

SECTION 2**SPECIAL TERMS AND CONDITIONS****2.1 PURPOSE**

The purpose of this solicitation is to establish a contract to purchase up to 58 exterior light fixtures (ceiling and wall mount) with light-emitting diode (LED) bulbs, herein after called LED Cylinder Lighting, for Miami-Dade County (County) on behalf of Department of Transportation and Public Works (DTPW). The LED Cylinder Lighting will be used at several Metrorail stations. The purchase is funded by the Federal Transit Administration. The quantities of LED Cylinder Lighting are contingent upon the unit cost of each type of LED Cylinder Lighting and the total funds allocated for this purchase.

2.2 TERM OF CONTRACT

This contract shall commence on the first calendar day of the month succeeding approval of the contract by the Board of County Commissioners, or designee, unless otherwise stipulated in the Blanket Purchase Order issued by the Internal Services Department, Procurement Management Division. The contract shall expire on the last day of the last month of the one (1) year contract term or until such time as all LED Cylinder Lighting purchased in conjunction with this solicitation have been delivered and accepted by the County's authorized representative, and upon completion of the expressed and/or implied warranty periods.

2.3 METHOD OF AWARD

Award of this contract will be made to the lowest priced responsive, responsible Bidder who meets the minimum requirements below and all of the technical requirements within Section 3 of this solicitation, when all items are added in the aggregate.

If a Bidder fails to submit an offer on all items, its offer may be rejected.

2.3.1 Bidder shall submit the manufacturer's name(s) and model/part numbers of the LED Cylinder Lighting offered.

2.3.2 Bidders shall complete, sign, and upload all certificates found in **Appendix A**. Except for the Buy America Certificate of Compliance in **Appendix A** (which must be submitted with the bid), County reserves the right to request any certificates during evaluation of bids.

2.3.3 This solicitation requires submission of the following documentation to enable the County to evaluate products offered: Product Information (such as factory specifications, technical specifications, standard manufacturer information sheets, catalogues, and brochures)

All LED Cylinder Lighting offered to the County shall be equal in quality and standards of performance to the specification in Section 3 herein. All supporting documentation submitted by the Bidder shall in total meet the required specifications set forth in this solicitation. Where product literature submitted provides information that does not comply with specifications in Section 3, the Bidder shall state, in an official letter on corporate letterhead, the differences between the item offered and the equipment described by the standard product literature, to substantiate compliance to all of the specifications set forth in this solicitation. In such cases, any offer submitted with standard product literature but without the letter explaining compliance may result in the rejection of the offer for not meeting the solicitation specifications.

All Bidders are required to submit with their bid sufficient technical data to verify that its LED Cylinder Lighting are equal to the specifications listed in this solicitation; however, Miami Dade County may, at its sole discretion, allow Bidders to complete or supplement the information sheets during the bid evaluation period. Failure to provide sufficient information to allow the County to evaluate the Bidder's products, as specified by the County, may result in the Bidder's bid being declared non-responsive. The County shall be sole judge of the Bidder's conformance with the specifications and requirements and its decision shall be final.

- 2.3.4** The County may require a sample of the LED Cylinder Lighting offered for evaluation. Such items are to be provided at no cost to the County, and should be submitted to the County at the time requested. Failure to meet this requirement may result in Bidder's offer being rejected.

Failure to meet these requirements may result in Bidder's offer being rejected. However, in accordance with Section 1, Paragraph 1.5.K, the County reserves the right to request and evaluate additional information.

2.4 PRICES SHALL BE FIXED AND FIRM FOR TERM OF CONTRACT

If the Bidder is awarded a contract, the proposed prices shall remain fixed and firm during the term of contract.

2.5 METHOD OF PAYMENT

The awarded Bidder shall submit an invoice to the County department that requested the items through a purchase order. The date of an invoice shall not exceed 30 calendar days from the delivery and acceptance of the items. Invoice shall be submitted in duplicate by the awarded Bidder to DTPW as follows:

Miami-Dade County
Department of Transportation and Public Works
Attention: Project Manager
6601 NW 72 Avenue
Miami, Florida 33166

An invoice may not be submitted to the County in advance of the delivery or pick up. Failure to submit invoices in the prescribed manner will delay payment. Refer to Section 1, General Terms and Conditions, Article 1.35, Invoices for further details

2.6 "EQUAL" PRODUCT CAN BE CONSIDERED UPON RECEIPT OF SPECIFIED DATA

Manufacturer's names, brand names and/or model number information contained in this solicitation are being used for the sole purpose of establishing the minimum requirement of level of quality, standard of performance and design, and is in no way intended to prohibit the offer of another manufacturer's products of equal material unless otherwise indicated herein.

This solicitation requires submission of the following documentation to enable County evaluation of "equal" products: 1) Product Information Sheets and 2) Safety Data Sheets.

If an "equal" product is considered by the County, the product shall be equal in quality and standards of performance to the product specified in the solicitation. Where an "or equal" product is offered, product

information is required with the initial offer and shall be submitted with two (2) complete sets of product information sheets (such as factory specifications, standard manufacturer information sheets, catalogues, and brochures), and if requested by the County, two (2) copies of performance test results of the unit offered as an equal. Also, for product information submittals, all supporting documentation submitted by the Bidder must in total meet the required specifications set forth in this solicitation.

Where the standard product literature submitted with the offer provides information that does not comply with the specifications, the Bidder shall state, in an official letter on corporate letterhead as part of their initial offer, the differences between the item they are specifically offering, and the equipment described by the standard product literature, to substantiate compliance to all of the specifications set forth in this solicitation. In such cases, any offer submitted with standard product literature but without the letter explaining compliance may result in the rejection of the offer for not meeting the solicitation specifications.

If samples of all "or equal" items bid are required for evaluation, such items are to be provided at no cost to the County, and should be submitted with the initial offer, or at the time of specific request. Failure to meet this requirement may result in your offer being rejected.

For "equal" products to be evaluated based on submission of product labels, the initial offer should be accompanied with labels indicating the specification and ingredients for each "or equal" item offered. Failure to meet this requirement may result in the offer being rejected.

The County shall be sole judge of equality, based on the best interests of the County, and its decision in this regard shall be final. Items labeled "No Substitute" on the solicitation are the only products that will be accepted under this solicitation.

2.7 DISADVANTAGED BUSINESS ENTERPRISES REGISTRATION

Upon notification by the County, the awarded Bidder shall register in the MyLCM System for DTPW via the link below: <https://app.mylcm.com>

2.8 DISADVANTAGED BUSINESS ENTERPRISES GOAL

Pending SBD determination **OR**

There is no numeric race conscious DBE contract goal for this purchase. However, should the awarded Bidder retain the services of Disadvantaged Business Enterprise (DBE) firms on this project through race neutral means, the awarded Bidder shall submit monthly the Subcontractor Monthly Report, reflecting such participation. See **Appendix B** for information on the County's DBE program requirements.

2.9 INSURANCE

See Section 1, Paragraph 1.22. or TBD by Risk Management (pending).

2.10 SHIPPING TERMS: F.O.B. DESTINATION

All Bidders shall quote prices based on F.O.B. Destination and shall hold title to the goods until such time as they are delivered to, and accepted by, an authorized County representative.

2.11 DELIVERY SHALL BE WITHIN TBD DAYS AFTER DATE OF PURCHASE ORDER

Commented [WM(1):
Advise the number of days.

The awarded Bidder shall make delivery of the LED Cylinder Lighting within TBD calendar days after the date of the Purchase Order. All deliveries shall be made in accordance with good commercial practice and all required delivery timeframes shall be adhered to by the awarded Bidder; except in such cases where the delivery will be delayed due to acts of nature, strikes, or other causes beyond the control of the vendor. In these cases, the vendor shall notify the DTPW of the delays in advance of the original delivery date so that a revised delivery schedule can be appropriately considered by the DTPW.

Should the awarded Bidder fail to deliver in the number of days stated above, it is hereby agreed and understood that the County reserves the right to cancel the contract with the awarded Bidder and to secure the services of another vendor to complete the work. If the County exercises this right, the County will be responsible for reimbursing the awarded Bidder for work which was completed and found acceptable by DTPW in accordance with the contract. The County may, at its option, demand payment from the awarded Bidder, through an invoice or credit memo, for any additional costs over and beyond the original contract price which were incurred by the County as a result of having to secure the services of another vendor. If the awarded Bidder fails to honor this invoice or credit memo, the County may terminate the contract for default.

The LED Cylinder Lighting shall be delivered ready to use and protected from damage likely to be caused during handling, shipping, and off-loading to:

William Lehman Center
Palmetto Rail Yard, Main Warehouse
6601 NW 72 Avenue
Miami, FL 33166

Days: Monday through Friday
Hours: 7:00 AM to 3:00 PM (Local Time)

2.12 PACKING SLIP/DELIVERY TICKET TO ACCOMPANY ITEMS DURING EACH DELIVERY

The awarded Bidder shall enclose a complete packing slip or delivery ticket with any items to be delivered in conjunction with this solicitation. The packing slip shall be attached to the shipping carton(s) containing the items and shall be made available to the County's authorized representative during delivery. The packing slip or delivery ticket shall include at a minimum the following information: purchase order number; date of order; a complete listing and quantity of items being delivered.

2.13 MATERIALS SHALL BE NEW AND WARRANTED AGAINST DEFECTS

The awarded Bidder hereby acknowledges and agrees that all goods, except where recycled content is specifically requested, supplied by the awarded Bidder in conjunction with this solicitation shall be new, warranted for their merchantability, and fit for a particular purpose. In the event any of the materials supplied to the County by the awarded Bidder are found to be defective or do not conform to specifications: (1) the goods may be returned to the awarded Bidder at its expense and the contract cancelled or (2) the County may require the awarded Bidder to replace the goods at its expense.

2.14 WARRANTY SHALL BE MINIMUM FIVE YEARS FROM DATE OF ACCEPTANCE

In addition to Section 1, Paragraph 1.7 and 1.8, the following applies to this solicitation:

2.14.1 Type of Warranty Coverage Required

In addition to all other warranties that may be supplied by the Bidder or manufacturer, the Bidder shall warrant its products against faulty labor and/or defective material, for a minimum period of **five (5) years** after the date of acceptance by the County. This warranty requirement shall remain in force for the full five (5) year period; regardless of whether the Bidder is under contract with the County at the time of defect. Any payment by the County for the goods received from the Bidder does not constitute a waiver of these warranty provisions.

2.14.2 Correcting Defects Covered Under Warranty

The awarded Bidder shall promptly correct any deficiency, at no cost to the County, within fifteen (15) calendar days after the County notifies the awarded Bidder of such deficiency in writing or electronic mail. If the awarded Bidder fails to honor the warranty and/or fails to correct or replace the defective items within the period specified above, the County may, at its discretion, notify the awarded Bidder in writing, that it may be debarred as a County Bidder and/or subject to contractual default if the corrections or replacements are not completed to the satisfaction of the County within fifteen (15) calendar days of receipt of the notice. If the awarded Bidder fails to satisfy the warranty within the period specified in the notice, the County may (a) place the awarded Bidder in default of its contract, and/or (b) procure the products from another Bidder and charge the awarded Bidder for any additional costs that are incurred by the County for this items; either through a credit memorandum or through invoicing.

REMAINDER OF PAGE LEFT INTENTIONALLY BLANK.

SECTION 3**TECHNICAL SPECIFICATIONS****3.1 SCOPE OF WORK**

These technical specifications provide a general description and define the minimum requirements of exterior light fixtures (ceiling and wall mount) with light-emitting diode (LED) bulbs. Such LED Cylinder Lighting will be installed by the County at various Metrorail stations and are intended for exterior use in South Florida's subtropical weather with frequent high-wind weather events.

3.2 CEILING MOUNT LED LIGHTS (LINE ITEM 1)

The ceiling mount fixture shall be/have:

- 3.2.1 Fabrication process of cylinder housing has a manufacturing tolerance of $\pm 1/16"$. The cylinder shall have a minimum OD (Outer Diameter) will be $9\ 15/16"$ and maximum OD will be $10\ 1/16"$.
- 3.2.2 Total overall height of ceiling mounted cylinder will be $19\ 1/4 \pm 1/8"$, below finished ceiling.
- 3.2.3 Cylinder wall thickness of $0.125\ \text{inches} \pm 1/64"$
- 3.2.4 Have a cast aluminum ceiling spacer $1\ 1/2" \times 7.5"$ dia., welded to cylinder to fit the ceiling mounting adaptor.
- 3.2.5 Fixture shall be mounted to the existing mounting plate which is attached to 4 x 4 junction box.
- 3.2.6 Phillips Lightolier part number C10L40SCBK40KU-SUB10" or approved equal.

3.3 WALL MOUNT LED LIGHTS (LINE ITEM 2)

The wall mount fixture shall be/have:

- 3.3.1 Fabrication process of cylinder housing has a manufacturing tolerance of $\pm 1/16"$. The cylinder shall have a minimum OD will be $9\ 15/16"$ and maximum OD will be $10\ 1/16"$.
- 3.3.2 Total overall height of wall mounted cylinder will be $18 \pm 1/16"$.
- 3.3.3 Cylinder wall thickness shall be $0.125\ \text{inches} \pm 1/64"$
- 3.3.4 Mounting back plate will be $5/8"$ thick aluminum. Plate will be welded to $1\ 1/2" \times 4"$ rectangular aluminum arm. Rectangular arm will extend 4" from mounting back plate. Verify the existing junction box for correct alignment of mounting holes.
- 3.3.5 Have Rectangular arm wall thickness will be $0.125\ \text{inches} \pm 1/64"$
- 3.3.6 Cylinder housing will be welded to the rectangular arm for added strength and protection against ingress of water and dust.
- 3.3.7 Phillips Lightolier part number C10L40WCBK40KU-SUB10" or approved equal.

3.4 ELECTRICAL FEATURES OF CEILING AND WALL MOUNT LED LIGHTING CYLINDERS

The electrical features are as follows:

- 3.4.1 Shall be 277 volts
- 3.4.2 LED Array mounted to a metal clad circuit board.
- 3.4.3 Shall be protected from lightning induced overvoltage by a 10K surge protector.
- 3.4.4 Heat sink shall be aluminum.
- 3.4.5 Fixture shall be suitable for wet locations.

3.5 MECHANICAL FEATURES OF CEILING AND WALL MOUNT LED LIGHTING CYLINDERS

The mechanical features are as follows:

- 3.5.1 A fixture housing of cast aluminum.

- 3.5.2 A case temperature maximum of 85 C
- 3.5.3 Lens will be 1/8" thick clear Polycarbonate for impact resistance
- 3.5.4 Fixture to be 17"-18" long and the arm shall be 7"-7.5" long
- 3.5.5 2 mil black powder coat paint finish (matte)
- 3.5.6 All fasteners (i.e., screws, bolts, nuts, washers, set screws) and hardware shall be stainless steel and designed to meet ASTM B-117 AND TESTED for 500 hours of salt spray exposure for paint compliance.

3.6 LED OPTICAL SYSTEM FOR CEILING AND WALL MOUNT LED LIGHTING CYLINDERS

The LED optical system shall consist of the following:

- 3.6.1 An output watts of 68 maximum
- 3.6.2 Lumens: 3850 with polycarbonate lens
- 3.6.3 Lumens Maintenance: greater than 50,000 hours
- 3.6.4 Fixture efficacy: 56 lumens/watts
- 3.6.5 Minimum Color Rendering Index (CRI) of 70
- 3.6.6 A color temperature of 4000K
- 3.6.7 LED array will be mounted approximately 7"-8" above bottom of housing

3.7 PRODUCT COMPLIANCE

The LED lights' cylinders shall be certified and compliant for quality with the following agencies listed below. Certificates and/or reports shall be furnished upon the County's request.

- 3.7.1 Fixture will be UL certified to applicable standards.
- 3.7.2 Fixture will be rated for IP-6X for dust protection and will be UL listed for wet locations.
- 3.7.3 Factory producing fixture shall meet International Organization for Standardization (ISO) 9002 quality systems standard.
- 3.7.4 Fixture will be designed to ASTM B-117 and tested for 500 hours of salt spray exposure.
- 3.7.5 Department of Energy (DOE) TM-21 L70 for energy compliance.
- 3.7.6 Underwriters Laboratories (UL) product.
- 3.7.7 Illuminating Engineering Society of North America (IESNA) LM-80 approved. Test for lumens maintenance report.

3.8 MANUALS AND TECHNICAL INFORMATION

Upon delivery, the awarded Bidder shall provide to the County the following:

- 3.8.1 Installation and Operation manuals including wiring diagrams.
- 3.8.2 Repair and Maintenance manuals.
- 3.8.3 Parts lists with part numbers.

ATTACHMENTS:

- Appendix A – FTA Certifications
- Appendix B – DBE and EEO Requirements

Commented [WM(2):
How many of each? Hard copy, jump drive, CD or combination?
Are all listed needed?