

**TAMPA-HILLSBOROUGH COUNTY  
EXPRESSWAY AUTHORITY**

**Attachment A**

**01010 - SUMMARY OF WORK**

**FOR**

**INVITATION TO BID**

**SELMON EXPRESSWAY  
REVERSIBLE EXPRESS LANES  
CONSTRUCTION OF AESTHETIC  
LIGHTING**

**ITB No. O-00320**

## 01010 - SUMMARY OF WORK

### 1. DESCRIPTION

- 1.01 This section provides a general summary or overview of the work to be performed in the Invitation to Bid (ITB) No. O-00320. In performing the work, the contract documents, plans and specifications shall be adhered to. Two bid proposals are required. The base bid includes all the brackets and wiring for lighting the piers for the entire project. The bid alternate adds the lighting of the segments.

### 2. SCOPE OF WORK

- 2.01 The general Scope of Work consists of, but is not limited to: Provide all the labor, equipment, materials, tools, transportation, supplies, insurance, incidentals, mobilization, demobilization, and maintenance necessary for selective clearing and grubbing of the site, removal of the existing decorative pier lighting, removal, replacement, and upgrading as needed of existing electrical and fiber optic wiring and cabling, construction and installation of decorative pier and bridge lighting on the Reversible Express Lanes (REL) bridge structure, installation and commissioning of programmable digital control, which shall be remotely controllable from the THEA Traffic Management Center at THEA Headquarters, and maintenance of traffic for a signature lighting project on the REL
- 2.02 The following materials are anticipated:
- See project Base Bid Plans dated 03/09/2020 and Bid Alternate Plans dated 03/09/2020 prepared by Kimley-Horn and Associates (KHA).
- 2.03 Work performance duration is **365 calendar days** and includes active work and material acquisition and fabrication.
- 2.04 The Contractor is permitted to work at any time. However, lane closures will only be allowed at the following times: MONDAY-THURSDAY between the hours of 7 pm and 5 am, MONDAY – FRIDAY between the hours of 9 am and 3 pm, and between the hours of 7 am SATURDAY thru 5 am MONDAY. Coordination with THEA is required to ensure compliance with any special event or Holiday schedules that may be in effect during the period of performance.
- 2.05 Maintenance of Traffic, (MOT), to be provided by the Contractor during all set-up and take-down activities and work activities. Maintenance of Traffic to include at a minimum one (1) off-duty law enforcement officer per work operation. Maintenance of Traffic to be performed by "MOT certified" staff in accordance with the latest edition of the Florida Department of Transportation (FDOT), Standard Specifications for Road and Bridge Construction, Section 102, Maintenance of Traffic and the latest edition of the Florida Department of Transportation (FDOT) Standard Plans for Road Construction.

- 2.06 The Contractor is to take all necessary precautions to protect the vehicular traffic and any appurtenant structures during all phases of construction. All claims for damage due to the activities of the Contractor and/or its sub-contractors will be the responsibility of the Contractor.
- 2.07 Existing structures to be removed by Contractor become the property of the Contractor and removal and disposal of these structures is borne by the Contractor.
- 2.08 All conduit, raceways, drainage/stormwater management facilities, or other site improvements are to be protected during demolition and reconstruction unless otherwise shown on plans.
- 2.09 Any damage to existing improvements that are intended to be salvaged and re-used shall be repaired or replaced by the Contractor as determined by the Authority.
- 2.10 The pay items included with this ITB and shown in the reference plans represent the entirety of payment for this project. All labor, vehicles, equipment, materials, TTC, insurance, project management, supervision and administrative costs is included in the associated pay items. It is the Contractor's responsibility to verify/determine all quantities for which the bids will be based on.
- 2.11 Some conduit may be located within the interstitials of the segmented bridge structure of the elevated Reversible Express Lanes (REL). THEA representatives will provide access points, but the Contractor must provide personnel that are certified for confined space entry for work in these locations.
- 2.11 All work sites shall be maintained in a clean and safe condition. At end of work day, all sites shall be verified to be free of debris and materials. Underground work will be covered if possible. If underground work site must be left open, Contractor shall use caution tape, or other approved method to prevent injury to motorists and pedestrians. Any open ground or equipment in a travel way or clear zone shall be protected by approved barriers in compliance with FDOT TTC standards.

### **3. SUBMITTALS**

- 3.01 Submit the following in accordance with shop drawing submittal requirements of the General Provisions.
- 3.01.01 Maintenance of Traffic Plan. The Contractor shall prepare and submit to the Authority a Maintenance of Traffic Plan in accordance with the most recent edition of the Florida Department of Transportation (FDOT), Standard Plans for Road Construction Section 102.
- 3.01.02 Manufacturer's spec sheets for (including but not limited to):
- Fiber optic cable

- Pull boxes
- HDPE conduit
- Galvanized, powder-coated brackets, couplings/fittings and fixtures
- Wiring

**4. CONTRACT DRAWINGS AND SPECIFICATIONS PACKAGE**

4.01 Construction drawings have been prepared for this project. Provided drawings may not be reflective of all existing conditions. Should disagreements between the drawings, specifications and/or general conditions or existing field conditions be uncovered, said disagreements shall be promptly brought to the attention of the Authority.

4.01.01 Construction Drawings

4.01.01. Base and Bid Alternate Contract Plans Sets prepared by Kimley-Horn and Associates dated ??/??/2020

4.02 Drawings, Diagrams, Reports and Photographs are provided for reference of existing conditions as illustrative and not inclusive of all existing conditions and not intended to limit or take the place of an examination of existing conditions by the Contractor.

4.02.01 Drawings

4.02.01. None

4.02.02 Diagrams of Existing Conditions

4.02.02 None

4.02.03 Inspection Reports

4.02.03 None

4.02.04 Photographs

4.02.04 None

4.03 Specifications Package

4.03.01 Specifications Package

4.03.01 KHA\_Prepared\_SpecsPkg.pdf

**5. PRODUCTS**

5.01 None

**6. EXECUTION**

6.01 Work Sequence: **All** contract work shall be completed within **365 calendar** days of Day One as established in the Notice to Proceed. Work to be performed as per the TTC PLAN TTC NOTES in the project plans.

**7. MEASUREMENT AND PAYMENT**

7.01 See Section 01026

**8. SPECIAL PROVISIONS**

- A. Extreme care is to be exercised in the removal of the existing precast lighting foundations. Any damage to the underdrain system, pull boxes, conduit, conductor wire, etc. Will be the responsibility of the Contractor to repair.
- B. Components of the old (existing) lighting system become the property of the Contractor. These items include, but are not limited to, the precast bases, lighting fixture, miscellaneous conduit and conductor wire etc. It is the Contractor's responsibility to remove and dispose of these items at the Contractor's cost.

**[END OF 01010 - SUMMARY OF WORK]**