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September 29, 2022

To: Potential Surplus LED Light Bidders
From: Paula Eckard, Supply Chain Analyst
CC: Candice S. Kirtz, Director of Supply Chain
Subject: Bid No. PWC222313 For Surplus Lights 1156290-C

The Fayetteville Public Works Commission hereinafter referred to as Commission manages and controls various pieces of equipment. As the legal title holder of equipment, the Commission has approved the sale of equipment by sealed bid. The surplus light shipment (C) consists of one (1) lot of 450 LUMINAIRE, LED, ROADWAY, TYPE II, 50W, LABELED AS 50.

The Commission will accept sealed bids for this equipment until 2:00 p.m., Thursday, October 13, 2022, at Fayetteville PWC, PO Box 1089, Fayetteville, NC 28301, all bids received shall be opened in public and the amount of each bid announced and recorded. In order for your bid to be accepted the bid number must be written on the outside of the sealed envelope.

Bidding information may be viewed online at <https://www.faypwc.com/bids/>

The Commission reserves the right to withdraw the equipment from sale at any time and the right to reject any and all bids, waive all informalities concerning a bid or award a bid to the highest responsible bidder.

The successful bidder must remit payment within 30 calendar days from the bid award. The Commission accepts wire transfers, certified checks, or money orders as forms of payment. All items must be picked up from the Commission within 10 business days after receipt of payment. The Commission does not provide any loading, packing, shipping, and/or labor assistance for pickups. The successful bidder must arrange and perform all necessary labor to load, pack, ship, and/or remove the items. Property may be removed between the hours of 9:00 a.m. to 12:00 p.m. or 1:00 p.m. to 4:00 p.m. Monday through Friday, excluding State holidays.

Inquiries concerning the bidding process may be made to paula.eckard@faypwc.com.

Public Works Commission
Fayetteville, NC
Electric Systems Division
Material Specification

1-165-290

Revised: 13 JUL 2016

LUMINAIRE, LED, ROADWAY, TYPE II, 50W, LABELED AS LED 50 II

Description:

Outdoor light emitting diode (LED) luminaire for roadway lighting application with One(1) or more LED arrays consisting of all-die-cast aluminum housing with heat sink, electronic driver and door assembly latched for gloved hand (tool less) access. Luminaire mounted via 4-bolt slip-fitter, adjustable for 1-1/4 to 2 inch pipe arm with leveling adjustment. Minimum warrantee shall be ten (10) years on complete luminaire assembly and finish. Luminaire shall be ARRA/Buy American compliant. Finish color to be GRAY.

Performance Standards:

Voltage: 120-277V (+/-5%)

Maximum Input Power: 54 W

Surge suppression: Per ANSI/IEEE Std. C62.4, in accordance with ANSI/IEEE C62.41.2 for Location Category C (High), 10kV/5kA (120 events)

Power Factor: > 90% at full load

Total Harmonic Distortion: < 20% at full load

Sound Rating: Class A

Certifications: Listed to U.S. safety standards for wet locations

Minimum Enclosure Rating: IP 66

Maximum BUG Rating: 3, 0, 2

Vibration Rating: 2G, ANSI C136.31

Operating Temperature Rating: -40°C to 40°C

Optical Standards:

Initial Lumens: 5,400 nominal

Luminaire Efficacy: ≥ 100 Lu/watt

Nominal Color Corrected Temperature CCT: 4000°K (+/- 300°K)

Color Rendering Index CRI: ≥ 70

Photometric measurements: IESNA LM-79

Lumen Maintenance: IESNA L85, 85% minimum at 100,000 hours at 25°C ambient temperature

Photocell receptacle, twist-lock, rotatable, 7-wire per ANSI C136.41.

Optical Performance:

Shall meet IESNA RP-8 and AASHTO Standard GL-6.

Delivery Standards:

Shall be delivered assembled with label "LED 50 II" affixed per ANSI C 136.15. All luminaires shall be packaged in individual marked cardboard cartons and shipped on 4-way pallets accessible by forklift for unloading at Warehouse dock.

Types Accepted:

LEOTEK: GCJ1-30J-MV-40K-2R-GY-055-PCR7-WL

GE: ERL1005E140AGRAYAGILRX044

Note: 1 - Catalog/Series information is shown for reference use only. Supplier is responsible for conforming to specifications as stated.

Specification reviewed by: _____



**50
LED**

II

RACK WEIGHT CAPACITY = 2500 LBS PER SHELF



**1165290, LUMINAIRE, LED, ROADWAY, TYPE II, 50W,
LABELED AS 50**

PWC2223011 Bid Pricing Form

Due October 13, 2022

Bidders Information

Bidders Name: _____

Street Address: _____

Telephone Number: _____

Email: _____

Print Name and Title: _____

Bidders Authorized Signature: _____

Date: _____

Pricing

LOT	QTY <i>(LOT OF 450)</i>	EXTENDED COST
C	1	\$