



MISSISSIPPI STATE
UNIVERSITY™

INVITATION FOR BIDS

OFFICE OF PROCUREMENT & CONTRACTS

1. INSTRUCTIONS FOR BIDDERS

- a. Sealed bids will be received in the Office of Procurement & Contracts, Mississippi State University, for the purchase of the items listed herein.
- b. All bids must be received in the Office of Procurement & Contracts on or before the bid opening time and date listed herein. Delivery of bids must be during normal working hours, 8:00 a.m. to 5:00 p.m. CST, except on weekends and holidays when no delivery is possible.
- c. Bidders shall submit their bids in a sealed envelope.
 - i. Sealed bids should include the bid number on the face of the envelope as well as the bidders' name and address. Bids should be sent to: 245 Barr Avenue, 610 McArthur Hall, Mississippi State, MS 39762.
- d. All questions regarding this bid should be directed to the Office of Procurement & Contracts at 662-325-2550.

2. TERMS AND CONDITIONS

- a. All bids should be bid "FOB Destination"
- b. Bidders must comply with all rules, regulations, and statutes relating to purchasing in the State of Mississippi, in addition to the requirements on this form. General Bid Terms and Conditions can be found here:
https://www.procurement.msstate.edu/procurement/bids/Bid_General_Terms_May_2019_V2.pdf
- c. Any contract resulting from this Invitation for Bid shall be in substantial compliance with Mississippi State University's Standard Contract Addendum:
<https://www.procurement.msstate.edu/contracts/standardaddendum.pdf>

ITS Bid Number: 25-43

Opening Date: May 7, 2025 at 2:00 p.m.

Description: Distance AV Classroom Upgrade

Vendor Name: _____

Vendor Address: _____

Telephone Number: _____

Days the Offer is Firm: _____

Authorized Signature: _____

Name: _____

Title: _____

Bagley College of Engineering request bids for hardware and installation services for the upgrade of equipment in Butler 104 and Swalm 100 on Mississippi State University's Starkville campus. Equipment purchased and installed for each classroom must work together accordingly and integrate into their existing audio/video solution. Mississippi State University reserves the right to award the contract or PO either to a single vendor capable of providing both hardware and installation services, or to separate vendors for each component. To be considered for a component, a vendor must submit a bid that includes all specified hardware or all specified installation services.

HARDWARE COMPONENTS:

Item	Quantity	Description	Unit Price	Total Price
1	2	Shure wireless audio receiver ULXD4-G50 - Shure		
2	2	Shure wireless bodypack ULXD1-G50 - Shure		
3	2	Shure bodypack microphone WL185 - Shure		
4	2	2-Bay Networked Docking Charger with power supply SBC220-US - Shure		

Item	Quantity	Description	Unit Price	Total Price
5	2	Li-Ion rechargeable batteries SB900B - Shure		
6	1	VisionSC-UHD2 Datapath		
7	2	4K Network AV Encoder/Decoder – Card DM-NVX-360C - Creston		
8	2	Audio DSP Q-SYS Core 110f - QSC		
9	2	Audio Amplifier - 300W - 70V AMP-X300 - Creston		
10	2	4-Series Control Processor CP4N - Creston		
11	2	4K Network AV Encoder/Decoder – Box DM-NVX-360 - Creston		
12	2	10" Table stand Touch Screen Control Panel TS-1070-B-S - Creston		
13	4	Power Strip PDX-920R – Middle Atlantic		
14	2	UPS UPX-RLNK-200R-8 – Middle Atlantic		
15	1	37 SP Plexi Front Door, Univ PFD-37 – Middle Atlantic		
16	1	PD THIN, 1-15A, 16 out, cord PDT-1615C-NS – Middle Atlantic		
17	1	100PC 10-32 rack screws HP – Middle Atlantic		
18	4	3SP Anond Drawer w/ Lock D3LK – Middle Atlantic		
19	4	24" monitor with 3.5mm audio out EA241F-BK - NEC		
20	2	Wireless keyboard and mouse 920-002416 - Logitech		
21	2	Camera Controller RM-IP500/1 - Sony		
22	2	3.5 M/F sterio audio extension cable, black (3 feet) 40406 - C2G		
23	2	ATH-M20x Professional Studio Monitor Headphones, Black 094375870 – Audio-Technica		
24	2	USB-C to USB-A 2m 28872 - C2G		
25	8	DM-NVX-D30C Creston		

Item	Quantity	Description	Unit Price	Total Price
26	2	USB-A to USB-B 3.0 6.6 Feet 54174 - C2G		
27	4	Mini-DisplayPort (M) to HDMI (M) 4K Active Cable (10') C-MDP/HM/UHD-10 - Kramer		
28	60	Cat 6 snagless Ethernet patch cable, 3 foot 50781 – C2G		
29	20	Cat 6 snagless Ethernet patch cable, 5 foot 50783 – C2G		
30	20	Cat 6 snagless Ethernet patch cable, 7 foot 50785 – C2G		
31	2	40x1G PoE+ 480W and 8xSFP Managed Switch M4250-40G8F-PoE+ (GSM4248P) - Netgear		
32	1	Dual monitor arm STAND-V002 - VIVO		
33	2	USB 2.0 A (M) to A (F) Extension Cable C-USB/AAE-6 - Kramer		
34	4	6ft 75 ohm RG-6 BNC cable C-BM/BM-6 - Kramer		
35	2	AAP 301 black 60-632-02 - Extron		
36	2	AAP (1)HDMI F-F black 70-616-12 - Extron		
37	2	AAP blank plate black 70-090-11 - Extron		
38	2	AA (1)RJ45 F-F black 70-402-11 - Extron		
39	2	USB PowerPlate 200 AAP black 60-1937-02 - Extron		
40	2	AirMedia Wireless Presentation Gateway AM-3200-WF - Creston		
41	2	7 in. Touch Screen, Black Smooth TS-770-B-S - Creston		
42	6	4K Network AV Decoder – Box DM-NVX-D30 - Creston		
43	10	4K Network AV Encoder – Card DM-NVX-E30C - Creston		
44	4	4K Network AV Encoder – Box DM-NVX-E30 - Creston		
45	4	DigitalMedia Card Chassis for NVX Cards DMF-CI-8 - Creston		
46	4	6-1/2" Two-Way Ceiling Speaker - 70V Saros_IC6T-W-T-Each - Creston		

Item	Quantity	Description	Unit Price	Total Price
47	1	Wacom Cintiq Pro 24 Creative Pen and Touch Display – 4K DTH2420K0 - Wacom		
48	1	Wacom Ergo Stand, Cintiq Pro 24 ACK62801K - Wacom		
49	8	HDMI cable (10') C-HM/HM-10 - Kramer		
50	10	HDMI cable (6') C-HM/HM-6 - Kramer		
51	8	HDMI cable (3') C-HM/HM-3 - Kramer		
52	2	98" Ultra High Definition Commercial Display E988 - NEC		
53	1	43" professional-grade P435 - NEC		
54	1	Large FIT single flat-panel ceiling mount TS318TU - Chief		
55	4	4K PTZ cameras BRC-X400 - Sony		
56	4	Wall mount bracket 535-2000-240 - Vaddio		
57	4	USB 2.0 A (M) to A (F) Extension Cable C-USB/AAE-10 - Kramer		
58	4	RS-232, D9(F) to bare end cable C-D9F/OPEN-3 - Kramer		
59	1	USB A-B cable (10') C-USB/AB-10 - Kramer		
60	2	MIDRSH453M Dell OPTIPLEX7020 [SFF] CUS RACKSHLF3SP SPAT 14DP - For Dell Optiplex SFF 7020 PC dimensions: 290mm x 92.6mm x 292.8mm x 3mm (WxHxDxF) – Middle Atlantic		
61	2	USB 3.0/3.1 Gen 1 powered HDMI capture device U-TAP-HDMI - AJA		
62	2	DP to HDMI 4K (6') C-DPM/HM/UHD-6 - Kramer		
		HARDWARE TOTAL		

INSTALLATION:

Item	Quantity	Description	Unit Price	Total Price
1	1	Installation		
		INSTALLATION TOTAL		

Installation Services:

- Audio and video equipment will be installed into two classrooms with existing hardware.
- Existing hardware in both classrooms will be removed by MSU.
- Existing network and audio cabling must be removed by installer. Existing cabling cannot be reused.
- Existing Panduit conduit must be reused. Damaged conduit must be replaced by installer.
- Installer is responsible for providing all network cable (Cat 6) and audio cable for the installation.
- Programming of all hardware to be performed by MSU.
- All cabling must be labeled on both ends of cable according to installation documentation.
- All patch panels must be labeled according to installation documentation.
- All network and audio cabling run through the ceiling must be tied up off the grid.
- All exposed wiring within each classroom must be run through Panduit conduit or elephant trunk cable guides.

General:

- Installation and operation must be completed by July 11th, 2025.

Warranty/Maintenance/Support:

- all items must be new; no refurbished or used equipment is allowed.
- all items must include original manufacturer's warranty

- all components shall have a minimum 3 year warranty.
- all network cabling and terminations shall have a minimum of 1 year warranty.
- warranty shall start upon completion of installation, start-up, and acceptance
- hardware installers must provide on-site service for installation troubleshooting and support during warranty period

Physical/Environmental:

- all components shall be air cooled utilizing room air at an average of 78 degrees Fahrenheit
- air flow shall be bottom of rack to top of rack
- all powered components must support 120 volt power input.

Shipping/Delivery/Installation:

- all shipping/delivery/installation costs shall be included
- power cables, rack mount kits, cable management arms, etc... must be included

Vendor Credentials:

- hardware installers should have credible experience with Crestron audio/video systems used in a classroom environment.
- hardware installers must be CTS-I, Crestron DM-NVX, and QSC Q-SYS Certified Level 2 certified
- hardware installers must provide up to three references upon request of customers using these or similar products of the manufacturer.

Acceptance Criteria:

- successfully installation of all audio and video equipment
- successfully operation of Crestron equipment with client's developed application