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Bid Package Breakdown

SUPPLEMENTAL INFORMATION

For Specialty Contractor

BP # 25

Date: June 9, 2015

BP Name: Sports Lighting System

Bid Package Description: Furnish and Install Sports Lighting System including a Design Assist

Bid Package Value: \$

Specific Requirements and Scope:

This scope includes the specialized trade of Furnishing, Installation and providing a Design Assist of the Sports Lighting System. The firms bidding this work as a Prime will be a Highly Specialized Contractor with the necessary experience to provide this type work.

Specific Skills Required:

Bidder must have sufficient experience in this type of work as proven in comparable projects. Bidder must be familiar with fast track performance of project and understand that the design is ongoing. Bidder must have the financial capability to have the funds available to handle the project due to the fast track nature.

Risks Associated with this Package:

Work must be completed within the time frames established so as to not hold up the other trades.

Firms must have a good safety record.

Experience and Licenses Required:

Subcontractor must have 5 years of experience with successful fabrication/installation of projects of similar scale and complexity with a successful performance.

Schedule/Performance and Manpower Requirements:

Contractor must have the manpower capability to adhere to the fast track schedule while maintaining high quality work.

Subcontractor must have the manpower available to perform this work in the time frame allotted in this fast pace project.



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Insurance Required:

Subcontractor must be able to be enrolled in an OCIP program or be able to provide insurance limits of the project.

General Liability insurance will be required. (\$5M per occurrence)

Bonding required:

A 100% Payment and Performance Bond will be required (from an A rated size VIII or better).

Contracting Required:

Bidder must be able to execute the Hunt Subcontractor Agreement.

Bidder must have home office support that can maintain reporting requirements of the Construction Manager (SBD, CWP, Safety)

Bidder must have a clean record with regards to legal claims.

Programs Required:

SBD (CSBE) and CWP

The Stadium aspires to have at least 70% of the project's workers be residents of Miami-Dade County, 20% of which are from the County's Community Development Block Grant (CDBG) eligible areas.

The Stadium also aspires to hire a minimum of 10% of the project's workers from Miami – Gardens. Labor residing in zip codes 33056, 33055, 33054, 33169 and 33014 should be given first preference for hire.

The project also aspires to utilize as many local firms as reasonably practical and aspires to have at least 35% of the firms hired as subcontractors be firms located within Miami-Dade County.

Attachment II

Subcontractor's Scope of Work

A. General Description of the Scope of Work:

Subcontractor shall perform the Subcontract Work generally described below (and as further described in the Contract Documents) to provide the following:

BP # 25 Sports Lighting System:

The intent of this Attachment II is to describe and clarify the Work required under this Agreement. It is the responsibility of this Subcontractor to provide the Security System Work associated with the Miami Dolphins Stadium Renovations project in accordance with the Contract Documents and as described below.

B. Payment and Performance Bonds:

Bonds will be required: Yes No

Bonds will be furnished in accordance with the provisions of Attachment VI.

C. Specific Requirements:

1. Subcontractor shall provide (furnish and install) all Work described by the following specification sections necessary for the proper completion of this Scope of Work as further clarified by this Attachment II:

- Division 00 – All Sections
- Division 01 – All Sections
- Division 26 – 260500 COMMON WORK RESULTS FOR ELECTRONIC SECURITY
260519 LOW VOLTAGE ELECTRICAL POWER CONDUCTORS
260526 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
260533 RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS
260548 VIBRATION CONTROLS FOR ELECTRICAL SYSTEMS
260553 IDENTIFICATION FOR ELECTRICAL SYSTEMS
262726 WIRING DEVICES
262813 FUSES
- Exhibit "A" LED SPORTS LIGHTING NARRATIVE
ASI – 065 dated 04-09-15

Attachment II

Subcontractor's Scope of Work

2. Design Intent

1. It is the intent of the Scope of Work to convey to this Subcontractor the total responsibility for the Work. This Subcontractor understands that due to the "Fast Track" nature of this project, Construction Documents may not be 100 percent complete and will develop as the project progresses. However, the Subcontractor shall perform all work required or reasonably inferred under the best practices in the Construction Industry for a complete and fully functional and operational system(s) for the purpose intended.
2. This project will require the Subcontractor to work as a team member with the Construction Manager and other members of the project team through the completion of construction to assure that all work required by this Scope will be performed in such a manner that it is complete, fully functional, and in accordance with the contract documents within the contract price.
3. References to the term "Contractor" in the Drawings and Specifications shall be interpreted to mean work by this Subcontractor as they relate to this scope of work.

3. Sports Lighting System Scope

1. The Scope includes providing general items and services typical to the "Low Voltage" divisions. (The intent of listing scope items and services is for ease of general scope identification and is not intended to be a complete listing of all items and services that may be required to complete the scope of work as required by the Contract Documents)
 - a) Provide designated/required personnel to participate in weekly and/ or as necessary MEP and BIM Coordination Meetings hosted by the Construction Manager.
 - b) Provide designated/required personnel to participate in generating and updating the Equipment / Commissioning Matrix.
 - c) Provide, as required and/or requested by Construction Manager, and /or Building Officials, and / or Owner's Commissioning Agent, personnel to assist the start-up of Security Systems and the checkout of all building controls, life safety systems, and building commissioning using the completed "Commissioning Matrix" resulting from the MEP coordination meetings.
 - d) Provide, as required and/or requested by Construction Manager "stand-by" personnel for games and events (Maximum 5 Games / Events with 6 people).
 - e) Furnish and install all required block-outs, sleeves, inserts, anchors and openings. Coordinate with all other trades, structural documents and applicable standards prior to installation.
 - f) Coordinate and mark-up all block-outs, sleeves, inserts and openings required in precast on precast shop drawings.
 - g) Coordinate and mark-up all openings required in masonry walls.
 - h) Provide any required core drilling /saw cutting including engineering costs associated with omitted or mislocated block-outs, sleeves and openings. Coordinate with all other trades and structural documents prior to installation.

Attachment II

Subcontractor's Scope of Work

- i) Provide shop drawings for all block-outs, sleeves, inserts and openings in structural systems not reflected or referenced on structural documents prior to installation.
- j) Provide and install all hangers, supports, clamps, rods, inserts, imbeds, slides, anchors, braces, platforms and clip angles for ductwork, piping, and equipment.
- k) All hangers, supports, clamps, rods, braces, platforms and clip angles must be of a noncorrosive material and be compatible with the South Florida environment.
- l) Coordinate the hanging of cabling and equipment with subroof contractor and other trades for a combined support system. No equipment or cabling will be installed between precast and subroof.
- m) Provide replacement and/or repair of damaged and/or defective work at no cost to Construction Manager. Construction Manager will not be responsible for pursuing compensation from other trades for damaged and/or defective work.
- n) Review, understand and coordinate the "Sequence of Operations" as it relates to all Life Safety Systems and provide necessary components and / or options for a fully functional system as required by the Contract Documents and / or the Fire Marshall and / or the Building Officials, as it relates to the sports lighting system.

4. Specific Security Systems Scope

1. The Scope includes furnishing and installing the following items. (The intent of listing scope items is for ease of major scope identification and is not intended to be a complete listing of all items that may be required to complete the scope of work as required by the Contract Documents).
 - a) The Scope includes furnishing and installing the following items. (The intent of listing scope items is for ease of major scope identification and is not intended to be a complete listing of all items that may be required to complete the scope of work as required by the Contract Documents).
 - b) Furnish and install all Sports lighting Equipment including LED fixtures, drivers, controllers and distribution equipment
 - c) Furnish and install **all secondary electrical work** form distribution equipment provided by base Electrical Contractor.
 - d) Furnish and install all associated structural "racks" which will be coordinated with Contractor provided Catwalks and Rails. Sports Lighting "Racks" will actually be designed to attach to the front rail for all areas where the Sports Lighting is located.
 - e) Provide all structural components based on required wind loads
 - f) Furnish and install all emergency lighting systems "overrides associated with the Sports Lighting system.
 - g) Construction Manager to review and approve all typical conduit routing prior to installation. Provide "mock-up" for every "typical" installation.

Attachment II

Subcontractor's Scope of Work

- h) Provide and install all required grounding and bonding.
- i) Provide 20 year warranty for all enclosures.

D. Exclusions

1. The following items are specifically excluded from the Work of this Subcontract.

TBD

E. Unit Prices

1. Hunt reserves the right to modify (add or remove) the Work in accordance with the following Unit Prices at the costs noted. Unit prices are valid throughout the duration of the project and include all burden, overhead, markup, taxes, profit, etc.

TBD

F. Alternates

1. Hunt reserves the right to modify (add or remove) the Work in accordance with the following alternate pricing at the costs noted below. Alternate prices shall be valid throughout the duration of the Project and include all burden, overhead, markup, taxes, profit, etc.

TBD