

PROCUREMENT DEPARTMENT
Rm 120 Municipal Services Building
Philadelphia, PA 19102-1685
FAX: (215) 686-4716

CITY OF PHILADELPHIA

Hugh Ortman
Procurement Commissioner

September 23, 2010

BID NUMBER: S1Z56970
TITLE: Recycling of Lamps and Fluorescent Lamp Ballasts Sch 70-01
DEPARTMENT: Various
DATE TO OPEN: October 06, 2010 at 10:30 AM

ADDENDUM # 1

TO ALL BIDDERS:

You are hereby notified of the following changes to the above mentioned bid:

The following changes are applied to the above referenced bid:

Revise Numbering for Paragraph 2.3, RECYCLING OF LAMPS, attached.

ADD Paragraph 4.2.11- Certificate of Recycling (CR) and Bill of Lading shall be attached and submitted with proper invoice for each location.

Change Paragraph 2.3.10 to read: (4.2.11).

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.

Buyer, J. Manton

AUTHORIZED SIGNATURE

FIRM NAME (PRINT)

DATE

JM/cs

Attachments

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S1Z56970	PAGE OF 21 37
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2.2.15.3 Certificates of Destruction for PCB liquids, solids and ballast carcasses.

2.3 **RECYCLING OF LAMPS**

Successful bidder shall be responsible for the removal, transportation, and recycling of spent lamps, which shall be conducted in a manner which is in accordance with all applicable Federal, State, County, Local or other requirements, rules and regulations.

2.3.1 **LAMP PACKAGING**

- 2.3.1.1 Wherever possible, City will use boxes provided with the original lamps for packaging.
- 2.3.1.2 Successful bidder will provide additional boxes or fibre drums as requested by the City at no additional charge.
- 2.3.1.3 Each box is to be clearly marked with the quantity and type of lamp contained in each box.

Awarded Vendor's Bill of Lading shall include number (quantity) of lamps.

2.3.2 City will palletize and shrink wrap spent lamps whenever possible. Successful bidder must remove spent lamps whether they are palletized and wrap or not.

2.3.3 **PACKAGE IDENTIFICATION**

- 2.3.3.1 The successful bidder shall instruct the City as to how to identify each package.
- 2.3.3.2 The successful bidder shall provide tags at no additional cost to the City if successful bidder requires specific tags.
- 2.3.3.3 City shall identify each package with proper tags and identifying system before shipment.
- 2.3.3.4 Awarded vendor shall provide the City with a Bill of Lading prior to departure.

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2.3.4 **LAMP LOADING**

- 2.3.4.1 Lamps will be accessible for pick up.
- 2.3.4.2 Loading dock may or may not be available, depending on location.
- 2.3.4.3 No loading equipment will be provided by the City.
- 2.3.4.4 The City will indicate the number of boxes to be picked up when they call the successful bidder.

2.3.5 **HAULING**

- 2.3.5.1 Successful bidder shall be responsible for proper hauling of lamps.
- 2.3.5.2 Successful bidder shall be responsible for their cleanup of any release of hazardous, or non-hazardous material that is a direct result of its actions.
- 2.3.5.3 Successful bidder shall certify that vehicles and trailers used for spent fluorescent lamps are licensed, and shall supply the recycling facility's EPA ID number to the City prior to removal of the spent fluorescent lamps. Transporter(s) and/or recycling/disposal facility (or facilities) operating without the proper permits, or under interim status, will not be used. The vehicles and trailers used will comply with all applicable federal, state, county, local and other regulations. All personnel shall be properly trained in the safe handling and transport of hazardous materials.
- 2.3.5.4 The successful bidder shall transport and recycle all spent lamps temporarily stored at the City's location in accordance with federal, state, county, local and other regulations governing hazardous materials and hazardous wastes, and universal waste (whichever may be applicable).

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2.3.6 **RECYCLE/DISPOSE**

- 2.3.6.1 Successful bidder shall be responsible for proper disposition of lamps.
- 2.3.6.2 Successful bidder must perform 100% recycling of lamps by-products. The recycler must be permitted as both a lamp recycler and a mercury distiller.
- 2.3.6.3 Successful bidder must provide a detailed description of recycling process(es) operation(s) and the resulting products, by-products, and wastes of all lamp de-manufactured by-products sold and documented with a “Bill of Sale”.
- 2.3.6.4 Successful bidder shall process lamps in a 48 hour period and will have the ability to separate components into recoverable materials will be recycled as the following: aluminum end caps, crushed glass and mercury recoverable phosphor powder.
- 2.3.6.5 Successful bidder shall routinely conduct Toxicity Characteristic Leaching Procedure (TCLP) on recovered materials (glass, metal end caps, crushed glass and mercury recoverable phosphor powder) in accordance with the regulatory level designated for mercury.
- 2.3.6.6 Successful bidder shall supply documentation that each recovered material end user is complying local, state and federal environmental regulations.
- 2.3.6.7 Successful bidder shall document for the generator the dates that the lamps were received at the recycling facility and the date when lamp processing was completed and shall provide documentation (e.g., issue certificate of recycling) to the generator.
- 2.3.6.8 Successful bidder shall be state authorized to ship lamps via common carrier to the recycling facility for processing.

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- 2.3.6.9 Successful bidder shall use a separate processing procedure for high intensity discharge lamps which results in the removal of the inner quartz capsule. Mercury shall be reclaimed from the quartz capsule through distillation.
- 2.3.6.10 Successful bidder shall have procedures and equipment to manage a mercury spill.
- 2.3.6.11 Successful bidder shall contain and use air pollution control technology (sulphorated carbon filters, a baghouse and HEPA filter) to ensure worker safety and protect the environment.
- 2.3.6.12 Successful bidder shall have a contingency plan, closure plan and facility inspection log available for review on the City's request. The lamp recycling facility shall be open for inspection and tours on the City's request.
- 2.3.6.13 Successful bidder shall provide for routine medical monitoring of their employees by collecting and analyzing blood and urine for mercury, lead and Cadmium to ensure employee health.
- 2.3.6.14 Successful bidder shall utilize an environmentally trained professional who will ensure that the facility complies with all county, state, and federal hazardous waste regulations.

- 2.3.7 The successful bidder is cautioned that it is responsible for ascertaining the extent to which these regulations affect the operations resulting from this solicitation; and the successful bidder is further cautioned to comply therewith.
- 2.3.8 The successful bidder shall comply with all regulations established by the Occupational Safety and Hazard Administration (OSHA) for the protection of workers engaged in the handling of hazardous materials.
- 2.3.9 Successful bidder shall maintain all necessary permits, licenses, insurance, and health and safety training for the removal, segregation, packaging, storage and transportation and recycling of spent lamps.
- 2.3.10 All documentation must be forwarded to the ordering department along with the invoicing for that department (paragraph 4.2.11.4).