

Invitation to Bid

20160524 LED VIDEO MARQUEE

Responses to an Invitation to Bid will be received by the Purchasing Supervisor, Sumner County Board of Education, 1500 Airport Road, Gallatin, TN 37066 for 20160524 LED VIDEO MARQUEE until 1:00 p.m. CDT May 24, 2016. Bid responses will be opened at that time, taken under advisement and evaluated. Should you have any questions please contact David Woods–Principal at Portland High at david.woods@sumnerschools.org. All proposals are subject to the Board of Education’s conditions and specifications which are available from Vicky Currey, Purchasing Supervisor (615) 451-6560. All bids can be viewed on line at www.sumnerschools.org.

NOTICE TO RESPONDENTS

Responses to an Invitation to Bid will be received by the Purchasing Supervisor in the SUPPORT SERVICE FACILITY CONFERENCE ROOM, Sumner County Board of Education, 1500 Airport Road Gallatin, TN 37066. They will be received until **1:00 P.M. Local Time May 24,2016** for **20160524 LED VIDEO MARQUEE**, at which time the responses will be opened, taken under advisement and evaluated. **BIDS WILL BE POSTED ON www.sumnerschools.org**

GENERAL REQUIREMENTS AND CONDITIONS

1. The Sumner County Board of Education reserves the right to accept or reject any and/or all responses in whole or in part, and to waive informalities therein.
2. Any responses received after the scheduled closing time for the receipt for responses will not be considered.
3. If a mistake is discovered after the responses are received, only the Sumner County Board of Education may allow the respondent to withdraw the entire response.
4. Partial payments will not be approved unless justification for such payment can be shown. Terms will be net 30 days.
5. Payment will not be made until the said **20160524 LED VIDEO MARQUEE** are inspected and approved as meeting all specifications by persons appointed by the Sumner County Board of Education.
6. Responses submitted must be in a sealed envelope and marked on the outside as follows:
RESPONSE: 20160524 LED VIDEO MARQUEE
DEADLINE: May 24, 2016 @ 1:00 P.M.
7. Facsimile responses will not be considered.
8. If a successful bidder violates any terms of their bid, the contract, school board policy or any law they may be disqualified from bidding for a period of two years for minor violations or longer for major violations. Bids from disqualified bidders will not be accepted during the period of disqualification.
9. Prices quoted on the response (if any) are to be considered firm and binding until the said **20160524 LED VIDEO MARQUEE** are in the possession of the Sumner County Board of Education.
10. No purchase or contract is authorized or valid until the issuance of a Board Purchase Order in accordance with Board Policy. No Board Employee is authorized to purchase equipment, supplies or services prior to the issuance of such a Purchase Order.
11. Any deviation from these stated terms, specifications and conditions must be coordinated with and approved in writing by the Purchasing Supervisor, Vicky Currey (615) 451-6560.
12. All bids that exceed \$25,000 must have the Company Name, License Number, Expiration Date thereof and License Classification of Contractor listed on outside of sealed envelope. As required by State of Tennessee Code Annotated 62-6-119.
13. The awarded bidder will be required to post a performance and payment bond in the amount of 25% of the contract price if it exceeds \$100,000 as stated by State of Tennessee Code Annotated 12-4-201.
14. If the project cost in excess of \$25,000 a performance bond must be secured by the requesting party in an amount equal to the market improvement value.

Portland High School

LED Video Marquee Display Specification

Double-face LED video display must meet or exceed the below minimum specifications. No exceptions will be considered.

1. Pixel Spacing: Center to center pixel spacing must not exceed 19.1 mm (0.75 inch)
2. Pixel Design: Each pixel must be separate one from another. No virtual or hybrid pixel technologies will be accepted. Each pixel must be comprised of no more or less than 1 red, 1 green and 1 blue LED.
3. Half-Brightness Viewing Angles: 140 degrees horizontal/70 degrees vertical
4. Video & Graphics Capability: The display must be able to show pre-recorded video clips at up to 20 frames per second. Software driving display must have the ability to import AVI, BMP, GIF, JPG and other graphic file types.
5. Brightness/Dimming: Maximum brightness up to 10,000 nits. Dimming must be automated using software dimming based on global position of LED display.
6. Temperature Display: Bid must include temperature sensor for real time display of temperature.
7. Data Integration: Display must have the ability to display RSS feeds for real time data such as news, sports, weather, etc.
8. LEDs must be lifetime rated at 100,000 hours. Lifetime is defined as the point at which the LED degradation reaches 50% original brightness.
9. Color Capability: Display must have ability to display from a total color palette of no less than 1.15 quintillion colors.
10. Matrix: LED display will be no less than 48 pixels high x 112 pixels wide.
11. Character Capability: LED display will show no less than 6 lines of text. Minimum character size must be no greater than 5". Display will have ability to display true type fonts as well as fixed-width fonts.
12. LED & Pixel Density: LED display must have no fewer than 2,750 pixels per square meter and 8,250 LEDs per square meter. Total LED count for this specific display should be no less than 16,128 (5,376 red LEDs, 5,376 green LEDs, 5,376 blue LEDs).
13. Communication: LED display must use long-range high-speed secure radio communication with minimum range of 1000'. Though actual range will be less than 1000', fog and other environmental interference can reduce maximum range; thus, 1000' minimum has been established for this specification. Radio communication will connect the display controller to customer's network. Display can be updated and controlled via network using manufacturer's software over customer's network.
14. Computer: Manufacturer's display control software will be loaded and set-up on customer-provided computer by installer or manufacturer's representative.
15. Software: Software must be capable of running on Windows and have the capability of editing, scheduling, proof of performances, 3rd party software importation, font editor, as well as true

type font use from customer's font library. Overview of features of the display software as well as hardware requirements must be included with bid proposal.

16. Security: Password protection must be built into the display software.
17. Each face of the LED display cabinet should not exceed ~~41" H x 87" L x 5" D~~.
18. Ventilation: Sign should not require air conditioning. Ventilation may be via front of display and should not require filters. If filters are required, bid proposal must include service requirements and recommended filter replacement and costs associated therewith.
19. LED display manufacturer must have a minimum of 10 years continuous experience manufacturing LED display modules and display cabinets under the same business name.
20. LED display modules and cabinet(s) must be manufactured by the same company. Location of manufacturer must be included in bid proposal. If LED display broker or distributor is providing LED display, original location of manufacture and manufacturer name and credentials must be provided with bid proposal. Failure to provide this information will result in bid disqualification. Winning bidder may be asked to provide a manufacturing facility tour to end user or their representative. Cost of travel to and from facility will not be the responsibility of the bidder, but the end user.
21. Must have US based manufacturing facility.
22. LED display cabinet(s) must be extruded aluminum cabinetry featuring precision mitered corners, solid welds and 30% gloss black polyurethane finish.
23. Windowless Design: LED modules must be mounted to the front of the cabinet without being covered by a Lexan or other transparent face.
24. Display Access: LED display must have front access for maintenance and repair.
25. LED modules must be encapsulated for protection from the environment and be fully submersible under water to demonstrate weatherproof capability. Upon receipt of bid award, winning bidder must provide a demonstration of the LED module running under water. LED modules provided in the specified display must have the same weatherproofing capability as the demo unit.
26. Warranty: Display shall carry a minimum of 5-year parts warranty. Display manufacturer will send replacement or exchange parts via a maximum 2 business day delivery. Manufacturer will not charge customer up-front for exchange parts and will credit the returned faulty parts prior to invoicing. The above mentioned service will be provided for the entirety of the 5-year parts warranty. Phone technical support, troubleshooting and basic display operation support must be provided for the entirety of the display life (10 years minimum).
27. Content: A content CD must be included with the manufacturer's control software and be pre-loaded with a minimum of 1,000 pre-produced content files formatted to the display size being specified; the content must include animations and backgrounds that can be utilized on the display without size modification. The pre-produced content files need not be specific to any industry type.
28. Lead time: Lead time for display to be on-site once contract is signed and down payment made should be no more than 8 weeks.

29. Future Serviceability: Sign Company or manufacturer to provide future service must be no more than 50 miles from Portland High School located at 600 College St, Portland, TN 37148. All future service by winning bidder can only be charged for time spent on-site and minimal driving time. Specifically, total drive time to and from the school may not be charged at more than 1 hour per service call.

SUMNER COUNTY BOARD OF EDUCATION

Purchasing Department
1500 Airport Road
Gallatin, TN 37066

COMPANY NAME _____

ADDRESS _____

TELEPHONE _____

EMAIL _____

AUTHORIZED COMPANY REPRESENTATIVE _____ *SIGNATURE*

AUTHORIZED COMPANY REPRESENTATIVE _____ *PRINTED*

DATE _____

BID TITLE 20160524- LED Video Marquee

DEADLINE May 24, 2016 1:00 p.m. Local time

BID AMOUNT \$ _____

BID GOOD THRU _____

NOTES: _____

99 in



**PORTLAND
HIGH SCHOOL**

4 ft

53 in

15 ft



24 in

7.5 ft