



CITY OF GLENDALE

MATERIALS MANAGEMENT INVITATION FOR BID

SOLICITATION NUMBER: 10-35

DESCRIPTION: LED TRAFFIC SIGNAL LAMPS
– ARRA FUNDED –

BID DUE DATE AND TIME: MARCH 25, 2010 AT 2:00 P.M. LOCAL TIME

Offers for the materials or services specified will be received by the City of Glendale, Materials Management at the below specified location until the time and date cited. Offers received by the correct time and date will be opened and the name of each bidder and the amount of the bid will be publicly read.

Bid Opening and Submittal Location: City of Glendale
Attn: Materials Management
6829 North 58th Drive, Suite 202
Glendale, Arizona 85301-2599

Offers must be in the actual possession of Materials Management on or prior to the time and date, and at the location indicated above. Late offers will not be considered. Offers must be submitted in a sealed envelope with the Solicitation Number and the bidder's name and address clearly indicated on the envelope. **See Paragraph 2.2 for additional instructions for preparing an offer.**

OFFERORS ARE STRONGLY ENCOURAGED TO READ CAREFULLY THE ENTIRE SOLICITATION.

For questions regarding
General Terms and Conditions contact:
Ray Nader, CPPB
Contract Analyst
(623) 930-2866
rnader@glendaleaz.com

For questions regarding
Scope or Specifications contact:
Trevor Ebersole
Traffic Signals Supervisor
(623) 930-2762

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Materials Management
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LED TRAFFIC SIGNAL LAMPS
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SECTION ONE
SPECIFICATIONS

CITY OF GLENDALE
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1.1 INTRODUCTION

- 1.1.1 It is the intent of the City of Glendale to purchase LED traffic signal modules.
- 1.1.2 The resulting agreement shall provide for all materials in this solicitation. Unit pricing shall include the cost of freight and any other direct or indirect costs associated.
- 1.1.3 Award of this contract is funded with federal stimulus funds under the American Recovery and Reinvestment Act.

1.2 GENERAL SPECIFICATIONS

- 1.2.1 The purpose of this solicitation is to provide the minimum performance requirements for 300 mm (12 inch) LED traffic signal modules. This specification refers to definitions and practices described in “*Vehicle Traffic Control Signal Heads: Light Emitting Diode Vehicle Arrow Traffic Signal Supplement*” and “*Vehicle Traffic Control Signal Heads: Light Emitting Diode Vehicle Circular Traffic Signal Supplement*” (VTCSH) as published by *The Institute of Transportation Engineers (ITE)*.
- 1.2.2 The quantities referenced in this solicitation are an estimate ONLY and are to be used for information purposes only. Bidders are requested to bid in a quantity of one (1) or more unless otherwise indicated.
- 1.2.3 Contractor shall deliver all items to the City of Glendale Warehouse located at 6210 W. Myrtle, Bldg N., Glendale, AZ 85301.

1.3 TECHNICAL SPECIFICATIONS

- 1.3.1 Referenced vehicle type LED retrofit modules shall fit in all standard, incandescent vehicle traffic signal housings. These modules are to be used for the replacement of the reflector, socket, gasket, and lens assembly of an incandescent vehicle signal indication.

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- 1.3.2 Each retrofit module shall be complete, consisting of:
- 1.3.2.1 A smooth lens with the same color as incandescent lenses
 - 1.3.2.2 LED circuit board inclusive of all of the LEDs and required circuit components
 - 1.3.2.3 The power supply shall be integral to the LED module and shall be one piece
 - 1.3.2.4 36 inch, 16–18 gauge AWG wire leads with quick connect terminals, and also provided with quick connect to fork terminal adapters
 - 1.3.2.5 A rigid housing for protection in shipping, handling and installation
 - 1.3.2.6 A one-piece neoprene gasket
- 1.3.3 Vehicle-type LED retrofit modules covered by this specification shall include the following types:
- 300 mm (12 inch) Circular Red
 - 300 mm (12 inch) Circular Yellow
 - 300 mm (12 inch) Circular Green
 - 300 mm (12 inch) Yellow Arrow
 - 300 mm (12 inch) Green Arrow
- 1.3.4 Offeror shall provide exact catalog number for each module bid.
- 1.3.5 Offeror shall provide manufacturer’s specifications for each module bid.

1.4 IDENTIFICATION AND LABELING

- 1.4.1 Each individual LED signal module shall be identified for warranty purposes and clearly marked with the following information:
- Manufacturer’s name
 - Date of manufacture (if the date is not in a standard format, provide details of how to decode the manufacture date)
 - Unit serial number
 - Nominal operating voltage
 - Manufactured in conformance with the ITE LED Circular Signal Supplement—June 27, 2005 or latest edition
 - Manufactured in conformance with the ITE LED Arrow Signal Supplement—July 1, 2007 or latest edition

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1.5 CERTIFICATION AND TESTING STANDARDS

- 1.5.1 All 12 inch circular LED signal indicators shall fully and completely comply with all sections of ITE VTCSH LED Circular Supplement specifications dated June 27th, 2005 or latest version.
- 1.5.2 All 12” Arrow LED signal indicators shall fully and complete comply with all sections of ITE VTCSH LED Vehicle Arrow Traffic Signal Supplement dated July 1, 2007 or latest version.
- 1.5.3 All indications shall be tested to be in full compliance to all sections of the ITE VTCSH & PTSCI standards without exception, and reports for each module provided by third party tester ETL/Intertek. Test reports must list the LED manufacturer’s model number and the model number must match the bid model number.
- 1.5.4 In addition to design verification tests for initial production units, the manufacturer must participate in routine random sample production tests performed in the ETL/Intertek Traffic Signal Module Certification Program. Proof of certification must be submitted with the bid.

1.6 OPTICAL VISIBILITY

- 1.6.1 All LED arrow indicators shall be OMNI-DIRECTIONAL. That is, an LED traffic signal module that provides the same luminous intensity signal to the driver regardless of the orientation of the arrow icon or placement of the circular indication.

1.7 WARRANTY

- 1.7.1 All LED traffic signal modules supplied shall carry a warranty for five years against manufacturing defects. Failures due to acts of God, abuse, and accidents are excluded from warranty coverage.

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- 1.7.2 Contractor expressly warrants that all goods furnished shall conform to all specifications and appropriate standards, will be new, and will be free from defects in material or workmanship. Contractor warrants that all such goods will conform to any statements made on the containers or labels or advertisements for such goods and that any goods will be adequately contained, packaged, marked and labeled. Contractor warrants that all goods furnished will be merchantable, and will be safe and appropriate for the purpose for which goods of that kind are normally used. If Contractor knows or has reason to know the particular purpose for which City intends to use the goods, Contractor warrants that such goods will be fit for such particular purpose. Contractor's warranty shall run to City, its successors, and assigns. Contractor agrees to replace or correct defects of any goods not conforming to the foregoing warranty promptly, without expense to the City, when notified of such nonconformity by City, provided City elects to provide Contractor with the opportunity to do so. In the event of failure of Contractor to correct defects in or replace nonconforming goods promptly, City, after reasonable notice to Contractor, may make such corrections or replace such goods and charge Contractor for the cost incurred in doing so.
- 1.7.3 For each defective unit returned, one new unit meeting the most current City specification shall be returned to the City.
- 1.7.4 Contractor shall pay shipping both ways for modules found to be defective and under warranty. A Shipper Call Tag shall be issued for pickups.
- 1.7.5 Warranty shall commence from date of receipt by the City. Product shipped shall be "fresh stock" and shall not deviate more than 45 days between the manufacture date and the date it was received by the City.

SECTION TWO
SPECIAL TERMS AND CONDITIONS

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2.1 INCORPORATION BY REFERENCE All responses shall incorporate by reference the Scope/Specifications, Standard Terms and Conditions, Special Terms and Conditions, and any attachments. The "Standard Terms and Conditions" applicable to this solicitation are posted on the Internet. They are available for review and download at the City of Glendale's, Materials Management Internet home page, www.glendaleaz.com/purchasing. Offerors are advised to review all provisions of the Standard Terms and Conditions for this solicitation.

2.2 RETURN OF OFFER One originally signed "Offer Sheet" (Section 3.1) and one copy of the Price Sheet (Section 4.1).

The offeror shall complete all sections of the solicitation in the format given (ie Offer Sheet, Price Sheet, and Questionnaires) in the space provided. If additional space is needed than what is given, enter "See Attachment A for detail".

2.3 PREPARATION OF BID PACKAGE Only the following items shall be completed and returned. Failure to include all the items may result in a bid being rejected. Bid packages shall be submitted in the following order:

2.3.1 OFFER SHEET, Section Three

2.3.2 PRICE SHEET, Section Four

2.3.3 ADDENDUM, Return all addenda

2.4 ALTERNATE OFFERS/EXCEPTIONS Offers submitted as alternates, or on the basis of exceptions to specific conditions of purchase and/or required specifications, must be submitted as an attachment referencing the specific paragraph number(s) and adequately defining the alternate or exception submitted. Detailed product brochures and/or technical literature, suitable for evaluation, must be submitted with the bid. If no exceptions are taken, City will expect and require complete compliance with the specifications and all Conditions of Purchase.

2.5 PRICE All prices quoted shall be firm and fixed for the specified contract period.

2.6 FOB POINT Prices quoted shall be FOB destination to: CITY OF GLENDALE, ARIZONA.

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2.7 NOTICE OF INTENT TO AWARD Information about the recommended award for this solicitation will be posted on the Internet. The information will be available for review on the City of Glendale's, Materials Management Internet home page www.glendaleaz.com/purchasing immediately after the City has completed its evaluation process of the offers received. If you have any questions, or would like further information about an intended award, contact the buyer immediately. Any protest must be submitted to the Materials Manager no later than seven (7) calendar days from the date of posting on the Internet.

2.8 COOPERATIVE USE OF CONTRACT This agreement may be extended for use by other governmental agencies and political subdivisions of the State including all members of SAVE (Strategic Alliance for Volume Expenditures). Any such usage by other entities must be in accord with the ordinances, charter, rules and regulations of the respective entity and the approval of the Contractor and City. For a list of SAVE members click on the following link: <http://www.maricopa.gov/materials/SAVE/SAVE-members.PDF>

**SECTION THREE
OFFER SHEET**

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3.1 OFFER Bidder certifies that they have read, understand, and will fully and faithfully comply with this solicitation, its attachments and any referenced documents. Bidder also certifies that the prices offered were independently developed without consultation with any of the other bidders or potential bidders.

Authorized Signature

Company's Legal Name

Printed Name

Address

Title

City, State & Zip Code

Telephone Number

FAX Number

Authorized Signature E-mail Address

Company E-mail Address

For questions regarding this offer: (If different from above)

Contact Name

Phone Number

Fax Number

Contact Email Address

FEDERAL TAXPAYER ID NUMBER: _____

DUNS NUMBER: _____

Arizona Sales Tax No. _____

Tax Rate _____

Bidder certifies it is a: Proprietorship ____ Partnership ____ Corporation ____.

Minority or woman owned business: Yes ____ No ____

**SECTION FOUR
PRICE SHEET**

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Company Name: _____

4.1 PRICE

EST QTY	DESCRIPTION	UNIT COST	EXT PRICE
373 (or more)	Circular Red Manuf. _____ Part # _____	\$	\$
373 (or more)	Circular Yellow Manuf. _____ Part # _____	\$	\$
373 (or more)	Circular Green Manuf. _____ Part # _____	\$	\$
32 (or more)	Yellow Arrow Manuf. _____ Part # _____	\$	\$
32 (or more)	Green Arrow Manuf. _____ Part # _____	\$	\$
SUBTOTAL			\$

**SECTION FOUR
PRICE SHEET**

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4.2 TAX AMOUNT Do not include any use tax or federal tax in your bid. The City is exempt from the payment of federal excise tax and will add use tax as applicable.

Tax % _____

4.3 DELIVERY Bidder states that all items will be delivered _____ calendar days after receipt of order.

4.4 PACKAGING Indicate how many modules per carton. _____

4.5 DISCOUNT/PAYMENT TERMS: The City standard is 2% 20 days.

Comply: YES NO

If your answer is NO, please state terms offered: _____