



HUNT
An AECOM Company

HUNT Construction Group, Inc. - An AECOM Company
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Bid Package Breakdown

SUPPLEMENTAL INFORMATION

For Specialty Contractor

BP #: 21

Date: October 3, 2014

BP Name: Augercast Piles

Bid Package Description: Provide Auger Cast-in-place Piles

Bid Package Value:

Specific Requirements and Scope:

Auger Cast-in-place piles are being utilized to support the foundation system of the Shade Canopy. The firms bidding this work as a Prime will be a Specialized Contractor with the necessary experience to provide this type of foundation system in close proximity to the existing Stadium.

Specific Skills Required:

Bidder must have sufficient in-house engineering and equipment capabilities to produce the foundation system specified as well as perform a load test on select piles.

Risks Associated with this Package:

Schedule, schedule, schedule; work must be completed in order that the structural columns will be able to progress. Additionally, subcontractor must perform work without undermining the existing building foundations.

Experience and Licenses Required:

Subcontractor must have five (5) years experience with augercast pile work and have had three (3) prior jobs with augercast piles at least 85' long.

Specialty Contractor and Single Source Components:

Subcontractor must have drilling equipment to provide the piles within tolerances specified.

Schedule/Performance and Manpower Requirements:

Bidder must be large enough to cash-flow the labor and equipment costs of this short duration 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.

Due to the complexity of the bid package, the bidder will be required to Subcontract smaller portions of the project and must have experience in managing and contracting lower tier subcontractors.

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 firm located within Miami-Dade County.

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
 - Section 03 20 00 – Concrete Reinforcement and Embedded Assemblies
 - Section 03 30 00 – Cast-in-place Concrete
 - Section 31 63 16 – Auger Cast-in-place Piles
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2. Subcontractor shall, without limitation, provide auger cast-in-place piles and the test pile program , including all materials, labor, applicable taxes, insurance, permits, supervision, services, inspection, testing, tools, equipment, supplies, fuel, transportation, installation, temporary facilities, clean-up, etc. and all items or services of any kind whatsoever necessary to fully perform and complete Subcontractor's Work. Subcontractor shall pay for all costs of the performance of all its obligations under the Subcontract, even if those costs exceed the Subcontract Price. Other elements that this Subcontractor is responsible to furnish and install include, but are not limited to:
 - a) All Cast-in-place concrete materials, grout, aggregate, admixtures, etc.
 - b) All reinforcing materials, centering devices, reinforcing materials, required for this scope of work are to the responsibility of this subcontractor.
 - c) Subcontractor shall provide all testing equipment, Osterberg Cell (O-cell) load testing materials, and reports for a tension load test(s). Subcontractor shall provide all necessary materials and equipment to perform a lateral load test(s). All materials and testing by subcontractor shall be as required by the Langan "Technical Specification for Augered cast-in-place (ACIP) pile installation and load test program" dated 8 September 2014. If required, additional mobilizations for testing are included.
 - d) All piles will be installed in full accordance with the Contract Documents and the recommendations/requirements of the Geotechnical Report.
 - e) Cut off all piles to the elevation shown on the Contract Documents shall be by this Subcontractor, including disposal of cut-off section.
 - f) Subcontractor shall be responsible for all costs associated with any remedial work required as a result of piling not within tolerance.
 - g) All waste fill material, auger spoils, waste grout, and any other excess or unusable material generated by this Subcontractor's Work and any other excess or unusable material generated by this subcontractor's work shall be removed from the site by Subcontractor and shall be legally disposed of. Subcontractor shall assume all responsibilities and associated costs for any permits required for hauling spoils on city streets. Subcontractor shall comply with all regulations concerning dust control, clean tires, etc., as it relates to the hauling of material.
 - h) Subcontractor shall take all necessary measures to install piles in the exact position specified. Should remedial action be required as a result of auger cast piles not being installed within design tolerance, the cost of the plans, engineering and the direct additional cost of the construction shall be the responsibility of the Subcontractor. Signed and sealed drawings with accompanying calculations will be required as part of the redesign package that Subcontractor must obtain from the Building Structural Engineer of Record.
 - i) Subcontractor shall schedule & sequence its work with all inspection personal.
 - j) Subcontractor shall be aware that pile locations are directly adjacent to the existing Miami Dolphins Stadium and that;

Augercast Piles and Load Test Program

1. Spoils and slurry will need to be continuously removed and existing building protected,
2. Low overhead clearance exists for the drilling equipment and that Subcontractor has factored this into the Subcontract Amount.

3. Subcontractor shall provide Jet-grouting, "cut-off curtain" and/or localized ground treatment at all existing footings as prescribed by the Langan "Geotechnical Engineering Study Report" dated 12 September 2014.
4. Subcontractor shall provide access for Subcontractor's Workforce, both ingress/egress for the duration of its work.
5. Subcontractor shall accept the Site preparation and shall make any and all additional stone placement or other modifications to facilitate the placement of crane(s), shoring, etc. Subcontractor shall provide any additional access roads, staging areas, crane mats, temporary stone, ice removal, water removal, temporary protection, barricades, signage, dust control, protection of existing utilities to remain, safety precautions and/or procedures as required for the completion of this Work and the necessary removals. The Subcontractor shall maintain the Site surface. Subcontractor shall restore, to like condition, the Site following the completion of each construction sequence area of its work. Subcontractor understands and accepts that a number of existing underground utilities are already installed inside and outside the Stadium building.
6. Subcontractor shall review the Geotechnical Reports and all other site improvements and determine conditions on the Project Site and Building Design Load limitations for proper and safe support of all shoring towers, crane(s), etc. during erection operations.
7. Subcontractor shall utilize gas or diesel operated equipment which will be required for the work, etc. No temporary power will be available for this work.
8. Subcontractor shall provide all task specific lighting that may be required for the installation of its Work.
9. Subcontractor shall provide all layout and field engineering required to complete its Work, from control points and benchmarks provided by others.
10. Subcontractor shall review and approve all shop drawings prepared by the Subcontractors detailers, in-house or otherwise. This shall include stamping all drawings with Subcontractor's shop drawing approval stamp prior to submission to Construction Manager.
11. Subcontractor shall provide an Add Alternate price to include the Delegated Design of the Canopy Steel connections. Price shall include all necessary Professional Liability insurances, etc.

BID PACKAGE SBD INFORMATION SHEET

**Miami Dolphins
 Hunt Construction Group
 Date: October 3, 2014**

Bid Package number: BP-21

BP Package Name: Augercast Piles



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Preliminary Outline of Work Scope	Estimate Detail and Scope	CSBE Possible Opportunities	BID PACKAGE \$ Totals	Specialty Contractor Dollars (not included in SBD Program)	Single Source Dollars (not included in SBD Program)	Non Specialty Dollars	Potential CSBE Participation Dollars
Drilling Equipment			2,080,000				
Concrete & Grout		Furnish & Install	730,000				\$245,000
Reinforcement		Furnish & Install	630,000				\$230,000
Permeation Grouting			560,000				\$45,000
Percentage of SBD: 13%			\$4,000,000	\$0	\$0	\$0	\$520,000