Displays:**
 - Owner Provided Electric Screen
 - Laser Projector
- **Audio:**
 - Surface Mount Speakers (x2)
 - Digital Rack Mount Mixer
 - Amplifier
 - Combo Microphone Unit(HH& Lavalier)
 - Ceiling Microphones (x2)
 - Audio Recorder
 - CD/Bluetooth/3.5 Audio
- **Controls:** Push Button Controller
 - Projector On/Off
 - Projector audio Up/Down
 - Source Switching
- **Equipment Location:**
 - Rack

F. Vocal Music Room

- **Functionality Description:** Client/Contractor to provide electric screen. KCAV to build ceiling structure to mount ceiling projector. KCAV to install projector, and calibrate the image. KCAV to run cabling from HDMI wall plate to the switcher. KCAV to install a simple controller to client specific location to control the system. KCAV to install surface mounted speaker system. KCAV to run all cabling for the sound system. KCAV to install wall mounted rack unit for the system hardware. KCAV to install a mixer and amplifier, as well as feedback suppression. KCAV to install a combo wireless microphone system. KCAV to install wall plate in the gym that will have XLR, and 3.5 Stereo inputs for auxiliary input. KCAV to test all hardware to working condition, and train the client on how to use the system.
- **Source Devices:**
 - Laptop HDMI/USB (x1) at Wall Plate
 - Apple TV at the Rack
- **Displays:**
 - Owner Provided Electric Screen
 - Laser Projector
- **Audio:**
 - Surface Mount Speakers (x2)
 - Digital Rack Mount Mixer
 - Amplifier
 - Combo Microphone Unit(HH& Lavalier)
 - Ceiling Microphones (x2)
 - Audio Recorder
 - CD/Bluetooth/3.5 Audio
- **Controls:** Push Button Controller
 - Projector On/Off
 - Projector audio Up/Down
 - Source Switching
- **Equipment Location:**
 - Rack

III. EXCLUSIONS: The following work is not included in our Scope of Work:



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- All conduit, high voltage, wiring panels, breakers, relays, boxes, receptacles, etc.
- Concrete saw cutting and/or core drilling.
- Fire wall, ceiling, roof and floor penetration.
- Necessary gypsum board replacement and/or repair.
- Necessary ceiling tile or T-bar modifications, replacements and/or repair.
- All millwork (moldings, trim, cut outs, etc.).
- Patching and Painting.
- Permits (unless specifically provided for and identified within the contract).

MASTER NUMBER	PART DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
	Additional Items			
WARRANTY	Workmanship Warranty	1.00 EA	\$0.00	\$0.00
	Total:			\$0.00
	Classrooms			
101342	65" 4K Ultra HD Large Format Presentation Display, 3840x2160 Resolution	10.00 EA	\$1,350.00	\$13,500.00
	65" LFD and Interactive Display Extended On-Site Repair Warranty for 4th and 5th Year	10.00	\$0.00	\$0.00
M117452	Micro-Adjust Fixed Wall Mount Medium	10.00 EA	\$125.00	\$1,250.00
M117545	Wall Enc16X9Mti-Dpre/Pst Instcvr-Wht	10.00 EA	\$95.00	\$950.00
M232809	HDMI 2.0 Cable, Premium Certified, 15ft	20.00 EA	\$15.00	\$300.00
M233897	1-Gang, HDMI Pigtail Female, White	20.00 EA	\$35.00	\$700.00
M306735	CA-30A Classroom Amplifier	10.00 EA	\$125.00	\$1,250.00
M306715	Power Supply, 24V, 2.5A	10.00 EA	\$55.00	\$550.00
M306799	CS-12 Ceiling Spkr Plenum Tile bridge	20.00 EA	\$65.00	\$1,300.00
M306775	WPA-03, Audio input/output plate	10.00 EA	\$125.00	\$1,250.00
M303099	18-2, Unshielded, Plenum, 1,000' Reel	1.00 EA	\$230.00	\$230.00
100001	Cables & Hardware	10.00 EA	\$100.00	\$1,000.00
INSTALLATION-ONSITE	Installation - Onsite	60.00 HR	\$110.00	\$6,600.00
PROJMGMT	Project Management	16.00 HR	\$130.00	\$2,080.00
COMMISSIONING	Commissioning	10.00 HR	\$120.00	\$1,200.00
101343	75" 4K Ultra HD Large Format Presentation Display, 3840x2160 Resolution	37.00 EA	\$1,999.00	\$73,963.00
	70"-75" LFD and Interactive Display Extended On-Site Repair Warranty for 4th and 5th Year	37.00	\$0.00	\$0.00
M117323	Micro-Adjust Fixed Wall Mount Large	37.00 EA	\$175.00	\$6,475.00
M117545	Wall Enc16X9Mti-Dpre/Pst Instcvr-Wht	37.00 EA	\$95.00	\$3,515.00
M232809	HDMI 2.0 Cable, Premium Certified, 15ft	74.00 EA	\$15.00	\$1,110.00
M233897	1-Gang, HDMI Pigtail Female, White	37.00 EA	\$35.00	\$1,295.00
M306735	CA-30A Classroom Amplifier	37.00 EA	\$125.00	\$4,625.00
M306715	Power Supply, 24V, 2.5A	37.00 EA	\$55.00	\$2,035.00
M306799	CS-12 Ceiling Spkr Plenum Tile bridge	74.00 EA	\$65.00	\$4,810.00
M306775	WPA-03, Audio input/output plate	37.00 EA	\$125.00	\$4,625.00
M303099	18-2, Unshielded, Plenum, 1,000' Reel	4.00 EA	\$230.00	\$920.00



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100001	Cables & Hardware	37.00 EA	\$100.00	\$3,700.00
INSTALLATION-ONSITE	Installation - Onsite	222.00 HR	\$110.00	\$24,420.00
PROJMGMT	Project Management	24.00 HR	\$130.00	\$3,120.00
COMMISSIONING	Commissioning	37.00 HR	\$120.00	\$4,440.00
	84"-86" LFD and Interactive Display Extended On-Site Repair Warranty for 4th and 5th Year	1.00	\$0.00	\$0.00
	Classrooms Total:			\$171,213.00
	Commons			
	Qty 9 - UN552VS bundled with nine ONSTEMN-3Y-15 warranties, 25ft cat5e patch cable, 3 x 3 pull-out fully adjustable mounting system, Qty 3 - SurgeX four port power conditioners, KT-LFD-CC2 Color Calibration Kit, IR/Remote Kit	1.00	\$43,995.00	\$43,995.00
101344	86" 4K Ultra HD Large Format Presentation Display, 3840x2160 Resolution	1.00 EA	\$3,695.00	\$3,695.00
101992	Unified Core with 8 local audio I/O channels, 64x64 network 8x8 Dante	1.00 EA	\$1,995.00	\$1,995.00
M101271	Q-SYS PoE bridging endpoint for AV-to-USB Bridging. Delivers driverless usb 2.0 connection. Includes	1.00 EA	\$1,920.00	\$1,920.00
M101217	2000W Amplifier using FAST channel combining technology. 4 channels, 500 watts/ch at 80, 700 watts/c	1.00 EA	\$1,840.00	\$1,840.00
M101405	Q-SYS 8.0 PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power input	1.00 EA	\$1,500.00	\$1,500.00
101069	Q-SYS Software-based Dante 8x8 Channel License, Perpetual	1.00 EA	\$165.00	\$165.00
M101378	Q-SYS Core 110 UCI Deployment Software License, Perpetual	1.00 EA	\$167.00	\$167.00
M101376	Q-SYS Core 110 Scripting Engine Software License, Perpetual	1.00 EA	\$334.00	\$334.00
103004	Single Gang US Dante/AES67 Wall Plate w/ 2Mic/Line Inputs on XLR and 1/4" TRS combo connectors,POE	2.00 EA	\$899.00	\$1,798.00
M101363	Q-SYS PoE camera for AV-to-USB Bridging 20x Optical Zoom 60 horizontal field of view. For medium to	1.00 EA	\$4,500.00	\$4,500.00
100587	2 Channel 1 Gang US Wall Plate w/BlueTooth In/Analog Out, White and Black inserts and Decora plates	2.00 EA	\$499.00	\$998.00
M107999	Narrow-Coverage Pendant Spkr w 6-1/2"	4.00 EA	\$320.00	\$1,280.00
M107558	High-Power J-shaped line array column	2.00 EA	\$1,037.00	\$2,074.00
M107681	6.5"CEILING SPKR W/X-FRMER(2PR Per CTN)	6.00 EA	\$157.00	\$942.00
M202069	16SP/22D ECON WLRKBKDR	1.00 EA	\$695.00	\$695.00
M228007	DTP CrossPoint 84 4K - 8x4 Seamless Scaling Presentation Matrix Switcher - Preamp Output w/o Amplif	1.00 EA	\$7,995.00	\$7,995.00
M227894	DTP T HWP 4K 231 D - DTP Transmitter for HDMI - Decorator-Style Wallplate, White - 230 feet (70 m)	2.00 EA	\$450.00	\$900.00
M227908	DTP R HWP 4K 331 D - Long Distance DTP Receiver for HDMI - Decorator-Style Wallplate, White - 330 f	2.00 EA	\$450.00	\$900.00
102739	2 Channel Access Point Transceiver	1.00 EA	\$1,200.00	\$1,200.00
	2 Channel Networked Charging Station	1.00	\$525.00	\$525.00
102741	Hybrid Bodypack Transmitter	1.00 EA	\$510.00	\$510.00
100245	Omnidirectional 5mm Subminiature Lavalier Microphone, TQG for Shure Bodypacks, Black	1.00 EA	\$215.00	\$215.00
	Hybrid Handheld Transmitter	1.00	\$525.00	\$525.00
100001	Cables & Hardware	30.00 EA	\$100.00	\$3,000.00



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PROGRAM	Programming	40.00 HR	\$120.00	\$4,800.00
COMMISSIONING	Commissioning	24.00 HR	\$120.00	\$2,880.00
PROJMGMT	Project Management	1.00 HR	\$130.00	\$130.00
LIFT-RENTAL	Lift Rental / Scaffolding	1.00 EA	\$1,250.00	\$1,250.00
	Commons Total:			\$112,528.00
	Conference Rooms			
M105592	UC Video Conference Smart Soundbar & Camera	4.00 EA	\$1,000.00	\$4,000.00
101091	ClickShare CX-30 set	4.00 EA	\$2,299.00	\$9,196.00
100001	Cables & Hardware	4.00 EA	\$100.00	\$400.00
INSTALLATION-ONSITE	Installation - Onsite	20.00 HR	\$110.00	\$2,200.00
PROGRAM	Programming	6.00 HR	\$120.00	\$720.00
COMMISSIONING	Commissioning	6.00 HR	\$120.00	\$720.00
PROJMGMT	Project Management	4.00 HR	\$130.00	\$520.00
	Conference Rooms Total:			\$17,756.00
	Idea Lab			
	Access V, 137", 16:10, Cineflex CH1200V, with Low Voltage Controller	1.00	\$4,845.00	\$4,845.00
M204999	WUXGA LCD, 6500 Lumen Advanced Professional Laser Installation Projector (THIS PRODUCT SHIPS WITHOUT	1.00 EA	\$6,125.00	\$6,125.00
M204970	0.79 - 1.1:1 Motorized Zoom Lens (lens shift) for the NP-PA653U/PA803U/PA853W/PA903X and NP-PA653UL/	1.00 EA	\$2,575.00	\$2,575.00
M116995	Kit Rpmaw Cms003W Cms440 Cma470	1.00 EA	\$450.00	\$450.00
M226974	IN1604 DTP - Four Input HDCP-Compliant Scaler with DTP Extension	1.00 EA	\$1,695.00	\$1,695.00
M227885	DTP HDMI 4K 230 Rx - HDMI Twisted Pair Receiver - 230 feet (70 m)	2.00 EA	\$350.00	\$700.00
M227894	DTP T HWP 4K 231 D - DTP Transmitter for HDMI - Decorator-Style Wallplate, White - 230 feet (70 m)	1.00 EA	\$450.00	\$450.00
M226792	DMP 44 LC - 4x4 Digital Matrix Processor	1.00 EA	\$625.00	\$625.00
M227278	MLC Plus 100 - MediaLink Plus Controller	1.00 EA	\$895.00	\$895.00
M227445	XPA 1002 Plus - Two Channel Amplifier - 100 Watts Per Channel @ 8 Ohms	2.00 EA	\$495.00	\$990.00
	Wireless Digital Microphone System with SM58 Handheld Transmitter	1.00	\$560.00	\$560.00
	Wireless Digital Microphone System with Bodypack Transmitter and WL185 Lavalier Mic	1.00	\$595.00	\$595.00
M107681	6.5"CEILING SPKR W/X-FRMER(2PR Per CTN)	4.00 EA	\$157.00	\$628.00
M108040	PREMIUM HIGH-CEILING COAX w/ 6.5"	8.00 EA	\$269.00	\$2,152.00
M307899	Rack-Desktop-10U, 18in Deep, Front/Rear Rails, Blk	1.00	\$265.00	\$265.00
M307903	Door-Plexiglass Front-10U, Locking, Blk	1.00	\$215.00	\$215.00
	Rear rack door	1.00	\$100.00	\$100.00
100891	Rack-Desktop-7U, 18in Deep, Front/Rear Rails, Blk	1.00 EA	\$225.00	\$225.00
INSTALLATION-ONSITE	Installation - Onsite	64.00 HR	\$110.00	\$7,040.00
PROGRAM	Programming	16.00 HR	\$120.00	\$1,920.00



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PROJMGMT	Project Management	16.00 HR	\$130.00	\$2,080.00
COMMISSIONING	Commissioning	8.00 HR	\$120.00	\$960.00
LIFT-RENTAL	Lift Rental / Scaffolding	1.00 EA	\$2,000.00	\$2,000.00
	Idea Lab Total:			\$38,090.00
	Instrumental Music			
	Electric Screen - OFOI	1.00	\$0.00	\$0.00
M205004	NP-PA803UL with NP41ZL lens. Bundle includes PA803UL projector and NP41ZL lens, 5 Year Warranty (Ca	1.00 EA	\$8,425.00	\$8,425.00
M116995	Kit Rpmaw Cms003W Cms440 Cma470	1.00 EA	\$395.00	\$395.00
M226974	IN1604 DTP - Four Input HDCP-Compliant Scaler with DTP Extension	1.00 EA	\$1,695.00	\$1,695.00
M227885	DTP HDMI 4K 230 Rx - HDMI Twisted Pair Receiver - 230 feet (70 m)	2.00 EA	\$350.00	\$700.00
M227894	DTP T HWP 4K 231 D - DTP Transmitter for HDMI - Decorator-Style Wallplate, White - 230 feet (70 m)	1.00 EA	\$450.00	\$450.00
M226792	DMP 44 LC - 4x4 Digital Matrix Processor	1.00 EA	\$625.00	\$625.00
M227278	MLC Plus 100 - MediaLink Plus Controller	1.00 EA	\$895.00	\$895.00
M101265	2 channels, 500 watts/ch at 8 Ohms, 700 watts/ch at 4 Ohms	1.00 EA	\$450.00	\$450.00
M101071	10" Two-way surface speaker, 70/100V transformer with 80 bypass, 90 conical DMT coverage, includes	2.00 EA	\$670.00	\$1,340.00
M200209	CD/USB/1/8" Aux/Bluetooth/Balanced/RS232/Pitch Control Audio Player	1.00 EA	\$349.00	\$349.00
100692	Network SD/USB Audio Recorder with Dante 2 x 2 Interface	1.00 EA	\$650.00	\$650.00
	Wireless Digital Microphone System with SM58 Handheld Transmitter	1.00	\$560.00	\$560.00
	Wireless Digital Microphone System with Bodypack Transmitter and WL185 Lavalier Mic	1.00	\$595.00	\$595.00
M207855	Cardioid Black Mini-Condenser for Overhead Miking, 30 Cable, In-Line Preamp with XLR Microphone Stan	2.00 EA	\$225.00	\$450.00
M109770	32 channel rack mount digital, 16 Mic/Line + 3 stereo inputs, expandable with dSNAKE, 10 mix outputs	1.00 EA	\$1,499.00	\$1,499.00
M109779	8 x 4 Remote AudioRack, dSNAKE I/O for expansion, 1 RU, 48kHz	1.00 EA	\$799.00	\$799.00
M202069	16SP/22D ECON WLRKBKDR	1.00 EA	\$650.00	\$650.00
100001	Cables & Hardware	15.00 EA	\$100.00	\$1,500.00
INSTALLATION-ONSITE	Installation - Onsite	64.00 HR	\$110.00	\$7,040.00
PROGRAM	Programming	16.00 HR	\$120.00	\$1,920.00
COMMISSIONING	Commissioning	16.00 HR	\$120.00	\$1,920.00
PROJMGMT	Project Management	8.00 HR	\$130.00	\$1,040.00
	Instrumental Music Total:			\$33,947.00
	Vocal Music			
	Electric Screen - OFOI	1.00	\$0.00	\$0.00
M205004	NP-PA803UL with NP41ZL lens. Bundle includes PA803UL projector and NP41ZL lens, 5 Year Warranty (Ca	1.00 EA	\$8,425.00	\$8,425.00
M116995	Kit Rpmaw Cms003W Cms440 Cma470	1.00 EA	\$395.00	\$395.00
M226974	IN1604 DTP - Four Input HDCP-Compliant Scaler with DTP Extension	1.00 EA	\$1,695.00	\$1,695.00
M227885	DTP HDMI 4K 230 Rx - HDMI Twisted Pair Receiver - 230 feet (70 m)	2.00 EA	\$350.00	\$700.00



Kansas City Audio-Visual
 SHIPPING: 7535 Troost Ave.
 MAILING: PO Box 24570
 Kansas City, MO 64131-0570
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M227894	DTP T HWP 4K 231 D - DTP Transmitter for HDMI - Decorator-Style Wallplate, White - 230 feet (70 m)	1.00 EA	\$450.00	\$450.00
M226792	DMP 44 LC - 4x4 Digital Matrix Processor	1.00 EA	\$625.00	\$625.00
M227278	MLC Plus 100 - MediaLink Plus Controller	1.00 EA	\$895.00	\$895.00
M101265	2 channels, 500 watts/ch at 8 Ohms, 700 watts/ch at 4 Ohms	1.00 EA	\$450.00	\$450.00
M101071	10" Two-way surface speaker, 70/100V transformer with 8O bypass, 90 conical DMT coverage, includes	2.00 EA	\$670.00	\$1,340.00
M200209	CD/USB/1/8" Aux/Bluetooth/Balanced/RS232/Pitch Control Audio Player	1.00 EA	\$349.00	\$349.00
100692	Network SD/USB Audio Recorder with Dante 2 x 2 Interface	1.00 EA	\$650.00	\$650.00
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PROJMGMT	Project Management	8.00 HR	\$130.00	\$1,040.00
	Vocal Music Total:			\$33,947.00

SUBTOTAL:	\$407,481.00
TAX:	\$0.00
TOTAL:	\$407,481.00

Order Instructions:

1. Send this quote along with your purchase order to: orders@kcav.com.
2. If using this form as a purchase order, sign and return this form to KCAV. Include your billing address and PO and/or project number on this form.
3. Be sure your purchase order reflects shipping/handling terms as indicated on this quote.

Payment Terms:

1. Hardware-only orders over \$50,000 require a 50% deposit.
2. In keeping with industry standards, payment terms for commercial projects that involve installation are as follows: 40% deposit in advance of start of project, 40% invoiced following delivery of hardware, and 20% invoiced following completion of project.
3. Credit card payments will incur a 4% convenience fee in allowed states.
4. Standard payment terms are Net 30 days from date of invoice.

Please review the following terms before placing your order:

1. Pricing is valid for 30 calendar days from date of this quote.
2. A minimum 20% restocking fee will be charged on returned items. Return shipping is the responsibility of the customer.
3. All sales are subject to KCAV Terms and Conditions, which can be found at www.kcav.com/termsandconditions.



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IF YOU WISH TO ACCEPT THIS PROPOSAL AND RELATED STATEMENT OF WORK, PLEASE SIGN AND RETURN

BUYER: _____

DATE: _____

BUYER
SIGNATURE: _____

PO NO.: _____