

**TOWN OF MANSFIELD**  
OFFICE OF THE PUBLIC WORKS DIRECTOR



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**INVITATION TO BID**

Bid No. 2013-1006

Date: October 10, 2013

Title: LED Streetlights, Storrs Center

Sealed bids will be received at the Finance Department, Town of Mansfield, Audrey P. Beck Building, 4 South Eagleville Road, Storrs Mansfield, Connecticut, 06268 until 2:00pm on *October 28, 2013* and will be publicly opened and read.

**Copies of the specifications may be obtained at the Public Works Department at 4 South Eagleville Road, Mansfield, CT 06268 or online at [www.mansfieldct.gov](http://www.mansfieldct.gov) ...Legal Notices & Hearings ... Bid Notices.**

*Bidder is to submit a proposal on the attached form and in the manner requested. Bids must be delivered to the Finance Department before the time specified. Bids transmitted by facsimile or other telegraphic means will not be accepted.*

The Town reserves the right to reject any or all proposals, or any part of any or all proposals (unless specified by the bidder) or to accept any proposal or to waive any defects and informalities in the proposals when such action is deemed in the best interest of the Town. Any unauthorized condition, limitation or proviso attached to a proposal may render it informal and may cause its rejection. Alteration of the bid unit prices or amounts by erasure or interlineations must be explained or noted in the proposal over the signature of the bidder. Proposals should be on requested items only. If for any reason a bidder substitutes one item for another, they must so indicate in the proposal. If the proposal is made by an individual, it must be signed by the full name of the proposer whose address must be given; if it is made by a firm, it must be signed with the co-partnership name by a member of the firm, and the name and full address of each member must be given; and if it is made by a corporation, it must be signed by an officer in the corporate name and the corporate seal must be attached to such signature. Each bid must also include a signed nondiscrimination certificate of the appropriate variety. Purchases made by the Town are exempt from the payment of Federal Excise and Connecticut Sales Taxes, and such taxes must not be included in bid prices.

The bid will be awarded to the responsible, duly qualified proposer submitting the lowest proposal complying with the specifications. At the time of the opening of bids, each bidder will be presumed to have read and to be thoroughly familiar with the specifications. The failure or omission of any bidder to examine any of the specifications shall in no way relieve him/her from any obligation in respect to his/her bid.

All bids received must be in a sealed envelope. Each envelope is to be marked on the front with the bid number, title and the bidder's name and delivered to the Town of Mansfield Finance Department, 4 South Eagleville Road, Storrs Mansfield, CT 06268.. All final awards of bids are subject to comply with the Ordinance for Obtaining Goods and Services, adopted 06/22/2009.

Lon Hultgren  
Director of Public Works



SPECIFICATIONS & INVITATION TO BID FOR THE FOLLOWING:  
LED Streetlights, Storrs Center

INTRODUCTION:

The bid award will be made on the basis of price, delivery time and suitability, in the opinion of the Purchaser (Town of Mansfield).

Street lights are for installation along the new roads in Storrs Center (Royce Circle, Wilbur Cross Way and Bolton Road Extension. The light bases are in place and the lights will be installed by others. This bid is for furnishing the lights and poles only.

SPECIFICATIONS:

1. Light poles and LED Street Lights

**Item #1: Black, aluminum light poles:**

Poles shall be 12 foot Architectural Area Lighting DB12-4R-12-226, to match the poles now installed in the Storrs Center Development. Color shall be Federal Standard 595 Color #27038 (Black)

**Item #2: Black, aluminum light poles with 110V receptacles:**

In addition to the 12 foot AAL DB-12 pole specified above, this pole shall include an integral GFCI Duplex Receptacle with in-use weatherproof cover at a mounting height to be approved by the Town.

**Item #3: 60 Watt Luminaires:**

Luminaires shall be Architectural Area Lighting Providence Series PROV-T3-60LED-BW-MTB to match the lights now installed in the Storrs Center Development. Color shall be Federal Standard 595 Color #27038 (Black).

*Housing:* The upper lamp housing shall be die-cast aluminum. The internal reflector module shall be sealed from the outer housing with a one-piece, memory retentive, molded silicone gasket. The tempered glass lens shall be sealed to the housing with a silicone gasket. One stainless steel latch shall release the door.

*Electrical:* 240 volt. All electrical components shall be mounted directly to the driver tray for maximum heat dissipation. Class 1 electrical classification. 0-10v dimming capabilities. LifeShield Protection System included for extreme temperature locations (-30degC to 60degC). 240 volt Universal driver with 9 mA maximum input current and 1mA maximum drive current. Input power 0.3 amps for 240 volts. The onboard surge protector shall be U.L. recognized and have a surge current rating of 10,000 amps using the industry standard 8/20uSec wave. The surge protector shall have a clamping voltage of 320V and surge rating of 372J. The case shall be a high-temperature, flame resistant plastic enclosure. LED constant current driver shall operate at 350mA.

*Reflector:* Precision injection molded, high specular reflectors shall be positioned to achieve directional control toward desired task. Secondary reflectors with a concave, specular medium hammertone finish shall be used to redirect light downward. No fasteners shall be placed on the reflective surface. The entire assembly shall fasten to the housing as a one-piece module and feature wiring quick-connects for easy installation. Color temperatures for Nichia LEDs, NS6L183, shall be 5100K. Rated luminous efficacy shall be >40lm/W, with rated light output of >2864 for 5100K LED, standard mount. Micro Emitters shall be field replaceable.

*Mounting:* Luminaire shall be factory supplied as a complete, pre-wired assembly. The fitter shall slip over a 4" open top pole and be secured and leveled with 3 stainless steel set screws.

*Finish:* The finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

*Certification:* LED luminaire shall be listed with ETL for outdoor, wet location use and shall conform to UL1598 and Canadian CSA Std. C22.2 no. 250 standard. IP55.

*Warranty:* Providence LED, including housing, LEDs and electrical components shall be warranted for 5 years.

70 lights and poles total.

2. Condition:

All lights and poles furnished shall be new and as specified above. Installation will be by others.

3. Availability and Delivery

Prices quoted shall include the manufacture and delivery of both lights and poles to Storrs Center in Mansfield, CT.

Light delivery shall be coordinated with and at the convenience of the Mansfield Director of Public Works.

4. Warranty and Replacement

Bidder warrants that the lights carry the manufacturer's warranty and will be repaired or replaced at no cost to the Town for a minimum of 60 months from their date of installation.

5. Bid Form/Proposal

Proposal of \_\_\_\_\_, hereinafter called "Bidder", organized and existing under the laws of the State of \_\_\_\_\_, doing business as \_\_\_\_\_ (insert "a corporation" or "a partnership" or "an individual" as applicable).

To the Town of Mansfield, Director of Finance, hereinafter referred to as "Town".

Gentlemen/ladies:

The bidder in compliance with your request for bids for LED Street Lights, Storrs Center in the Town of Mansfield, having examined the specifications with related documents, and being familiar with all the conditions surrounding the furnishing of the proposed items, hereby proposes to furnish the items so specified as specified within the time set forth herein, and at the prices stated below. These prices are to cover all expenses incurred in furnishing these items as required in the specifications.

The prices below shall include all materials, equipment and labor, all transportation costs, overhead, profit, insurance, etc. to furnish the items of the kind called for.

<u>Item #</u>	<u>Qty</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
1	42	EA	Black aluminum Light Poles, as specified	_____	_____
2	28	EA	Black Al Light Poles with 110V receptacles, as specified	_____	_____

3      70      EA      LED Lights, as specified

\_\_\_\_\_

Total Price: \_\_\_\_\_

Bidder understands that the Town reserves the right to reject any or all bids. The Bidder agrees that this bid shall be good and may not be withdrawn for a period of 60 calendar days after the scheduled closing time for receiving proposals. Each bid must also include a signed nondiscrimination certificate of the appropriate variety

Upon receipt of written notice/purchase order accepting this proposal, Bidder will supply the items in a timely manner in accordance with the Town's schedule for installation, but in no case later than 60 days from receipt of the order unless specifically requested by the Town.

The undersigned understands and acknowledges that the failure to comply with the requirements of these specifications constitutes a non-responsive bid and thereby invalidates the bid proposal.

Respectfully submitted:

By \_\_\_\_\_  
Name  
\_\_\_\_\_  
Title  
Seal  
(if corporation)

Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_





**TOWN OF MANSFIELD**  
**NONDISCRIMINATION CERTIFICATION – Affidavit by Entity**  
**For All Bids and Services Valued at \$50,000 or More**

*Documentation in the form of an affidavit signed under penalty of false statement by a chief executive officer, president, chairperson, member, or other corporate officer duly authorized to adopt corporate, company, or partnership policy that certifies the contractor complies with nondiscrimination agreements and warranties under Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended*

**INSTRUCTIONS:**

For use by an entity (corporation, limited liability company, or partnership) when entering into any contract type (including services and purchase orders) with the Town of Mansfield valued at \$50,000 or more. Complete all sections of the form. Sign form in the presence of a Commissioner of Superior Court or Notary Public. Submit to the awarding Town agency prior to contract execution.

**REPRESENTATION OF AN ENTITY:**

I, the undersigned, am over the age of eighteen (18) and understand and appreciate the obligations of an oath. I am \_\_\_\_\_, of \_\_\_\_\_, an entity  
Signatory's Title Name of Entity

duly formed and existing under the laws of \_\_\_\_\_.  
Name of State or Commonwealth

I certify that I am authorized to execute and deliver this affidavit on behalf of

\_\_\_\_\_ and that \_\_\_\_\_  
Name of Entity Name of Entity

has a policy in place that complies with the nondiscrimination agreements and warranties of Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended.

\_\_\_\_\_  
 Authorized Signatory

\_\_\_\_\_  
 Printed Name

Sworn and subscribed to before me on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
 Commissioner of the Superior Court/Notary Public

\_\_\_\_\_  
 Commission Expiration Date



**TOWN OF MANSFIELD**  
**NONDISCRIMINATION CERTIFICATION – New Resolution by**  
**Entity**  
**For All Bids and Services Valued at \$50,000 or More**

*Documentation in the form of a corporate, company, or partnership policy adopted by resolution of the board of directors, shareholders, managers, members or other governing body of a contractor that certifies the contractor complies with the nondiscrimination agreements and warranties under Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended*

**INSTRUCTIONS:**

For use by an entity (corporation, limited liability company, or partnership) when entering into any contract type (including services and purchase orders) with the Town of Mansfield valued at \$50,000 or more. Complete all sections of the form. Submit to the awarding Town agency prior to contract execution.

**CERTIFICATE OF RESOLUTION:**

I, \_\_\_\_\_, \_\_\_\_\_ of \_\_\_\_\_,  
 Authorized Signatory Title Name of Entity

an entity duly formed and existing under the laws of \_\_\_\_\_,  
 Name of State or Commonwealth

certify that the following is a true and correct copy of a resolution adopted on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ by the governing body of \_\_\_\_\_,  
 Name of Entity

in accordance with all of its documents of governance and management and the laws of \_\_\_\_\_, and further certify that such resolution has not been  
 Name of State or Commonwealth

modified or revoked, and is in full force and effect.

RESOLVED: That the policies of \_\_\_\_\_ comply with the  
 Name of Entity  
 nondiscrimination agreements and warranties of Connecticut General Statutes  
 §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended

The undersigned has executed this certificate this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
 Authorized Signatory

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Printed Name



**TOWN OF MANSFIELD  
 NONDISCRIMINATION CERTIFICATION – Prior Resolution by  
 Entity  
 For All Bids and Services Valued at \$50,000 or More**

*Documentation in the form of a corporate, company, or partnership policy adopted by a prior resolution of the board of directors, shareholders, managers, members or other governing body of a contractor that certifies the contractor complies with the nondiscrimination agreements and warranties under Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended*

**INSTRUCTIONS:**

For use by an entity (corporation, limited liability company, or partnership) when entering into any contract type (including services and purchase orders) with the Town of Mansfield valued at \$50,000 or more. Complete all sections of the form. Attach copy of previously adopted resolution (*State of CT, Nondiscrimination Certification, Form D: New Resolution*). Submit to the awarding Town agency prior to contract execution.

**CERTIFICATE OF PRIOR RESOLUTION:**

I, the undersigned, am a duly authorized corporate officer or member of \_\_\_\_\_  
 Name of Entity

I have reviewed the attached prior resolution. I certify that:

1. the attached prior resolution complies with the nondiscrimination agreements and warranties of Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended; and
2. the prior resolution remains in full force and effect on the date this documentation is submitted to the awarding Town agency.

\_\_\_\_\_  
 Authorized Signatory

\_\_\_\_\_  
 Title

\_\_\_\_\_  
 Printed Name

\_\_\_\_\_  
 Date

RESERVED FOR TOWN USE

I, the undersigned head of the awarding Town agency, or designee, certify that the attached prior resolution complies with the nondiscrimination agreements and warranties of Connecticut General Statutes §§ 4a-60(a)(1) and 4a-60a(a)(1), as amended.

\_\_\_\_\_  
 Signature of Agency Head (or designee)

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Awarding Town Agency