



Robertson County Tennessee
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Finance Department
523 South Brown Street, Springfield, TN 37172
(615) 384-0202 Fax (615) 384-0237

POST DATE: **5/4/2017**

Illuminated Sign with Electronic Message Center

Sealed bids must be received by: **5/24/2017 at 10:15 AM**

Robertson County Finance Office
523 South Brown Street
Springfield, TN 37172

THE OUTSIDE OF THE ENVELOPE MUST BE MARKED WITH THE BIDDER'S COMPANY NAME, ITEM BID, TIME OF BID OPENING, DATE OF BID OPENING, BID NO. 1353 AND MUST BE MARKED "SEALED BID, DO NOT OPEN."

Bids are opened and read aloud to the public at the Robertson County Finance Office, 523 S. Brown Street, Springfield, TN 37172 immediately after the bid receipt deadline. Each vendor may submit more than one bid provided each bid meets the stated specifications. Each bid must be submitted in a separate sealed envelope with the appropriate notation on the outside. All bids must be signed by an authorized agent and submitted on the prescribed forms. Submission of bids by telegraph, telephone, or other electronic means is strictly prohibited. Any brand name called for in the bid specifications is provided as a reference only. Alternate brand name items offered for bid must be equivalent as to function, basic design, type and quality of material, method of construction, and any required dimensions. Bidder must attach a letter of exception to specifications.

For assistance with technical / product information contact Mike Davis, Director, Schools at (615) 384-5588. For assistance with bid procedures contact Cheryl Moon, Robertson County Finance Office at (615) 384-0202 or by email: cheryl.moon@robertsoncountyttn.org.

Note: Robertson County reserves the right to reject any or all bids, to waive any technicalities or informalities, and to accept any bid deemed in the best interest of the County. All bids will be considered in accordance with Title VI and without regard to age, sex, color, race, creed, national origin, religious persuasion, marital status, political belief, or disability that does not prohibit the performance of duty.

Robertson County Schools IFB #1353

Illuminated Sign with Electronic Message Center

Robertson County is accepting sealed bids for the following:

One (1) free standing pole, two-sided Illuminated Sign with Electronic Message Center

Specifications are as follows:

Electrical feeder line and pole to be put in place by the customer.

Top Modular – Illuminated Sign Featuring the School Name and School Logo

(1) 3' 7"H x 10'W DOUBLE FACED SIGN

- *UNDERWRITERS LABORATORY APPROVED – FEATURES THE U.L. LABEL
- *STEEL FRAME WITH .063 ALUMINUM FILLER
- *DHO FLUORESCENT ILLUMINATION
- *REMOVABLE FACE FOR SERVICE
- *1 POLE SADDLE MOUNT (SLIP FIT)
- *PAINTED POLYURETHANE FINISH
- *DISCONNECT SWITCH
- *PAN-EMB. & PAINTED POLYCARBONATE FACES ON SECOND SURFACES
- *STD. CONSTRUCTION / COLORS / MATERIALS
- *PYLON POLE COVER WITH CUSTOMER LOGO

The faces will be pan formed high impact Lexan (solar grade) with embossed copy and/or flat painted copy with all painting on the second surface(s) as per color specified by customer.

Furnish and install one (1) automatic electric industrial grade photocell.

Prime & paint existing steel column with one coat of industrial grade enamel.

Lower Modular - Electronic Message Center Display

24 x 144 matrix, (3) lines, 20mm / 5.50 inches, red, double faced twinpak Electronic Message Center Sign

Double-face LED video display must meet or exceed the below minimum specifications. **Any and all exceptions to these specifications must be noted.** Use a separate sheet if necessary.

Pixel Spacing: Center to center pixel spacing must not exceed 20 mm

Half-Brightness Viewing Angles: 140 degrees horizontal/70 degrees vertical

Brightness/Dimming: Maximum brightness up to 4,000 to 5,000 nits. Dimming must be automated.

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Electrical Service: Electrical service requirements cannot exceed 30 amps single phase 120 volt service for both faces combined. The sign shall have separate electric sources: One (1) for the illuminated sign and one (1) for the LED message center. Note: Electrical feeder line to be furnished by the customer.

Compliance Information: UL48, CUL48 & UL

Temperature Rating and Thermal Control: All electrical components should be rated to operate between -40 degrees to +185 degrees Fahrenheit. Power Supplies should automatically shut down if temperature exceeds 144 degrees Fahrenheit to ensure maximum life of the LEDs.

LEDs must be lifetime rated at 100,000 hours. Lifetime is defined as the point at which the LED degradation reaches 50% original brightness.

Matrix: LED display will be no less than 24 pixels high x 144 pixels wide.

Character Capability: LED display will show no less than 3 lines of text with 24 characters across. Minimum character size must be no greater than 5.5". Display will have ability to display true type fonts as well as fixed-width fonts.

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.

Computer: Manufacturer's display control software will be loaded and set-up on customer provided computer by installer or manufacturer's representative.

Software: Display software must be provided with the display with one (1) software license and key; and one (1) USB software key or converter. Software must be capable of running on Windows and have the capability of editing, 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.

Security: Password protection must be built into the display software as well as the extra security measure of a USB software key or converter that will enable the updating of the display. Software must not have the capability to update the display without the required USB software key or converter and password.

Cabinet Dimensions: Each face of the LED display cabinet should not exceed 1' 7/8" x 9' 5 3/8. (3 lines high)

Ventilation: Display must provide means of ventilation.

LED display manufacturer must have a minimum of four (4) years continuous experience manufacturing LED display modules and display cabinets under the same business name.

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LED display modules and cabinets must be manufactured by the same company. Location of manufacturer must be included in bid proposal.

Must have a manufacturing facility based in the United States.

LED display cabinet(s) must be extruded aluminum cabinetry featuring precision mitered corners, solid welds and 30% black polyurethane finish.

Windowless Design: LED modules must be mounted to the front of the cabinet without being covered by a Lexan or other transparent face.

Display Access: LED display must have front access for maintenance and repair.

LED modules provided must have weatherproofing capability. Waterproof to a depth of _____ ft.

Warranty: Display shall carry a minimum of five (5) year parts warranty. Display manufacturer will send replacement or exchange parts via a maximum three (3) 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 five (5) year parts warranty. Phone technical support, troubleshoot and basic display operation support must be provided for the entirety of the display life (10 years minimum).

Content: A content CD must be included with the manufacturer's control software and be pre-loaded with 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 industry type.

Serviceability: Provider must be able to provide on-site response in one (1) business day.

Crate & Ship Components

Dell Dimension Entry Level PC w/ flat panel screen OR Approved Equal, including Vivid Graphics Software or Approved Equal

Long range – High speed - RF wireless modem

Temperature sensor

Up to 10 hours on site and / or over the phone software training.

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Installation

Installation, center pole coverage, all labor, materials and equipment required.

The sign structure may be installed on the existing steel column(s) or new steel column(s) provided by the customer.

Where applicable, an extra charge may be submitted to Robertson County for the sign erection permits, State of Tennessee electrical permits and permit procurement.

Where applicable, if excessive rock is struck or any unforeseen circumstances are encountered, an approved Change Order is required before work may proceed.

Footing Orientation – Reinforcing Steel – Spread Footings

Any footing issues on new or existing poles shall be brought to the attention of Robertson County’s project representative for consultation and remedy before proceeding with sign installation.

Orientation of Spread Footings – All rectangular footing should be placed perpendicular to the sign face.

Reinforcing Steel – Spread footings as sized do not theoretically require internal reinforcement. To allow for shrinkage and field conditions, it is suggested a top and bottom reinforcing mat be provided consisting of #5 bars at 18” ea. way – 3” clear.

All selected sections and footings, although based on a 30 pound/ sq. ft. should be performed by a licensed structural engineer.

Payment Terms

Robertson County’s terms are Net 30 days upon satisfactory completion and submission of invoice. However, Robertson County reserves the right to accept or reject any proposed Vendor terms as stated below:

Bond

Successful Bidder shall provide a performance bond or cash bond for the full value of the sign from order date through installation and date of final acceptance, if required by customer.

Insurance

Successful Bidder shall provide a Certificate of Insurance naming Robertson County Schools as “Additional Insured” limited to interest in the above referenced project in the following minimum coverages:

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General Liability	\$1,000,000
Automobile Liability	\$1,000,000
Umbrella Liability Aggregate	\$5,000,000
Workers' Compensation	\$500,000

Licenses, Permits and Affidavits

Proof of all necessary licenses in good standing with the State of Tennessee shall be supplied with this bid.

Proof of Robertson County, TN Business License in good standing must be provided for any native Robertson County business OR any non-native business if this project exceeds \$49,999.

Successful bidder shall provide proof of any necessary permits before commencing physical work.

Affidavits included with this bid shall be completed and submitted along with the bid.

Maintenance Agreement Proposal

The Bidder shall include a Maintenance Agreement Proposal with annual pricing along with this bid. The proposal shall, at minimum, include and address the following:

With and/or without Labor: Replacement of Parts for any paint, part, component or repair covered by warranty.

With and/or without Labor: Replacement of Parts for any part, component or repair within the sign body not covered by warranty.

Parts and Labor costs to repair or replace paint, printing & logos not covered by warranty.

Chemical cleaning of sign exterior at least once annually.

Labor Rate for items not covered by warranty or in any other section.

Additional inspections requested by Customer.

Night Patrol checking with minimum of once annually.

Do Not Include: Parts and Labor for any electrical wiring service or their controls located outside the sign body.

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If accepted, one (1) annual invoice shall be submitted for the Maintenance Agreement. Any additional non-warranty parts and labor not covered by the agreement shall require a separate, authorized Purchase Order, and be billed separately.

All exceptions to these specifications must be noted.

Robertson County School System reserves the right to accept or reject all bids or any parts thereof. Awarded bid may be used to purchase multiple signs at multiple locations. Other School Districts and Local Governments may purchase from this bid provided their Purchasing Policy requirements have been met.

LUMP SUM PRICE Illuminated Sign with Electronic Message Center \$_____ F.O.B. Installed

Estimate From Purchase Order to Completion _____ Days

Bid Price Shall Be Good for _____ Months

Annual Maintenance Agreement \$_____

Non-Collusion Affidavit

The agent of the bidding firm hereby certifies to the best of his/her knowledge and belief that this bid proposal to Robertson County, Tennessee has not been prepared in collusion with any other seller of similar products. The agent also certifies that the prices, terms and conditions of said bid proposal have not been communicated by the undersigned, nor by any employee or agent of the bidding firm, to any other seller of similar products and will not be communicated to any such seller prior to the official opening of said bid. The agent further states that no official or employee of Robertson County Government has promised any personal financial or other beneficial interest, either directly or indirectly in order to influence award of this bid.

Authorized Signature, Title (Owner/ Corporate Officer) _____ Date _____

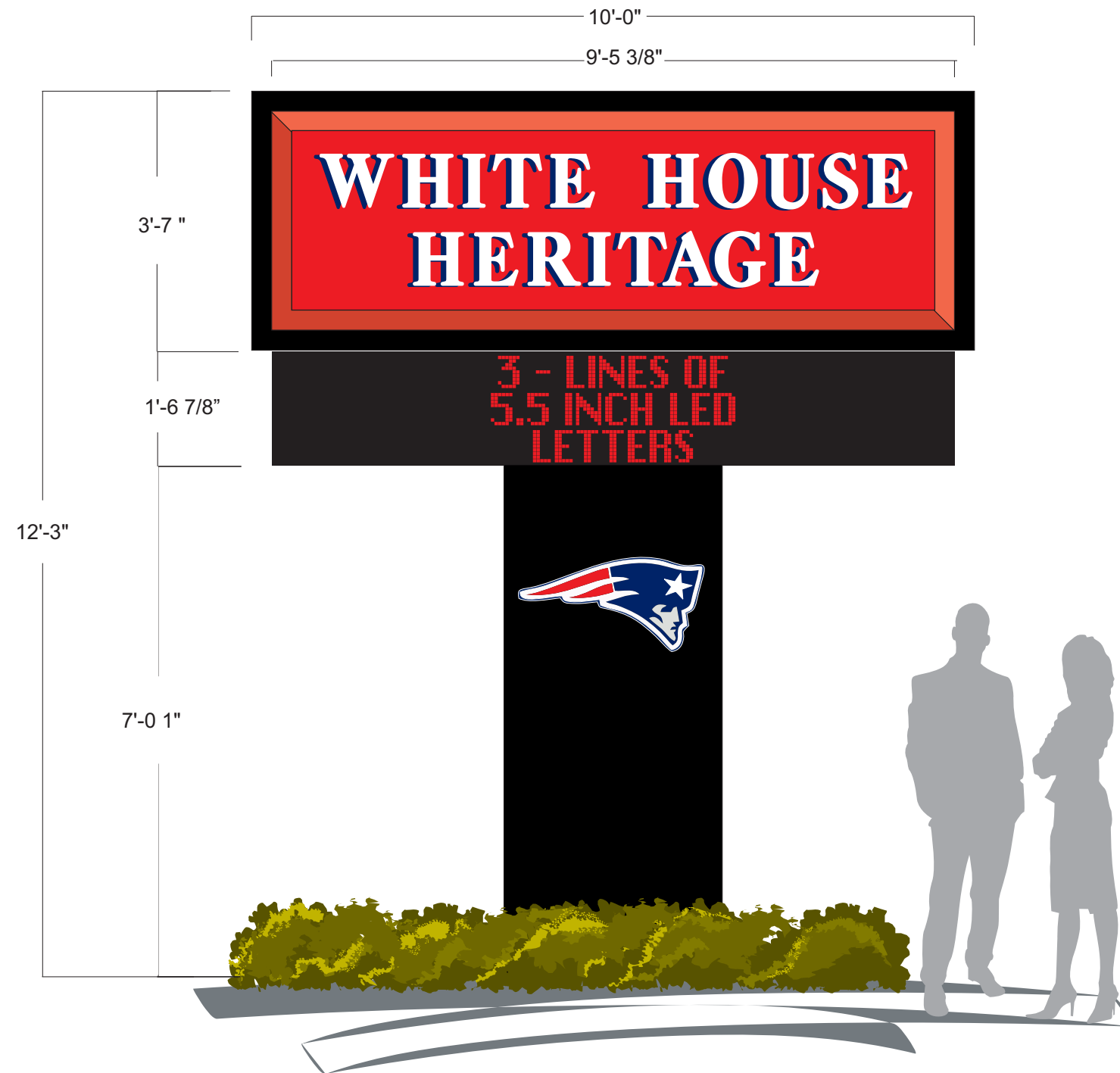
Printed Name: _____

Company Name _____

Mailing Address _____

Telephone No. _____ Fax No. _____

Contact preferred email address: _____



DOUBLE FACE ILLUMINATED PYLON SIGN (ELEVATION)