

Bid Specifications - Jumbotron

East Mississippi Community College Stadium

Sullivan-Windham Field

1512 Kemper St Scooba, MS 39358

LED VIDEO DISPLAY

- LED's Manufacturer: Desay LED or equivalent

Ribbon Display

- Active Area: 35'-4 1/8" w x 3'-11 1/8" h
- Pixel Pitch: 6.2mm
- Display Pixels: 1728w x 192h
- Full Color and Video

Main Display

- Active Area: 35'-4 1/8" w x 23'-6 3/4" h
- Pixel Pitch: 6.2mm
- Display Pixels: 1728w x 1152h
- Full Color and Video

LED PANELS

- LED resolution: 25,600 per square meter
- Pixel Design: SMD
- Full-enclosed IM design, anti-moisture, water and dustproof
- Sealed Data and Power Connections
- Power Supplies are enclosed in a sealed power supply enclosure.
- Electrical Certification Testing by UL, ETL, and CE
- FCC tested and compliant.
- Anti-UV module and self-cooling design
- IC Driver: MBI5251 or equivalent,
- Refresh Rate: 3840 Hz
- Color Contrast 1000:1
- LED Lifespan: 100,000 plus hours
- Video Frame Rate: 50-60Hz
- Digital Processing: 14bit
- Greyscale :16384 levels per color
- Brightness: 6,000nits
- Minimum View Angle 140° horizontally and 75° vertically
- Serviceability: Front
- Cabinet Depth: 4.5" maximum
- Construction: Aluminum

DISPLAY SOFTWARE

- Ability to have Advertising Reports and Folders
- Ability to have Player Profiles and Stats
- Game Prompts with a click of a button.
- Graphic Folders for Organizing Content
- Custom Designed Scoreboards for all Sports
- Zones so that you can customize your screen and play content anywhere.
- Cue up content to play automatically.
- Live Video Inputs so that you can play live video anywhere on the screen.

CHANNEL LETTERS

- Illuminated EM channel lettering logo (5'-3 1/4" x 4'-6 1/8") in center-speakers on each side behind mesh (see sound specs)
- 5" deep fabricated channel logo of aluminum construction

VIDEO PROCESSOR

Input Connections:

- HDMI 1.4 (In & Loop) Qty:1
- HDMI 1.4 Qty: 1
- DVI (In & Loop) Qty:1
- DVI Qty:1
- 3G-SDI (In & Loop) Qty:1
- 10G Optical Fiber Port (OPT1) Qty:1

Output Connections:

- 1GB Ethernet Ports with a processing capacity of up to 650,000 pixels per port
- Ethernet Ports Qty:10
- Optical Fiber Outputs: 2
- Audio Input and Output
- Power Consumption 28W
- Brightness Control

DISPLAY CONTENT CONTROL HARDWARE

- M3 Pro Processor or equivalent
- 3024 X 1964 Screen Resolution
- 512 GB SSD
- 36 GB RAM
- HDMI Input Qty:1
- Thunderbolt Connection Qty:3
- Touch ID Security
- 14-inch Screen

INSTANT REPLAY SYSTEM

- Intel i7 processor
- NVIDIA RTX A2000 12 GB GDDR6 graphics card or equivalent
- 1 TB SSD
- 10 gbs USB-C Ports Qty:2
- USB-A Ports Qty:4
- HDMI 2.1 Qty:1
- Display Port 1.4 Qty:1
- Wireless Mouse
- Wireless Keyboard
- 34-inch curved monitor

SWITCHER

- Push Button Switching
- 4K HDMI Inputs Qty:4
- SDI 4K Inputs Qty:4
- 4K HDMI Outputs Qty:2
- AUX Output Qty:1
- SDI 4K Outputs Qty:2
- BNC Output Qty:1
- XLR Inputs Qty:2
- SLR Output Qty:1

STADIUM SOUND SYSTEM - Non Cardioid Pattern No Subs

- EV MTS-4153-64FWB *Full-range, point-source, three-way loudspeaker with 60° x 40° coverage, fully weatherized, black. Sold only with Dynacord IPX amplifiers. Will not be sold with other amplifiers. **x2**
- Dynacord IPX104-DSP power amplifier 4x2500W with OMNEO/Dante & FIR drive, install. Ships with 32A powerCON power connector. **x1**
- Altelix NS242424A1C-24x24x24 NEMA 4X Steel Weatherproof Enclosure with 120 VAC Outlets and Power Cord w/ fan **x1**
- Air conditioning unit-Air conditioner for amp rack enclosure **x1**
- Whirlwind THS1T-Whirlwind THS1T Push-to-Talk Sport Announcer Box **x1**
- Allen & Heath ZEDi-8-* 8-Channel Analog USB Mixer with Instrument Inputs **x1**
- Shure QLXD24/SM58 ...-QLXD2/SM58 Handheld Transmitter with SM58® Microphone **x1**
- Shure QLXD14/SM35-* QLX-D Headworn Microphone System, Performance Headset Microphone **x1**
- Shure WA360-In-Line Mute Switch with TA4F for Lavalier Mics **x1**
- Shure UA221-Shure UA221 Two Passive Antenna Splitters and Four Coaxial Cables **x1**

- Shure UA874XA-* Active directional antenna with gain switch (902-960 MHz) **x2**
- Shure UA825-* 25' UHF Remote Antenna Extension Cable, BNC-BNC, RG8X/U Type **x2**
- Shure UABias-US-* In-line Adapter. Supplies 12V DC bias power over coaxial BNC cable, includes PS23US **x2**
- Shure UA874US-* Active Directional UHF Antenna with integrated amplifier x2 (470-698MHz) **x2**
- Shipping-Shipping charge from manufacturer **x1**
- Mesh in front of Speakers on sides of EM sign in center
- Bottom Sign and Top Truss/Speaker/Field Name Panel Remove On Structure
- Use Existing Poles/Structure

TRAINING AND GRAPHICS

- Provide On-site training
- Free lifetime Tech Support
- Custom animations package: Provide a minimum of 15 animation custom graphics with school colors and logos

SERVICE AND INSTALLATION

- Serviced by Bidding Company's In-House Installation Team
- 48-hour Service Guarantee: If deemed necessary, the bid company's in-house service technician must be on-site within 48 hours.
- Displays Mounted with galvanized Unistrut for durability and rust prevention
- EMCC is responsible for required Power/Fiber upgraded prior to install by In-House Install Team
- FREE Lifetime Software Support
- Bidding Company Provides all Necessary Press box Essentials

PROJECT REQUIREMENTS

- Electrical and Fiber Drawings are required with bid.
- Engineer drawing required and must be approved after awarding bid.
- 48-hour service guaranteed
- Parts Warranty: 5 years
- Labor Warranty: 1 Year
- All installation should be done by the vendor who wins bid.
- The LED Display frame and structure will be provided and installed by the vendor.