



HUNT Construction Group, Inc. - An AECOM Company
2 Oakwood Blvd., Suite 125
Hollywood, Florida 33020
Phone: (305) 325-0577 Fax: (305) 325- 0765
www.aecom.com
www.huntconstructiongroup.com

Bid Package Breakdown

SUPPLEMENTAL INFORMATION

BP # 19

Date: 9/26/14

BP Name: Technology / Low Voltage Raceway Infrastructure

Bid Package Description: Replacement /modifications of the Low Voltage Raceway Systems

Bid Package Value: \$ 1,000,000.00

Specific Requirements and Scope:

Technology / Low Voltage Raceway Infrastructure (Cabletray , empty conduits) requires a large amount of coordination and firms bidding this work as a Prime must be a firm with experience in large commercial renovation projects.

Specific Skills Required:

Bidder must be familiar with the fast track performance of project and must understand that the Design is ongoing and require consistent coordination with the installation of the low voltage cabling systems.

Risks Associated with this Package:

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

Experience and Licenses Required:

Subcontractor must be a specialized trade contractor that has a license to do this type of work that is required per that budget line item.

Schedule/Performance and Manpower Requirements:

Bidder must be large enough to immediately accommodate any emergency situations that could arise during the performance of the work.

Participants in this package must be responsive to the Prime's direction and schedule needs and must be flexible to provide manpower as needed and when needed.

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)



HUNT Construction Group, Inc. - An AECOM Company
2 Oakwood Blvd., Suite 125
Hollywood, Florida 33020
Phone: (305) 325-0577 Fax: (305) 325-0765
www.aecom.com
www.huntconstructiongroup.com

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 and Safety)

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

Programs:

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 firm located within Miami-Dade County.

Specifics to Line Items:

Cable Tray: The Cable Tray will be purchased and installed by the Prime.

Empty Conduits: The majority of this empty conduit system can be potentially assigned to CSBE Firms.

Fire stopping: This work can be potentially assigned to CSBE Firms.

ATTACHMENT II – SCOPE OF WORK

1. SPECIFICATION REFERENCE:

The organization of the specifications into divisions, sections and articles, and the arrangement of the drawings shall not control the Construction Manager in dividing the work among the Subcontractors or in establishing the extent of the Work to be performed by any Subcontractor.

Reference is made to the following Divisions of Work and Specification Sections which relate to this Scope of Work for coordination purposes, but is in no way intended to limit or alter the intent of the Contract Documents:

<u>SECTION NO.</u>	<u>TITLE and DESCRIPTION</u>	
Division 1	Project Manual Technical Specs [Front End]	
Division 26 spec 260501	Mechanical & Electrical Coordination	09/10/14
260502	Electrical Requirements	09/10/14
260505	Manufactures	09/10/14
260506	Basic Material and Methods	09/10/14
260510	Project Closeout	09/10/14
260526	Grounding and Bonding	09/10/14
260529	Hangers and Supports	09/10/14
260533	Raceway and Boxes	09/10/14
260543	Underground Ducts, Raceways and Manholes	09/10/14
260548	Vibration and Seismic Controls	09/10/14
260553	Identification	09/10/14

2. INCLUSIONS:

It is understood and agreed this **Work** includes all inclusions as described in the following subparagraphs regardless of whether or not they are in the above specifications or any other specification section or shown on the plans.

A. **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.

The Scope includes the following items. (The intent of listing scope items is for ease of major scope identification; it 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). Subcontractor is responsible for all TECHNOLOGY/LOW VOLTAGE RACEWAY INFRASTRUCTURE as indicated in the Contract Documents, including but not limited to;

B. General Technology/Low Voltage Raceway Scope

1. The Scope includes providing general items and services typical to the MEP 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)
2. 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.
3. Coordinate and mark-up all block-outs, sleeves, inserts and openings required in precast on precast shop drawings.
4. Coordinate and mark-up all openings required in masonry walls.
5. 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.
6. Provide any required metal deck openings for roof conduit penetrations. Coordinate with all other trades, structural documents and Hunt prior to installation.
7. Provide UL rated fireproofing assemblies for all penetrations associated with this scope of work. Provide complete submittal of all anticipated applications prior to start of work.
8. Provide and install all hangers, supports, clamps, rods, inserts, imbeds, slides, anchors, braces, platforms and clip angles for ductwork, piping, and equipment.
9. All hangers, supports, clamps, rods, braces, platforms and clip angles must be of a noncorrosive material and be compatible with the South Florida environment.
10. Provide and install all vibration isolation control devices and materials required for isolating conduits from the building structure. This includes all building expansion and noise requirements referenced by the Contract Documents, code and industry standards of similar type projects.
11. Provide and coordinate (lay-out) installation of all access doors required by code, specifications or as reflected on the contract documents. Access doors will match associated finishes and fire ratings. Access doors will be minimized by combined usage with associated contractors determining cost allocation.

12. Provide, coordinate and pay for temporary electrical for AC welding equipment. No provisions have been made for electric welding needs.

C. **Specific Technology/Low Voltage Raceway 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. Provide and install new conduits with pull strings and new aluminum ladder rack cable tray as per the electrical and low voltage plans.
 - b. Provide and install all necessary grounding/bonding as required for cable tray systems.
 - c. Provide demolition and removal of the existing level 000 lower "herring bone" type cable tray that runs the perimeter of the level 000 walkway / tunnel.
 - d. Provide demolition and removal all cable tray at the south 000 level where it runs under the existing structural raker beams that are being removed.
 - e. Provide cable tray (spurs) to all IDF's as located on contract documents.
 - f. Provide all empty raceways from 400 level to canopy structure via concrete columns. Coordinate this installations with structural components.
 - g. Provide and install new conduits to all new food service locations.
 - h. Provide and install new conduits to all build-out areas (clubs, bars, etc.)
 - i. Coordinate, furnish and install all Conduit for new elevator and escalator control systems as required by the Contact Documents.
 - j. Coordinate, furnish and install all conduit(s) for status cabling from new elevator machine rooms, closets or pits to new Elevator Status Panel. Installation of Elevator Status Panel, Cabling and terminations by Elevator Contractor. Provide pull strings in all conduits.
 - k. Coordinate, furnish and install all control conduits for all Videoboards, and Ribbon Boards. Provide pull strings in all conduits.
 - l. Construction Manager to review and approve all typical conduit routing prior to installation. Provide "mock-up" for every "typical" installation.
 - m. Coordinate, furnish and install all required "wiremold" including, but not limited to, junction box rough in for power, empty raceway stubbed above ceiling and at all "wiremold" components. Communications Contractor shall furnish and install data cable and devices only as shown on press level.

