

Bedford County Department of Finance

**200 Dover Street, Suite 102
Shelbyville, TN 37160
(931) 685-2024 FAX (931) 680-1029**

Request for Proposal

**Exterior Lighting Project
Bedford County Courthouse and Courthouse Annex
Bid No. 24-32**

The Bedford County Department of Finance is requesting proposals on an Exterior Lighting Project. Sealed bids will be received until **2:00 p.m., Thursday, December 14, 2023**, in the office of the Bedford County Department of Finance and will be opened publicly at that time. The Department of Finance reserves the right to reject any and all bids and waive any irregularities for the purpose of ensuring the award given is in the best interest of Bedford County. Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.

GENERAL BID TERMS AND CONDITIONS

Proposals from all responsible bidders will be considered. To qualify as a responsible bidder, the proposal submitted must:

- 1. Meet or exceed the minimum requirements specified.**
- 2. Furnish all documents requested by the representative of the Bedford County Department of Finance prior to and following the bid opening.**
- 3. Submit their completed bid prior to the bid opening date and time.**
- 4. Have bid name and bid number placed on the outside lower left corner of the sealed envelope containing the bid form. (Facsimile bids will not be considered.)**

Award

A purchase order from the Bedford County Department of Finance will be issued to the successful bidder acknowledging the award. A copy of these terms and conditions, specifications and the vendors' proposal form will become a part of the purchase order.

Prospective bidders may contact Josh Carney, IT Director, at josh.carney@bedfordcountyttn.gov for any questions as to the specifications of the bid.

Lowest and/or best bid will be awarded.

Other Considerations

Bedford County Department of Finance reserves the right to purchase only those bid items and quantities that conform to overall budgetary, functional, and performance constraints.

The terms of this bid will be extended to other local government agencies, other municipalities, and Boards of Education. Bedford County is responsible only for purchases made and received by Bedford County.

Bedford County of Tennessee ensures compliance with Title VI of the Civil Rights Act of 1964; 49 CFR, part 26; related statutes and regulations to the end that no person shall be excluded from participation in or be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance from the U.S. Department of Transportation on the grounds of race, color, sex or national origin.

INSTRUCTION TO BIDDERS

All Proposals are to be made on the Proposal Form provided. **Bids must be delivered in hand or by a mail service in a sealed envelope marked on the outside lower left corner, Bid No. 24-32 Exterior Lighting Project.** Bids will be received and opened at **2:00 p.m., Thursday, December 14, 2023.** Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.

Proposals shall be made upon Proposal Forms prepared by the Department of Finance. All Proposals are to be made complete in every detail as required and called for by said Proposal Form. Proposals that are incomplete, conditional contain irregularities of any kind, or which are not in accord with the Instructions to Bidders and Proposal Form furnished by the Department of Finance may be rejected as informal.

The submission of a proposal will signify that the Bidder has thoroughly familiarized himself with all conditions and that he fully understands what will be expected of the successful bidder.

The Department of Finance reserves the right to accept or reject in whole or in part any or all proposals submitted, without liability whatsoever, and waive informalities therein, if deemed by the Department of Finance in their best interest to do so.

Exterior Lighting Specification & Scope of Work

I. Scope of Work

Install color changing lighting per the below. All fixtures shall be by the same lighting manufacturer for color consistency and by a U.S. based manufacturer with a minimum of 25-years in business.

Courthouse

20 LED color changing column up lights.

Minimum requirements:

- a. Die-cast aluminum fixture(s) to have a maximum diameter of 7" inclusive of trunnion mount and a maximum depth of 4.75".
- b. Quad color LED array for immediate color saturation on the columns.
- c. Fixture(s) will be provided with a 10-degree distribution with optional lenses to convert to 20 degrees or 10X60 degrees **in the field** as per owner's preferences.
- d. At full power, the fixture(s) will provide a minimum of 1,050 lumens and 11,450 peak candela at 10 degree distribution.
- e. A field installable visor will be provided and installed as per the owner's preferences.
- f. Fixture(s) to have 5-year warranty, operate between -40° C and 50° C, IP66, IK09, IP67 rated leader cables with white color, and integral power supply.
- g. Insight Lighting – PS6-H0-RGB40-Q-OK-TR-277-DMXFX-TW-VS-WC or equivalent.

4 LED color changing clock tower up lights.

Minimum requirements:

- a. Die-cast aluminum fixture(s) to have a maximum diameter of 18" inclusive of trunnion mount and a maximum depth of 6.75".
- b. Quad color LED array to match column up lights.
- c. Fixture(s) will be provided with a 10-degree distribution with optional lenses to convert to 40 degrees, 60 degrees or 10X60 degrees **in the field** as per owner's preferences.
- d. At full power, the fixture(s) will provide a minimum of 4,600 lumens and 4,500 peak candela at 60 degree distribution.
- e. A field installable visor will be provided and installed as per the owner's preferences.
- f. Fixture(s) to have 5-year warranty, operate between -40° C and 50° C, IP66, IK09, IP67 rated leader cables with white color, lens defroster and integral power supply.
- g. Insight Lighting – PS17-H0-RGB40-Q-OK-TR-277-DMXFX-TGR-VS-LD or equivalent.

Courthouse Annex

Column down lights.

Minimum requirements:

- a. 4 - Die-cast aluminum fixture(s) to have a maximum diameter of 7" inclusive of trunnion mount and a maximum depth of 4.75".
- b. Quad color LED array for immediate color saturation on the columns. Fixture(s) will be provided with a 10-degree distribution with optional lenses to convert to 20 degrees or 10X60 degrees **in the field** as per owner's preferences.
- c. At full power, the fixture(s) will provide a minimum of 1,050 lumens and 11,450 peak candela at 10 degree distribution.
- d. A field installable visor will be provided and installed as per the owner's preferences.
- e. Fixture(s) to have 5-year warranty, operate between -40° C and 50° C, IP66, IK09, IP67 rated leader cables with white color, and integral power supply.
- f. Custom mounting hardware.
- g. Insight Lighting – PS6-H0-RGB40-Q-OK-TR-277-DMXFX-TW-VS-WC or equivalent.

Linear lights.

Minimum requirements:

- a. 1 - 12' LED color changing lights to downlight the front façade.
- b. Minimum requirements: Extruded aluminum fixture(s) to have a maximum height of 2.6" and maximum depth of 2".
- c. Quad color LED array for immediate color saturation on the façade face.
- d. Fixture(s) will be provided with a 10X90 degree distribution.
- e. At full power, the fixture(s) will provide a minimum of 1,100 lumens per foot and 22,225 peak candela at 10 degree distribution.
- f. A field installable louvered visor will be provided and installed on site as per the owner's preferences.
- g. Fixture(s) to have 5-year warranty, operate between -40° C and 50° C, IP66, IK09, IP67 rated leader cables with white color, and integral power supply.
- h. Custom mounting hardware.
- i. Insight Lighting – ME-H0-RGB40-Q-D-1090-EA-X(MOD)-12'-277-DMXFT-TW-VS-WC or equivalent.

II. Lighting Controls

- a. A touch screen will be provided to control 512 channels, one universe and will interface with all fixtures and a remote app.
- b. Wireless DMX to be installed to allow the Courthouse and Annex to be controlled as per owner's requirements.

III. Electrical

- a. Power for all lights using existing circuits when possible, including drilling through brick/block as necessary.
- b. Power for the scene controller.
- c. Roof supports for Annex Building downlights.
- d. DMX cable and raceways.
- e. All materials, equipment, and labor to complete the lighting installation.

IV. Commissioning

- a. Programming of the system for white and/or color changing scenes.
- b. Training of designated county staff on the control of lighting system.
- c. Test each fixture and assign a DMX value with the location of each fixture(s).
- d. Integrate with the electrical contractor to ensure a complete working system.
- e. Test each fixture and assign a DMX value with the location of each fixture(s).
- f. Test each fixture and assign a DMX value with the location of each fixture(s).
- g. Provide on-site supervision of the installation of the control system and fixture(s).
- h. Provide programming of shows for holidays, events, and time functions of the system. An example is below:

President's Day: Red, white, and blue

Flag Day: Red, white, and blue

Valentine's Day: Red and Pink

St. Patrick's Day: Green

Earth Day: Green and Blue

Cinco de Mayo: Green, White, and Red

Memorial Day: Red, White, and Blue

4th of July: Red, White, and Blue

Veterans Day: Green

Breast Cancer Awareness: Pink

Colon Cancer Awareness: Blue

Autism Awareness: Blue, red, and green

Halloween: Orange

Thanksgiving: Orange

Christmas/holiday season: Red and Green

PROPOSAL FORM

**TO: Bedford County Department of Finance
200 Dover Street, Suite 102
Shelbyville, Tennessee 37160**

RE: Bid No. 24-32

Gentlemen:

Having examined the specifications for an **Exterior Lighting Project**, we (I) submit the following proposal:

Total Bid Price \$ _____

Company Name: _____

Mailing Address: _____

Signature and title of bidder: _____

Telephone Number: _____

Email: _____