

Date: February 18, 2021

RE: FPL Pathway Lighting, EN1901 – Request for information

Thank you for your interest in the Village's project. Highlighted responses to requests for information are listed below. Please note the list is a compilation of questions submitted from multiple Contractors and Suppliers.

Previous RFI responses and addenda can be viewed at: <http://www.royalpalmbeach.com/rfps>

Sincerely,

Adamo DiSisto
Project Engineer
Office: (561) 790-5163
Village of Royal Palm Beach
Engineering Department
1050 Royal Palm Beach Boulevard
Royal Palm Beach, FL 33411
adisisto@royalpalmbeach.com

From: Esperanza Gutierrez <egutierrez@solarmaxtech.com>

Sent: Tuesday, December 29, 2020 1:47 PM

To: Vickie Day <vday@RoyalPalmBeach.com>

Cc: Lily Chen <lchen@solarmaxtech.com>

Subject: FW: FPL Pathway Lighting - EN1901 Inquiry

1. Does the scope include installing LED light fixtures with the poles?
Yes
2. Is the contractor supplying the LED fixtures?
Yes
3. Can you share the LED fixture specs and if alternatives are allowed?
Please see RFI Response 2, sent 1/8/2021.
4. Is there a planholder's list publicly available?
Response: Yes, the Clerks Office handles this list, please email Clerks_Office@RoyalPalmBeach.com

From: Chester Sokowski <chester.sokowski@ambroseindustries.net>

Sent: Tuesday, December 22, 2020 4:59 PM

To: Diane DiSanto <Ddisanto@RoyalPalmBeach.com>

Subject: Fpl Pathway Lightingway Lighting - 01/27/2021

After reading the RFP referenced in the subject field, we wish to submit the following questions.

1. Do you anticipate extending the bid due date?

No, not at this time. The Bid Opening date is still currently scheduled for 3:30pm on Wednesday January 27, 2021.

2. What additional details are you willing to provide, if any, beyond what is stated in bid documents concerning how you will identify the winning bid?

This is implied by virtue of requesting contractor references as part of the bid documents, but contractor references will be checked before the decision on the winning bid is selected to ensure

3. Was this bid posted to the nationwide free bid notification website at www.mygovwatch.com/free?

No

4. Other than your own website, where was this bid posted?

The bid will be posted in the Palm Beach Post newspaper on 12/24/2020.

From: Dan Lewis <DLewis@ferreiraconstruction.com>

Sent: Monday, January 4, 2021 5:09 PM

To: Adamo DiSisto <adisisto@RoyalPalmBeach.com>

Cc: Robert Higginbotham <RHigginbotham@ferreiraconstruction.com>; Ed Shea <EShea@ferreiraconstruction.com>

Subject: FPL Pathway Lighting - Submitted Questions - Ferreira Construction

1. Please verify that all of the material is to be furnished and installed by the contractor, and that no materials are being provided by the Village or Royal Palm Beach, FP&L, or any other entity.

No material shall be provided by any entity. It is the contractor's responsibility to furnish and install all products required for the project.

2. Can you provide the specified light pole manufacturer's name, as I am unable to find it in the plans and/or the contract documents?

As a requirement of the federal grant funding this project, The Village is not authorized to specify specific products for this project. A set of cut sheets with all branding information removed will be issued with this response to use as an example. Please see the top of the attachment for additional language on this matter.

3. Can the light poles that are no required to be on "spread footer" foundations, be a direct buried pole (with wind load calculations being provided), and eliminate the precast foundation?

No. The spread footers are required because of conflicts with existing utilities. Precast foundations will be used for all locations not specified as needing a spread footer.

4. Can you provide the specified luminaire manufacturer's name, as I am unable to find it in the plans and/or the contract documents?

Please see the response to 2 above.

5. Are the light poles and the luminaires considered to be "proprietary products"? If so, please issue the required "Proprietary Product Certification Form", for each proprietary product, as per FDOT Standard Specifications, so that they can be made part of the Contract Bid Documents.

Please see the response to 2 above.

6. Will the Village of Royal Palm Beach consider and alternate light pole and/or luminaire? If so, please provide the specific criteria requirements?

Please see the response to 2 above.

7. On Sheet E-9, Electrical Details, the Load Center details show a lockable door with a "Meter Section". This is not a typical "FDOT" style Load Center. Is this configuration required, or can a Nema 4X be provided on a stub pole, in the same vicinity as the ground mounted Load Center?

Please provide the electrical panels as per details on the drawings.

8. On Sheet E-9, Electrical Details, there is a Note that states: "ALL INSTALLATIONS SHALL BE SUITABLE FOR WIND LOAD IN ACCORDANC WITH THE FLORIDA BUILDING CODE. THE CONTRACTOR SHALL INCLUDE WITH THE SHOP DRAWING SUBMITTAL, A WIND LOAD CALCULATION SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA SHOWING THAT THE PROPOSED INSTALLATION WILL MEET THE WIND LOADING REQUIREMENT." FDOT Load Centers do not require Wind Load Calculations. Sheet # 01 of 09 of the Bid Plans, states that the Governing Standards and Specifications are FDOT Standard Plans Dated 2021 and Standard Specifications for Road and Bridge Construction Dated July 2021, as amended by Contract Documents. Please verify that the Load Center(s) are NOT required to have wind load calculations provided.

Per 7 above, FDOT Load Centers are not specified for this project, so the exemption for providing wind load calculations does not apply. Electrical installation shall meet NEC, FDOT, and the Florida Building Code.

From: Dan Lewis <DLewis@ferreiraconstruction.com>

Sent: Monday, January 4, 2021 5:09 PM

To: Adamo DiSisto <adisisto@RoyalPalmBeach.com>

Cc: Robert Higginbotham <RHigginbotham@ferreiraconstruction.com>; Ed Shea <EShea@ferreiraconstruction.com>

Subject: FPL Pathway Lighting - Submitted Questions - Ferreira Construction

1. Please provide riser diagram for meter/panel install. One line diagram

Riser diagram is provided on Sheet E-8 of Bid Documents.

2. Sheet E7 and E8 refer to note 1, which states- “provide and install 240/480, 1 phase, 3w as per detail E9” Sheet E9 has no reference to voltage, meter/operating voltage would have to be the same ie; 240 volt or 480 volt. Is the correct voltage 1 phase 480 (this refers to a wye configuration, utilizing one phase and a neutral which is 277 volts between the two conductors) or is this a Delta connection, meaning the voltage between the conductors will be 480 volts and fixtures will have same?

Electrical service shall be a 240/480 volt, single phase service. The service is a standard FDOT service voltage of 240 volt phase to ground and 480 volt phase to phase. Contractor shall coordinate with FPL for the proposed service.

3. Sheet E9 shows a 4X enclosure, with meter, contactor, panel, surge and photocell. Drawing shows a compartment for the utility company wiring as well, is the enclosure a manufactured unit? Please include clarity and/or part numbers for this unit.

The panel can be manufactured by Milbanks (816-510-6314), CC Control Corp (561-293-3975) or Tesco Controls (800-948-3726) or anyone else who is a UL shop as per note 4 on sheet E-8.

4. Please include AIC (Arc Interrupting current) rating requirement for the Panelboard schedules

The AIC of the service equipment shall be min. 22,000 as per schedule on Sheet E-8. Contractor shall verify with FPL for proposed fault current and adjust accordingly.

From: Celi of LLCFG Construction <celia@pavement.net>
Sent: Wednesday, January 13, 2021 7:47 AM
To: Adamo DiSisto <adisisto@RoyalPalmBeach.com>
Subject: FPL Pathway Lighting – Licensure RFI

1. Please clarify the licensure requirements.

The contractor who will be performing the electrical work must have an Electrical Contractor’s License. On page FP-55 of the Contract Documents, the Federal Provisions state that the prime contractor must self-perform at least 30% of the work, and “The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.” The cost of materials is expected to be more than 30% of project costs, meaning that a General Contractor should be able to bid with a Licensed Electrical Subcontractor.

From: Dan Lewis <DLewis@ferreiraconstruction.com>
Sent: Wednesday, January 20, 2021 12:51 PM
To: Adamo DiSisto <adisisto@RoyalPalmBeach.com>; Vickie Day <vday@RoyalPalmBeach.com>
Subject: FPL Pathway Lighting - Submitted Questions (Additional) - Ferreira Construction

Please provide answers to the following questions:

1. The Lighting Criteria has still not been issued, as was previously requested below, in

Question #6, below. Please provide the specific lighting design criteria for this project.

Please see Addendum 1 issued on January 20, 2021

2. On Sheet S-1, the Brass Warning Marker Detail – Can this marker be Bronze? Is this marker required to be “domed”? I have not been able to find a manufacturer that is willing to “factory” stamp any of the brass markers. The detail that you’ve provided specifically matches the manufacturer of the bronze domed markers that can be factory stamped, so all markers can be identical. If bronze is not allowed, please provide the vendor(s) available for the brass product.

Addendum 2 will include an updated sheet S-1, which will allow for brass/bronze and flat/domed.

3. On Sheet S-1, the Typical Precast Foundation Elevation shown, calls for a 24” x 9’ precast foundation. Can this foundation be shorter, if the contractor provided signed & sealed drawings and wind load calculations?

Addendum 2 will include an updated sheet S-1, which will remove the precast pile foundation detail. The contractor shall be responsible for obtaining a design for the precast pile foundations, and shall provide signed & sealed drawings and wind load calculations.

4. The plan sheets, plan details, plan typicals, nor the Light Pole Detail, do not show any breakaway couplings for any of the light poles. Sheet S-1, Spread Footing Section, states “Transformer Base, Post & Anchor Bolts by Light Pole Manufacturer”. Transformer bases for light poles are designed to break away, but there are no transformer bases with these light poles. Will break away couplings be required for all of these light poles?

The poles for this project shall be concrete, which do not have transformer bases or breakaway couplings, so neither are required. Addendum 2 will include an updated sheet S-1, which will remove the mention of transformer bases.

From: Altima Lighting <altimalighting@bellsouth.net>

Sent: Thursday, January 21, 2021 10:39 AM

To: Vickie Day <vday@RoyalPalmBeach.com>

Subject: FPL Pathway Lighting

1. My colleagues were wondering if there is a FIN number since its government funded (federal ID number) associated with this job?

I have been advised by the Village Finance Department that our FIN number is not to be distributed to the public.

2. Are all parts supposed to be made in USA?

Please see page BA-40 of the Contract Documents for the Buy America Certification requirements. This applies to iron and steel, not all project components.

From: Altima Lighting <altimalighting@bellsouth.net>

Sent: Thursday, January 21, 2021 8:03 PM

To: Vickie Day <vday@RoyalPalmBeach.com>

Cc: mgarrison@altimalighting.net; 'Humberto Castillo' <humberto@altimalighting.net>; 'Michael Benz' <michael@electricks.io>; Adamo DiSisto <adisisto@RoyalPalmBeach.com>

Subject: Re: FPL Pathway Lighting

1. Is there any geotechnical or boring test information? Auguring with sand is impossible, as it will cave in.

The excerpt from a Geotechnical report created for an adjacent project is attached to this RFI Response and will be added to the Contract Documents in the next Addendum. 25'-tall direct burial light poles in the project area were installed via augur in the past with no issues.

2. Do we have to repair the sidewalks damaged from each pole setting?

Any existing facilities damaged by contractor activities shall be replaced at the contractor's expense. Anticipated damages should be included in the relevant line item during initial bidding.

From: Dan Lewis <DLewis@ferreiraconstruction.com>

Sent: Thursday, February 18, 2021 12:24 PM

To: Vickie Day <vday@RoyalPalmBeach.com>

Cc: Robin Cronk <RCronk@RoyalPalmBeach.com>; Robert Higginbotham <RHigginbotham@ferreiraconstruction.com>

Subject: RE: Addendum #5 - FPL Pathway Lighting

With reference to the Addendum #5 Bid Form, please provide answers to the following questions:

1. Please define what is to be calculated for Item #120-RPB-1, Earthwork, (1) - LS. The only "earthwork" being performed on this project, is directly related to the spread footer foundations. If this work is to be costed in Item #120-RPB-1, Earthwork, (1) – LS, and the Light Poles with Spread Footer (Item #646-RPB-2) needs to be over-run, this will "skew" the cost of the required work, as the "earthwork" is now valued under a Lump Sum Item, and not the actual light pole item that work should be associated with.

This item is intended to address the excavation associated with the spread footers. As a standard Village post-bid procedure, a schedule of values will be required of the contractor that breaks down all lump sum items. If there is an over-run with the spread footer item, this schedule of values will be referenced for the per-instance cost of the spread footers.

2. Addendum #4, dated February 12th, 2021, was issued and the Bid Date was change to February 24th, 2021, with no details of any scope change, and/or quantity changes. Addendum #5 was issued on February 18th, 2021, with scope changes, quantity changes and additional pay items. Additionally, the FTBA Conference (which is directly associated with the FDOT), which most every major contractor, subcontractor, vendor, CEI firm and testing firms are attending, is on February 21-24. This conference is a once per year event. The FDOT schedules their Letting Dates around this conference each year. Can the bid date be pushed back to allow for the contractors, subcontractors, vendors and testing firms to still attend the statewide conference?

An addendum will be issued to address this.