

RFQ 17-215/CY



WASHINGTON
METROPOLITAN
AREA TRANSIT
AUTHORITY
(WMATA)

REQUEST FOR QUALIFICATIONS (RFQ)

**LED LIGHTING MANUFACTURERS—
LED LIGHT FIXTURES**

AUGUST 3, 2017

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1.0 Introduction

The Washington Metropolitan Area Transit Authority (WMATA) submits this Request for Qualifications (RFQ) to solicit Statements of Qualifications (SOQs) from those entities (Manufacturer(s)) interested in contracting to serve as the approved and authorized manufacturer(s) to supply LED light fixtures in an upcoming procurement for the replacement of roughly 500 pylon and 82,000 LF of trackbed/parapet light fixtures in the WMATA system. Future purchases would also be made by WMATA to replenish stock for ongoing maintenance. The purpose of this RFQ is to solicit information that will enable WMATA to determine which Manufacturer(s) are best qualified to successfully manufacture lighting fixtures meeting WMATA's performance specification.

Manufacturer's SOQs will be based upon the requirements in the specifications provided in this RFQ. As part of the SOQs WMATA is requesting Manufacturers to submit cut sheets of existing light fixtures that meet the requirements set forth in the specification or which most closely demonstrate the Manufacturers ability to meet the intension of the specification. Requirements of this RFQ generally will use the words "shall", "will", or "must" (or equivalent terms) to identify a required item that must be submitted with a Manufacturer's SOQs.

2.0 Background Information

2.1 Project Overview

WMATA intends to replace the T-12 fluorescent trackbed/parapet and high intensity discharge (HID) pylon lighting systems on the platform level in (48) underground Metrorail Stations with high-quality, robust, future-proof LED lighting systems. WMATA has roughly 500 pylons and 82,000 LF of trackbed/parapet fixtures in the system.

A performance specification has been developed to meet WMATA Design Criteria, improve the lighting levels in the underground stations, and minimize the need for maintenance. The new lighting system must address the harsh environmental conditions, maintainability, and sustainability while maintaining the specified performance and adhering to the physical parameters provided in the specification.

Environmental Conditions

WMATA underground stations experience a harsh transit environment, often damp or wet locations with changes in temperature, pressure, vibration, and electro-static brake dust. The break dust is attracted to metal and accumulates on the existing lighting systems, resulting in the stations becoming increasingly dim over time. Fixtures will be exposed to water, either from tunnel drainage and leaks, or by way of cleaning via pressure washing.

Maintainability

The specification takes into consideration the ease of fixture/driver installation and replacement. With the expected longevity of LED fixtures, a maintenance plan to combat the environmental conditions and sustain the integrity of the light in the station has been considered in the development of the specification.

Sustainability

WMATA is looking for LED light fixtures to have longevity, continued supply availability and withstand the development of new LEDs and drivers. Even though the technology may be changing, these lighting systems must perform identically to the systems they are replacing in terms of color, power, and optics.

2.2 Technical Specifications

See Attachment A entitled, “Section 265619 – LED Trackbed, Parapet and Pylon Lighting”

2.3 Prequalification – Evaluation factors

WMATA will prequalify vendors that comply with the technical specifications hereby attached and will provide said prequalification list to any bidders to compete for the future procurement and installation of LED light fixtures to support the replacement of the T-12 fluorescent trackbed/parapet and high intensity discharge (HID) pylon lighting systems on the platform level in (48) underground stations.

2.3.1 Ratings for SOQs Evaluation Criteria

Each criterion will be rated using the adjectival scoring method as follows:

Definition of adjectival rankings:

Exceeds Criteria	Exceeds specified performance or capability in a beneficial way to WMATA.
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Meets Criteria	Meets evaluation standards required under the technical provisions.
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Fails to Meet Criteria	Fails to meet an acceptable evaluation standard.
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Did Not Provide	No response or information was provided.
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A rating of “Meets Criteria” or higher is required to be eligible for pre-qualification consideration. Manufacturers are cautioned to be aware of this standard when preparing proposals.

2.4 Evaluation

WMATA's evaluation and selection is a business decision and will be based upon a composite of a manufacturer's response to the RFQ under "Submittals" below. In submitting response to this RFQ, manufacturers agree that WMATA will not provide its rationale for the selection or non-selection of a prospective manufacturer. However all manufacturers will receive an acknowledgement as to their selection for, or removal from, further consideration. Furthermore, in submitting response to this RFQ, manufacturers agree that any selection or rejection by WMATA is final and indisputable.

2.5 Evaluation Criteria and Submission Requirements

The Authority will evaluate the technical proposals in accordance with the "Ratings for SOQs Evaluation Criteria" set forth in the above in section 2.3.1. A submission that fails to address all items listed or fails to meet the minimum standard for acceptability with respect to each element may be deemed technically unacceptable and thus ineligible for pre-qualification.

Manufacturers are required to review the above Scope Overview and attached Lighting Performance Specification and submit the following information to demonstrate the ability to produce/manufacture LED Pylon Lighting Fixtures and LED Trackbed/Parapet Lighting Fixtures that conform to the above mentioned specifications, submissions must include responses to the following items:

1. Fixture Performance Details:
 - a. Optics & Photometrics:
 - i. Dimensions & Weight Specifications – (See Attachment A section 2.3 A.1, 2.3 B.1. and 2.4)
 - ii. Meet or exceed UL 57 Standards for Safety Electrical Lighting Fixtures – (See Attachment A section 1.6 A)
 - iii. Meet or exceed UL 8750 Standards for Safety Electrical Lighting Fixtures – (See Attachment A section 1.6 A)
 - iv. Optics-Beam Angle Specifications – (See Attachment A section 2.3 A.3 and 2.3 B.3)
 - v. Lumens/Watt Specifications – (See Attachment A section 2.3 A.1 and 2.3 B.1)
 - vi. Color Temperature – (See Attachment A section 2.2 C)
 - vii. Delivered Lumens and Efficiency – (See Attachment A section 2.3 A. 1 and 2.3 B.1)
 - viii. Provide LED Life (hrs.) & Product Test Data per L70 – (See Attachment A section 2.2 F)
 - ix. Is the Fixture Dimming Capable, list dimming protocols – (See Attachment A section 2.2 K.17)
 - b. Housing Characteristics:
 - i. Dimensions & Materials Specification – (See Attachment A section 2.3 A.1, 2.3 B.1 and 2.4)
 - ii. IP rating of the Electrical Connection – (See Attachment A section 2.4 A.4)

- iii. Driver Configuration, dimensions and material – *(See Attachment A section 2.4 A.6)*
 - iv. IP rating of fixture – *(See Attachment A section 2.4 A.1.b)*
 - v. Fixture lens/glass type and impact rating – *(See Attachment A section 1.6 G)*
2. Sustainability:
- a. Anticipated Fixture Lifecycle & Energy Savings – Provide the annual KWH and lifecycle of the fixtures. The Manufacturer shall assume for their calculations that all fixtures will be in operation 24/7/365.
 - b. Manufacturer's Recycling Policy for returned fixtures requiring replacement of LED components or other replacements – *WMATA is committed to being environmentally conscious. Please describe your company strategy to abide by environmental regulations and best practices. Provide your fixture recycling policy and any industry standards your company adheres to. Does your company have a strategy to recycle and reuse defective fixtures?*
 - c. Warranty Length – Fixture and Driver and provide warranty language – *(See Attachment A section 1.7 A and 2.2 K.16)*
3. Maintainability:
- a. How would the types of fixtures be differentiated (i.e. housing markings, inscribed, etc.)? – *Provide a description of how the fixtures will be differentiated.*
 - b. Proposed location of driver placement – *(See Attachment A section 2.4 A.6)*
 - c. Fixture must withstand the discharge from a power washer of at least 1500 psi at a distance of 5 ft. – *(See Attachment A section 2.1 B)*
 - d. Surge/Inrush Rating, Class A or above – *(See Attachment A section 2.2 K. 14)*
4. Production Capability:
- a. Manufacturers must provide a narrative description of their manufacturing capabilities to include but not limited to:
 - i. Production capacity – *WMATA in an upcoming procurement for the replacement of roughly 500 pylon and 82,000 LF of trackbed/parapet light fixtures. Future purchases would also be made by WMATA to replenish stock for ongoing maintenance. Please provide a narrative description of your production capacity.*
 - ii. Anticipated production time for initial purchases and future replacements. – *As outlined above WMATA is planning an upcoming procurement for the replacement of its pylon and trackbed/parapet light fixtures, please provide a narrative description of the anticipated production time for initial purchases as well as future replacements.*
 - b. Capacity to meet burn-in requirements – *(See Attachment A section 1.6 E)*
5. Buy America Compliance:
- a. The Manufacturer must agree to comply with 49 U.S.C. 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver.
 - b. The Manufacturer is responsible for flowing down these requirements to suppliers at every tier. The dollar threshold only applies to the prime Manufacturer. All suppliers thereunder are subject the Buy America Act Requirements.

6. Complete and Submit the Manufacturer Data Sheet, marked as Attachment B. Manufacturers are not required to submit their SOQs for consideration for both the pylon and trackbed/parapet fixtures. However, Manufacturers will only be considered for pre-qualification for the Manufacturer Data Sheets submitted for the fixture category (pylon and trackbed/parapet).
7. Submit cut sheets, for each fixture category requesting consideration for pre-qualification, of existing light fixtures which most closely demonstrate the Manufacturers ability to meet the requirements outlined in the in the above mentioned and attached specifications.
8. Narrative Submission Responding to the following:
 - a. The name of your organization with telephone/fax numbers, and name, email address, and mailing address of primary point of contact.
 - b. Clearly demonstrate that the Manufacturer has successfully provided similar goods for other customers within the last four (4) years.
 - c. Manufacturers must provide three (3) references for past performance; WMATA will verify past performance by contacting the provided references. Please provide, name, title, address, telephone number and Email address for reference point of contact.
9. Other supporting documentation the Manufacturer deems of value to evaluate their qualifications.

3.0 WMATAs Point of Contact

WMATAs sole point of contact (POC) for matters related to the RFQ shall be Carolina Young, Contract Administrator. WMATAs POC is the only individual authorized to discuss this RFQ with any interested parties. All communications with WMATAs POC about this RFQ shall be in writing.

Name: Carolina Young, Contract Administrator

Address: Washington Metropolitan Area Transit Authority
8100 Professional Place, Suite 206
Hyattsville, MD 20875

Phone: 301-955-2033

Email: cyoung2@wmata.com

WMATA disclaims the accuracy of information derived from any source other than WMATAs POC, and the use of any such information is at the sole risk of the Manufacturer.

All written communications to WMATA from Manufacturers shall specifically reference this RFQ, No.: RFQ 17-215/CY.

4.0 Submission of Information

Manufacturers are encouraged to submit documentation as they deem of value to fully respond to the submission requirements listed in sections 2.5.6 and 2.5.7. The Manufacturer must submit the Manufacturer Data Sheet (Attachment B) completed with corresponding section/page numbers in their submission. Any added documentation supplied as a part of the SOQ, including narrative responses shall be no more than ten (10) pages.

The submission shall be clearly marked as RFQ 17-215/CY.

Submissions shall be made electronically, via Email to

Carolina Young, Contract Administrator
cyoung2@wmata.com

Submissions shall be emailed by **11:00 AM EDT, Monday, August 14, 2017.**

Neither fax nor regular mail/courier submissions will be accepted. Manufacturers are responsible for effecting delivery by the deadline above. WMATA accepts no responsibility for misdirected or lost responses.

5.0 RFQ Documents and Addenda

The RFQ Documents and Addenda, if any, will be posted on the WMATA website:

http://www.wmata.com/business/procurement_and_contracting/solicitations/

6.0 Rights and Obligations of WMATA

6.1 Reservation of Rights

WMATA reserves to itself all rights (which rights shall be exercisable by WMATA in its sole discretion) available to it under applicable law, including without limitation, the following, with or without cause and with or without notice:

6.1.1 The right to cancel, withdraws postpone or extend the RFQ in whole or in part at any time, without incurring any obligations or liabilities;

6.1.2 The right to issue a new RFQ;

- 6.1.3** The right to reject any submittals and responses received at any time;
- 6.1.4** The right to modify all dates set or projected in this RFQ;
- 6.1.5** The right to terminate evaluations of responses received at any time;
- 6.1.6** The right to suspend and terminate this RFQ, at any time;
- 6.1.7** The right to waive or permit corrections to data submitted with any response to this RFQ;
- 6.1.8** The right to issue addenda, supplements, and modifications to this RFQ;
- 6.1.9** The right to permit submittal of addenda and supplements to data previously provided with any response to this RFQ;
- 6.1.10** The right to hold meetings and conduct discussions and correspondence with one or more of the Respondents responding to this RFQ to seek an improved understanding of the responses to the RFQ.

This is a Request for Qualification (RFQ), not an order. No cost can be charged to WMATA for any reason. This document shall not be construed as a request or authorization to perform work at WMATA's expense. Any work performed by a manufacturer will be at the manufacturer's own discretion and expense. This RFQ does not represent a commitment to purchase or lease. Submission of a response constitutes an acknowledgement that the manufacturer has read and agrees to be bound by such terms.

The information received in response to this Request for Qualification will be used by WMATA to determine the next action steps to move forward. A response will not result in an award. Also, WMATA does not commit to any incurred cost in preparation of a response to this Request for Qualification.

This RFQ remains the property of WMATA at all times, and must be returned by the manufacturer upon request. Manufacturers not submitting a response must immediately return all printed, graphic and electronic documentation to the point of contact.

All responses, once delivered, become the property of WMATA.