

**Request for Bid #1664
(RFB)**



HIGH MAST LIGHTING PROJECT

**CLOSING LOCATION:
ATHENS MUNICIPAL BUILDING
ATTN: PURCHASING
815 North Jackson Street
Athens, TN 37303
(423) 744-2780**

ISSUED:

April 6th, 2018

DUE:

April 25th, 2018, 2 PM EST

NOTICE FOR REQUEST FOR BID
RFB #1664

Notice is hereby given that the City of Athens is receiving sealed bids for the **High Mast Lighting Project** located within the City of Athens as described by specifications included in this bid package.

Bids shall be identified on the exterior of the sealed envelope with all the information included in the attached Bid Return Address Sheet. Bids are to be addressed to the City of Athens and mailed or delivered to the following address:

City of Athens
Attn: Purchasing
815 North Jackson Street
Athens, TN 37303

Sealed bids will be **received until April 25, 2018 at 2:00 PM Eastern**. Late bids will not be considered under any circumstances. Bids will be accepted if the date/time stamped by the Purchasing Department is 2:00 PM; date/time stamps of 2:01 or later will be rejected.

During the evaluation process, the City of Athens reserves the right, where it may serve the City of Athens best interest, to request additional information or clarifications from vendors, or to allow corrections of errors or omissions. Questions and requests for clarification or additional information by electronic mail should be directed by telephone or e-mail to the following City contact:

James A. Gallup
Purchasing
423-744-2780
Purchasing@CityofAthensTN.com

HIGH MAST LIGHTING PROJECT SPECIFICATIONS

Instructions: The following specifications are minimum requirements that must be met or exceeded and shall be included as part of the base bid. On the following bid submittal form, you must also list the brand name and model number for each unit offered in the bid submission. If you are offering multiple units, make copies of these specifications to include with each unit offered. Include warranty information for parts for LED luminaries according to manufacturer specifications that you are offering in your bid submission. Lastly, please provide life expectancy per manufacturer specifications of the LED bulbs.

This project has sixty-four (64) luminaries at Exit 52 and fifty-two (52) luminaries at Exit 49. The scope of this project is to repair/replace fixture assemblies while reducing the total number of luminaries in high mast lighting at both Interstate Exits 49 and 52 in Athens, TN.

Labor:

Contractor shall provide all equipment, tools and lowering device power unit, material purchase, handling, storage of new equipment, and disposal of old equipment as required for project. Labor should include installation of new arm locations for reduction of luminaries.

Material:

Fixtures are to be PCB mounted LED technology comprised of multi-cluster LED's on single metal core board, 4000 K CCT +/-250K with CRI of 70 minimum, borosilicate prismatic glass optics to ensure longevity and minimize dirt depreciation while also reducing direct view LED source brightness, zero up-light optics reduce sky glow and meets Dark Sky requirements.

Auto-Sensing Voltage (347-480V), Low copper content cast aluminum 380 alloy, electrical and optical housing are to be Grey polyester powder coated with super durable paint for durability and corrosion resistance, salt fog test per ASTM B117.

Achieves a scribe creepage rating of eight (8) per D1654.D, Four bolt horizontal arm mount with +/-5 degrees vertical adjustment and provides 3G vibration rating per ANSI C136.

Luminaire shall be compatible with existing lowering device arms without any field adjustment or adaptors required IP 66 rated LED modules, IP 65 electrical assembly per IEC60068-2-3; two captive bolts disengage top electrical cover for easy access to LED drivers, surge protection and terminal block.

Luminaire electrical and optical shall ship in one carton, electrical quick disconnect connectors are to be supplied for ease of installation and maintenance, extreme surge protection meets 20KV/10KA per ANSI/IEEE C62.41, driver meets maximum total harmonic distortion (THD) of 20% and is ROHS compliant, a three stage terminal block is standard for ease of installation.

Minimum operating temperature is -40C, electronic driver has an expected life of 100,000 hours at 25C, Luminaire shall provide wide-angle type V distribution, 83,170 lumens 627 input watts, 1.33 input operating amps, 5 year limited warranty against manufacturer's defective material.

Luminaire shall conform to ANSI/IEEE C62.41:2002-Surge protection, ANSI C82.77:2002-Harmonic distortion, ANSIC136.31:2001-Luminaire vibration, ASTM B 117:2003-Saltspray test FCC title 47 CFR part 18-federal communications commission, IEC 60068-Environmental testing, IEC 60529:1999-Degrees of protection provided by enclosure (IP)IEC 61000-Electromagnetic compatibility testing (EMC), IEEE 519-Harmonic control in electrical power systems, UL 1598 listed, 40C wet location-safety listing, Standards.

Luminaires shall be # HMLED3 PK4 40K HVOLT G AWAO

BID SUBMITTAL FORM

RFB #1664

In accordance with the High Mast Lighting Project Specifications, the following bid amount is hereby submitted for this project:

HIGH MAST LIGHTING PROJECT:

1. LABOR & MATERIAL

Bid Amount:

\$ _____

Brand Name of Products:

Model:

ALL BIDS MUST BE SEALED, PROPERLY IDENTIFIED, AND RETURNED WITH THE "BID RETURN ADDRESS SHEET" (BID COMPLIANCE FORM INCLUDED IN THIS BID PACKAGE) TAPED TO THE OUTSIDE FRONT OF THE ENVELOPE/PACKAGE THAT YOU ARE SUBMITTING.

The City of Athens reserves the right to reject any or all bids or waive any informalities and to accept any proposal deemed to be in the best interest of the City.

COMPANY _____ DATE _____

BY _____
(Printed) (Signature)

PHONE _____ FAX _____ EMAIL _____

TERMS & CONDITIONS

1. **BID SUBMITTAL FORM:** Bids must be submitted on this form only and bear the handwritten signature of an authorized representative of the firm to be considered valid. Unless otherwise stated by the City, no bidder may withdraw their bid within a period of thirty (30) days after the date set for the opening of bids.
2. **SEALED BIDS:** ALL bids must be SEALED and properly identified with the name and address of bidder; the date, time, bid number and project title on the OUTSIDE of the bid return envelope.
3. **INSURANCE:** A sheet of minimum "INSURANCE REQUIREMENTS" shall be attached to these terms and conditions when applicable. This sheet is provided for you and your insurance company.
4. Prices shall be quoted FOB Athens, TN. Delivery to City of Athens locations shall be without additional charge unless otherwise requested by the City of Athens.
5. Failure to examine any drawings, specifications, and instructions will be at bidder's risk. If bidder is in doubt as to the true meaning of any part of the drawings, specifications, and instructions or other documents, he should submit a written request for an interpretation to the Purchasing Department. An interpretation of the document will be made only by addendum issued by the Purchasing Department to each firm to whom an invitation was forwarded. The City will not be responsible for explanations or interpretations of bid documents except as issued in accordance herewith.
6. Where a brand or trade name appears in the specifications, it is understood that the brand or trade name referred to, or its approved equivalent, shall be furnished. If no mention is made of any exceptions, it is assumed that he is bidding on the article mentioned and not an approved equivalent. If a brand name is listed in the bid package and a vendor intends to bid another name it is the responsibility of the bidder to notify the Purchasing Department of his intent to do so by seven (7) days prior to bid opening. This is to allow time to evaluate equipment or product. Failure to do so disqualifies you as a bidder. An approved equivalent is defined as a bid item that meets or exceeds every specification provided in the bid specifications and is approved by the City of Athens. However, the City of Athens reserves the right to choose a specific name brand if standardizing to accommodate parts supply, knowledge of maintenance, and to prevent the purchase of specialty tools.
7. The bidder is requested to attach brochure-type information and written specifications on the supplies furnished. All guarantees and warranties should be clearly stated.
8. Prices quoted for all machinery, equipment, and vehicles shall include complete parts manual(s), maintenance manual(s), service manual(s), and operator's manual(s) without additional charge and are to be delivered with the unit.
9. Bids and modifications or corrections thereof received after bid closing will not be considered. The City is not responsible for delays in delivery by mail, courier, etc.
10. Any exceptions to these terms or conditions or deviations from written specifications will be shown in writing and attached to the bid form.
11. Any alteration, erasure, additions to or omission of requested information, change of the specifications or bidding schedule, is made at the risk of the bidder and shall result in the rejection of the bid unless such changes are authorized by the specifications.

12. In the event cash discounts are offered by the bidder, the discount date shall begin with the date of the invoice or the date of receipt of all material covered by the order/contract, whichever is the later date.
13. Charges for boxing or cartage will not be allowed unless previously agreed upon.
14. Default in promised delivery and failure to comply with specifications authorizes the City to purchase supplies elsewhere and charge the difference to defaulting Vendor.
15. Bidder agrees to defend and save the City of Athens from and against all demands, claims, suits, costs, expenses, damages, and judgments based upon infringement of any patents relating to goods specified in this order or the ordinary use or operation of such goods by the City or use or operation of such goods in accordance with bidder's direction.
16. In case of error or discrepancy in the mathematics of the bid price, unit prices prevail.
17. By submission of a signed bid, the bidder certifies total compliance with Title VI and Title VII of the Civil Rights Act of 1964, as amended and all regulations promulgated thereunder, as the City of Athens does not discriminate based on race, color, or national origin in federal or state sponsored programs, pursuant to Title VI of the Civil Rights Act of 1964 (42 USC 2000d).
18. Contracts and purchases will be made or entered into with the lowest, responsible, compliant bidder meeting specifications for the particular grade or class of material, work or service desired in the best interest and advantage to the City of Athens. Responsible bidder is defined as a bidder whose reputation, past performance, and business and financial capabilities are such that he would be judged by the appropriate City authority to be capable of satisfying the City's needs for a specific contract or purchase order.
19. The City reserves the right to determine the low bidder either based on the individual items or based on all items included in its Request for Bids, unless otherwise expressly provided in the Request for Bids. The City reserves the right to accept any item or group of items of any kind and to modify or cancel in whole or in part, its Request for Bids.
20. The City reserves the right to determine the low bidder by durability and maintenance cost over the life of the vehicle or equipment. This may be done by means of past experience or research. Initial cost may not determine low bid.
21. All contracts or purchase orders issued for this award will be governed by the laws of the State of Tennessee.

By signing below, I hereby acknowledge that I have read, understood, and accepted the above Terms & Conditions:

 BIDDER'S COMPANY NAME

 COMPANY REPRESENTATIVE PRINTED NAME

 SIGNATURE

TELEPHONE _____ FAX _____ EMAIL _____

THIS FORM MUST BE SIGNED AND SUBMITTED WITH BID

CITY OF ATHENS

STANDARD INSURANCE REQUIREMENTS

1. Statutory Worker's Compensation Insurance
 - a. Employer's Liability:
 - Bodily Injury by Accident - \$100,000 each accident
 - Bodily Injury by Disease - \$500,000 policy limit
 - Bodily Injury by Disease - \$100,000 each employee

NOTE: WC coverage may be waived if the contractor is the sole proprietor only, with no employees, and can provide the City of Athens with an APPROVED I-5 form from the Department of Labor

2. Comprehensive General Liability Insurance
 - a. \$700,000 limit of liability per occurrence for bodily injury and property damage
 - b. Comprehensive form covering all owned, non-owned, and hired vehicles
3. Auto Liability Insurance
 - a. \$1,000,000 limit of liability per occurrence for bodily injury and property damage
 - b. Comprehensive form covering all owned, non-owned, and hired vehicles
4. City of Athens (and any applicable Authority) should be shown as an additional insured on General Liability, Auto Liability, and Umbrella Liability policies
5. The Cancellation provision should provide 30-day notice of cancellation
6. Certificate holder should read:

City of Athens
815 N. Jackson Street
Athens, TN 37303

7. Insurance company must have an A.M. Best Rating of A-6 or higher
8. Insurance company must be licensed to do business by the Tennessee Secretary of State
9. Insurance company must be authorized to do business in Tennessee by the Tennessee Insurance Department

REVISED 01/28/09

FROM:

NOTE: This form **MUST** be attached to the sealed envelope containing the bid.
Failure to provide all of this information on the sealed envelope shall void such bid.

PRIME CONTRACTOR'S IDENTIFICATION

Name _____

Address _____

TN License Number _____ Date _____

Expiration Date _____ Monetary Limit \$ _____

Classification _____

BID NAME _____ Bid No. _____

DATE OF BID OPENING _____ TIME _____

IS ENCLOSED BID LESS THAN \$25,000? Yes _____ No _____

ITEM I OR II MUST BE COMPLETED IF THE BID EXCEEDS \$25,000

I. CONTRACTOR DOES NOT PLAN TO USE SUBCONTRACTORS FOR ANY PART OF THIS PROJECT.

Signature – Contractor's Representative _____

II. REQUIRED SUBCONTRACTOR'S IDENTIFICATION

ELECTRICAL SUB-CONTRACTOR

Name _____

Address _____

TN License Number _____ Date _____

Expiration Date _____ Monetary Limit \$ _____

Classification _____

II. Subcontractor's Identification, continued

OTHER SUB-CONTRACTOR

Name _____

Address _____

TN License Number _____ Date _____

Expiration Date _____ Monetary Limit \$ _____

Classification _____

OTHER SUB-CONTRACTOR

Name _____

Address _____

TN License Number _____ Date _____

Expiration Date _____ Monetary Limit \$ _____

Classification _____

TO:

**PURCHASING DIVISION
CITY OF ATHENS
815 N. Jackson Street
Athens, TN 37303**