

Request for Bid Proposal

Chester County Board of Education

Sound and Lighting for Williams Auditorium

Bid Submission Deadline: July 8, 2019

Time : 10:00 A.M.

Location: Chester County Board of Education
970 East Main Street
Henderson, Tennessee 38340

Telephone: (731) -989-5134

Contact: Britt Eads 731-435-3046

Contact: Troy Kilzer 731-989-5134

Installation of new Sound and Lighting Equipment

I. The purpose of this bid specification is to obtain proposals from qualified vendors that can provide and install new sound and lighting equipment at Williams Auditorium.

II. Each interested vendor shall be responsible for the review of information contained herein, other information as requested, required site visitation, and other information which will represent the vendor's best effort for the construction at these locations.

III. Requirements for Submission of Proposal

A. Submittal Guidelines

1. Submit one (1) original copy with bid sheet on top.
2. It is the Vendor's responsibility to clearly identify and to describe the products and services being offered in response to the Solicitation.
3. All required information must be furnished and presented in an organized, comprehensive and easy to follow manner.
4. Provide proof of liability and workers compensation insurance.
5. Vendor will submit a current background check, and letterhead confirming that all employees working on the job have a current background check. (Can be submitted after vendor selection, but is required before work begins. Failing to provide the background check will disqualify the vendor.)
6. Sign Iran Divestment Act Affidavit.
7. If Bidder has more than 5 employees, the Bidder shall furnish in a separate envelope a **Drug Free Affidavit** approved and signed by the State of TN Commerce Department in accordance with State Law (T.C.A. 50-9-113).
8. Valid State Licensure
9. **Attend the required Site Visitation on Friday, June 19, 2019 at 10:00am at the Chester Co. Board of Education.**

B. How to Submit Proposal Responses

All proposal responses shall be submitted with attached Bid Sheet as the cover sheet in a sealed opaque envelope with the following information written on the outside of that envelope:

1. The bidders company name
2. Contractor's license #, classification and expiration date
3. **Mailed or delivered to the address shown below for receipt by the Chester County Board of Education on or before 10:00 a.m. on July 8, 2019.**

- (a). Mailing or Hand Deliver Address:
Chester County Board of Education
970 East Main St.
Henderson, Tennessee 38340

C. Bid Opening

Submitted bids will be publically opened on July 8, 2019 at 10:00 a.m.

IV. Scope of Work

A. Site Preparation

- Attend the required site visitation to learn the specifications and view the physical site to inspect the layout of the building.
- See Appendix A for specifications

B. Safety

All Vendors and installers or subcontractors performing services for Chester County Board of Education are required and shall comply with all Occupational Safety and Health Administration (OSHA), State and County Safety and Occupational Health Standards and any other applicable rules and regulations. The Vendor and subcontractors shall be held responsible for the safety of their employees and any unsafe acts or conditions that may cause injury or damage to any persons or property within and around the work site area under this contract.

C. Warranty

Vendor proposals should address each of the following:

1. Applicable warranty and/or guarantees of equipment and installations including any conditions and response time for repair and/or replacement of any components during the warranty period.
2. Guarantee: The Proposer unconditionally guarantees the materials and workmanship on all material and/or services. If, within the guarantee period any defects occur due to faulty material and/or services, the Proposer at their expense, shall repair or adjust the condition, or replace the material and/or services to the complete satisfaction of the Chester County Board of Education. These repairs, replacements or adjustments shall be made only at such time as will be designated by the Chester County Board of Education to ensure the least impact to the operation of Chester County Board of Education business.

V. Bid Amount

Bid amounts should include all applicable service charge, fees and permits associated with this project. The vendor assumes all responsibility for cost incurred upon the acceptance of this project.

VI. Site visitation

Site Visitation is required to submit a bid. The required site visit will occur on *June 19, 2019 starting at 10:00am.* We will meet at the Chester County Board of Education (970 E. Main St., Henderson, TN) and will drive to Williams Auditorium. Questions about the site visit can be directed to Britt Eads at 731-435-3046.

VII. Other Requirements

A. Non-Discrimination Provision

Chester County Board of Education is committed to promoting equal opportunities for all and to eliminating prohibited discrimination in all forms. For purposes of this section, *prohibited discrimination* means discrimination in the solicitation, selection, and / or treatment of any subcontractor, vendor, or commercial customer on the basis of race, ethnicity, gender, age, religion, national origin, disability or other unlawful form of discrimination. Accordingly, all vendors entering into contracts with the Chester County Board of Education shall, upon request, be required to show proof of such nondiscrimination and to post in conspicuous places, available to all employees and applicants, notices of nondiscrimination.

B. Insurance Requirements

To the extent permitted by law the successful Vendor shall indemnify and save harmless the Chester County Board of Education, its officers, agents, employees and assigns from and against all loss, damages, expenses and liability caused by an accident or other occurrence resulting in bodily injury, including death, sickness and disease to any person; or damage or destruction to property, real or personal; arising directly or indirectly from operations, products or services rendered or purchased under this Bid request. **Certificate of General Liability Insurance shall be required of the successful vendor with the Chester County Board of Education.**

C. Compliance with Laws

The Vendor shall obtain and maintain all licenses, permits, liability insurance, workers compensation insurance and comply with any and all other standards or regulations required by federal, state or local statute, ordinances and rules during the performance of this contract between the Vendor and Chester County Board of Education. The vendor will assume any cost for non-compliance with laws related to the installation of the units.

D. Specifications

Any obvious error or omission in specifications shall not inure to the benefit of the Vendor but shall put the Vendor on notice to inquire of the Chester County Board of Education representative about the error or omission. Whenever mention is made of any article, material or workmanship to be in accordance with laws, ordinances, building codes, underwriter's codes, the requirements of these laws, ordinances, etc., shall be construed to be the minimum requirements of the specifications.

E. Liens

The Vendor shall, if required by the Chester County Board of Education, furnish him/her with a release in full of all liens arising out of this contract or in-lieu thereof, and receipts in full for all materials and labor on the job. In either case, the Vendor shall furnish an affidavit that the liens or receipts include all the labor and material for which a lien could be file. In lieu of the above, the Vendor may at his/her option furnish a bond to indemnify the Chester County Board of Education against all hazards of liens. Neither part nor final payment shall in any way release the Vendor from the above obligation and in the event that part or full payment has been made and any lien remains discharged, the Vendor shall refund to the Chester County Board of Education the necessary funds to discharge such a lien including all cost and attorney's fees.

VIII. Acceptance/Rejection of Proposal

A. Standards for Acceptance of Proposal for Award Contract

1. The award shall be made to the lowest responsible Vendor taking into consideration, quality, performance and the time specified in the bid for the performance of the contract. Chester County Board of Education alone shall make such determination.
2. The Chester County Board of Education reserves the right to reject any or all bids and to waive any irregularities or technicalities in bids received whenever such rejection or waiver is in the best interest of the Chester County Board of Education.
3. This Request for bid does not commit Chester County Board of Education to contract for any requirements of this solicitation.
4. Nothing in this Section shall prohibit the Chester County Board of Education from conducting discussions with Vendors after the bid opening.
5. A purchase order issued to the successful vendor shall be deemed to result in a binding contract

B. Late Bids

Bids not received by 10:00 a.m. on July 8, 2019, will not be opened or considered, unless the delay is a result of negligence by the Chester County Board of Education, its agents, or assigns.

C. Notice to Proceed

The successful bidder shall not commence work under this Request for Bids until duly notified by receipt of an executed contract from the Chester County Board of Education. If the successful Vendor does commence work prior to receiving official notification, that action is taken at the successful Vendor's risk.

IX. Evaluation of Bids

Bids will be evaluated by the Chester County Board of Education in compliance with applicable competitive bidding requirements. The companies with the best value and most competitive proposals may be invited for interviews.

A. Errors in Bids

Vendors or their authorized representatives are expected to fully inform themselves as to the conditions, requirements and specifications before submitting bids. Failure to do so will be at the Vendor own risk. In case of error in extension of prices in the proposal, the unit prices shall govern.

B. Criteria for Assessment of Bids

To assess the equipment, designs and services submitted in response to this BID, the criteria to be used will include, but not be limited to, the following:

1. Proposed cost and quality of equipment and services.
2. Warranties offered;
3. Installation experience and qualifications, including applicable certifications and licensure.
4. Anticipated completion date.

Appendix A

Williams Auditorium Equipment Specs

Digital Audio Console

Preferred: (1) Midas M32 Live

Minimum Requirements

- 40 Input Channels
- 32 Microphone Preamps
- Motorized Faders
- Touch Panel Display
- 8 DCA Groups and 6 Mute Groups
- USB Port Recording
- 6 Aux Inputs and 6 Aux Outputs
- iPad and iPhone App Control

NO BEHRINGER OR PRESONUS

Digital Audio Snake

Preferred: (1) Midas DL32

Minimum Requirements

- 32 Microphone Preamplifiers with Switchable +48V Phantom Power
- 16 electronically balanced low impedance line level outputs
- ULTRANET personal monitoring system connectivity for in-ear applications
- Two AES-3 ports (AES/EBU), e.g. for directly connecting PA system controllers with digital inputs
- Remote operation up to 100 m via CAT5/5e cable
- Features Neutrik etherCON AES50 and ULTRANET network ports
- Rugged 3U rackmount chassis for durability in portable applications

Digital Audio Processor

Preferred: (1) Klark Teknik DM8000

Minimum Requirements

- Advanced digital audio processor with open architecture software-configurable functionality
- Comprehensive library of DSP algorithms optimised for installation applications
- 8 Channels of wide band Acoustic Echo Cancellation (AEC) for telephone and video conferencing
- PC-based software with intuitive graphical user environment and full networking support
- 10 high-headroom analogue universal mic/line inputs
- 6 electronically balanced low impedance line level outputs
- Optional ULTRANET digital audio transport output for connection to compatible devices
- Ethernet port for software configuration and remote control up to 100 m via CAT5/5e cable
- Rugged 1U rackmount chassis for ease of installation
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Floor Monitors

Preferred: (4) Turbosound TFM122M with 2 Channel Amplifier

Minimum Requirements

- 2-Way stage monitor for touring applications
- 350W continuous, 1400W peak power
- Neutrik speakON NL4 connectors for reliable operation
- Include 50' 12awg NL4 Cables
- Each channel of the amplifier must be able to drive (2) monitors

Power Sequencer System

Preferred: (1) Furman CN-1800S
(6) Furman CN-20MP
(3) Tripp Lite ISOBAR12-20

Minimum Requirements

Furman CN-1800S

- AC Voltage Input Range: 90-139VAC, 50/60Hz
- Maximum AC Current Rating: 15 amps
- Surge/Under-Overvoltage Protection
- AC Filtering
- Key-switch: Front panel, 3-position key-switch (On, Off, Remote)
- Keys: Included, 1 pair
- Push-button Switch: Front panel, hidden by security cove

Furman CN-20MP

- SmartSequencing allows bidirectional, safe sequenced power up/down operations via the push of a button or turn of a key.
- 20 Amp Output Maximum Current Capacity

Tripp Lite IBAR12

- 12 NEMA 5-15R outlets in exclusive isolated filter banks
- Network-grade 3840-joule surge protection rating
- Mounts into 1U of space in EIA-standard 19 in. racks

Wireless Microphone System

Preferred: (1) Shure QLXD24/SM58

Minimum Requirements

- Interchangeable microphone capsule
- Over 120dB of dynamic range provide ample headroom
- Digital predictive switching diversity ensures solid RF connection
- AES 256-bit encryption for secure transmission
- One-touch sync function for easy setup
- LCDs provide easy-to-navigate menus and controls
- Selectable display mode shows group/channel, frequency, or battery runtime
- Audio and RF LED meters let you monitor levels and signal strength
- External charging contacts for docked charging
- Mac, PC, and iOS-compatible for remote operation
- Rugged construction provides durability

Overhead Stage Microphones

Preferred: (8) Shure MX202B/C

Minimum Requirements

- Microflex series hanging choir microphone
- Cardioid pickup pattern
- Discreet black color for a low profile
- Flexible 4" gooseneck with a 30' cable
- Included in-line preamplifier
- Supplied stand-mount adapter for portable applications
- Wide dynamic range and frequency response, for accurate sound reproduction

Speaker Array System

Preferred: (6) Turbosound TBV123-AN – Powered Array Speakers
(2) Turbosound TBV123-FB - Fly Bar
(2) Turbosound TCS218B-AN – Powered Dual 18" Subwoofer

Minimum Requirements

Turbosound TBV123-AN

- 2 way full range loudspeaker for installation applications
- Constant curvature Dendritic waveguide with 100° H x 15° V dispersion 2,500 Watt power featuring KLARK TEKNIK Class-D technology
- KLARK TEKNIK Digital Signal Processing for total system control
- ULTRANET digital audio networking connects to mixers and other sources
- Carbon fibre loaded 12" neodymium low frequency driver with inside/outside wound coil
- Fully featured user interface with LCD display for ease of navigation

Turbosound TBV123-FB

- Fly up to 4 speakers in unique arrays
- Multiple pick points for suspension at your desired angle
- Includes drop links and rigging pins for painless installation
- Rugged steel construction with a corrosion-resistant semi-matte black finish

Turbosound TCS218B-AN

- Dual front loaded powered subwoofer
- Watt power featuring KLARK TEKNIK Class-D technology
- KLARK TEKNIK Digital Signal Processing for total system control
- ULTRANET digital audio networking connects to mixers and other sources
- Fully featured user interface with LCD display for ease of navigation

Stage Lighting System

Stage Wash

Preferred: (10) EVE E-100Z Stage Ellipsoidal with Clamp and Safety Cable

Minimum Requirements

- DMX Channels: 1 or 3
- DMX Connectors: 3-pin XLR
- Light Source: 1 LED (warm white) 100 W (2.3 A), 50,000 hours life expectancy
- Strobe Rate: 0 to 30 Hz
- Illuminance: (30°): (30°): 3,800 lux @ 2 m (30°): 829 lux @ 5 m
- Power Linking: 9 units @ 120 V; 16 units @ 230 V
- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Stage Color Wash

Preferred: (12) Chauvet EVE P-130 RGB WASH with Clamp and Safety Cable

Minimum Requirements

- DMX Channels: 3 or 9
- DMX Connectors: 3- and 5-pin XLR
- Light Source: 40 LEDs (13 red, 13 green, 14 blue) 130 W total, (2.5 A), 50,000 hours life expectancy
- Strobe Rate: 0 to 34 Hz
- PWM Frequency: 2 kHz
- Beam Angle: 25°, 35° or 45°
- Field Angle: 45°, 55° or 65°
- Power Linking: 8 units @ 120 V; 16 units @ 230 V

Stage Up-lighting

Preferred: (6) COLORband T3 LED Strip Light

Minimum Requirements

- DMX Channels: 3, 6, 8, 9 or 14
- DMX Connectors: 3-pin XLR
- Light Source: 12 LEDs (tri-color RGB) 3 W (700 mA), 50,000 hours life expectancy
- Strobe Rate: 0 to 26 Hz
- PWM Frequency: 1.2 kHz
- Beam Angle: 27°
- Field Angle: 45°
- Coverage Angle: 45°
- Illuminance: 1,760 lux @ 2 m
- Power Linking: 21 units @ 120 V; 38 units @ 230 V

Lighting Controller

Preferred: (1) Champsys QuickQ30

Minimum Requirements

- Supports 4 universes (2048 DMX channels)
- Large touchscreen with easy to understand and intuitive graphical interface
- User prompts throughout setup, programming, and operation
- Remote app identical to console display for easy swapping
- 2 USB ports for loading and saving shows, and for optional keyboard and mouse audio input and output
- 40 fixture faders
- 2 USB ports for loading and saving shows, and for optional keyboard and mouse audio input and output
- Built-in Wi-Fi port for easy connection of tablets and smartphones
- Offline editor with MagicVis visualizer available for Mac/Window

OPTIONS

Wireless Microphone System

Preferred: Shure QLXD14/93 Include Antenna Distribution

Minimum Requirements

- Lavalier microphone allows for hands-free vocal performance
- Over 120dB of dynamic range provide ample headroom
- Digital predictive switching diversity ensures solid RF connection
- AES 256-bit encryption for secure transmission
- One-touch sync function for easy setup
- LCDs provide easy-to-navigate menus and controls
- Selectable display mode shows group/channel, frequency, or battery runtime
- Audio and RF LED meters let you monitor levels and signal strength
- External charging contacts for docked charging
- Mac, PC, and iOS-compatible for remote operation
- Rugged construction provides durability

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As per Tennessee Code Annotated, Title 12, and effective July 1, 2016:

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to § 12-12-106.

Signature

Date