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Bid Package Breakdown

SUPPLEMENTAL INFORMATION

For Specialty Contractor

BP #44

Date: February 25, 2015

BP Name: Miscellaneous Steel

Bid Package Description: Furnish and Install Miscellaneous Steel

Bid Package Value:

Specific Requirements and Scope:

This scope includes furnish and install the Miscellaneous Steel. The firms bidding this work as a Prime will need to have the ability to custom fabricate the material and install.

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 five(5) years of experience performing this type of work including the magnitude and schedule conformance.

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.

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



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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, contractor 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 firms located within Miami-Dade County.

Attachment II

BP 44 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-44: Miscellaneous Steel:

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 Miscellaneous Steel Work associated with the Miami Dolphins Stadium Renovation 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
 - Section 05 12 00 – Structural Steel (as it applies to this scope of work)
 - Section 05 20 00 – Steel Joists
 - Section 05 50 00 – Metal Fabrications
 - Section 09 91 13 – Exterior Painting (as it applies to this scope of work)
 - Section 09 96 00 – High-Performance Coatings (as it applies to this scope of work)
2. Subcontractor shall, without limitation, furnish and install, materials, labor, supervision, services, survey, layout, field measurements, tools, equipment, supplies, fuel, transportation, installation, applicable taxes, insurance, permits, 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 Contract, even if those costs exceed the Subcontract Price.
3. Subcontractor without limitation, furnish and install aluminum, steel, beams, columns, tubes, angles, shear studs, metal deck, bracing, bridging, metal deck closure angles/bent plates, adhesive anchors, bolts, loose metals, connections, plates, hardware, shim plates, leveling nuts, grout, slide bearing plates, rollers and pads, bituminous paint, prime paint and/or galvanizing, materials, labor, applicable taxes, engineering, insurance, permits, supervision, services, inspection, testing, tools, equipment, supplies, fuel, transportation, installation, temporary

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4. Subcontractor shall furnish and install all coatings for steel, including but not limited to, blast cleaning, primer, field touch-up, samples, mockups, etc. as required by the Contract Documents.
5. Subcontractor shall furnish and install all composite steel floor deck, accessories, fasteners, flexible closure strips, miscellaneous sheet metal deck accessories, steel sheet accessories, pour stops, girder fillers, rolled-in hanger tabs, weld washers, flat sump plates, shear connectors, galvanizing touch-up paint, etc. as required by the Contract Documents and scope of work as listed in Item #C.3.A.
6. Subcontractor shall provide vertical access for Subcontractor's Workforce, both ingress/egress for the duration of its work.
7. Subcontractor shall provide all temporary bridging, connections and anchors as required to ensure lateral stability during steel joist erection.
8. Subcontractor shall provide Prime paint surfaces for metal deck, trusses, structural steel, joists, etc as required by the above Work description and the Contract Documents.
9. Subcontractor shall erect the Work in a clean condition, acceptable to the Construction Manager, Architect, Developer/Owner. Subcontractor shall include touch-up painting of surfaces after erection. Subcontractor shall be responsible for all paint over-spray. Subcontractor shall clean all steel elements prior to their placement from all mud, dirt and dust, etc. introduced/accumulated on the steel during the ground assembly or erection operation. Subcontractor shall clean all welding slag, rust, etc. from field welded connections (i.e. surface preparation) and touching up of primer at these connections as well as bolted connections and abraded areas of prime paint upon the completion of inspection and testing. Subcontractor shall clean and touch-up paint all "scarred" areas, welds and rust spots on top and bottom surfaces of decking units and supporting steel members and joints. Subcontractor shall prep and paint all unpainted bolts/nuts after inspection. Subcontractor's field touch-up painting shall be performed based upon paint manufacturer's recommendations and the specifications of this project. All paint coatings shall be performed per manufacturer's recommendations and specifications of this project.
10. Subcontractor shall utilize gas or diesel operated equipment for all jobsite welding which will be required for the work, etc. It is understood and agreed that temporary power will not be available for the duration of this Work.
11. Subcontractor shall obtain field measurements prior to fabrication when possible and as construction of structural frame allows.
12. Subcontractor shall review the Project conditions prior to installation of steel and promptly notify the Construction Manager in adequate time so as to allow for the correction of any misplaced elements. Installation of Work shall constitute acceptance of the condition of prior work, by the Subcontractor. Subcontractor is also responsible for providing surveys of erected structural steel as required by the specifications.

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facilities, clean-up, etc. and all items or services of any kind whatsoever necessary to fully perform and complete the following:

- A. Spandrel beams, bridging steel, columns, tube frames, joists, decking, roof opening channel steel, etc. for roof structures at room build-out at:
 - i. 2/S300.05
 - ii. 1/S302.12 (similar condition to occur at 14-line, 37-line, and 46-line at Level 100 – refer to architectural drawings for layout).
 - iii. 2/S302.13 (similar condition to occur at 11-line, 40-line, and 43-line at Level 100 – refer to architectural drawings for layout).
 - iv. 1/S305.12 (similar condition to occur at 14-line, 37-line, and 46-line at Level 400 – refer to architectural drawings for layout).
 - v. 1/S305.13 (similar condition to occur at 11-line, 40-line, and 43-line at Level 400 – refer to architectural drawings for layout).
- B. Removeable Infill Seating and Framing System (1&2/S302.05).
- C. TV Band Support Framing (ref: S302.10, S510.02, and A1/A804) – similar condition occurs at 12-line, 13-line, 38-line, 39-line, 44-line, and 45-line at 100 Level.
- D. 100 Level Bar Frame Structure (ref: S302.10, S510.02, and E1/A822) – similar condition occurs at 12-13 line, 38-39 line, and 44-45 line at 100 Level.
- E. OH Door and Bi-Fold Door Support Steel (1/S510.01 and 1/S510.04 – similar for both conditions).
- F. Elevator Hoist Beam (S420.04).
- G. Wayfinding Signage Soffit Structure at 100 Level (11/S510.03, 3/S510.13 (sim.), and architectural plans for location), including horizontal truss chord, decking, joints, and angle plates. Light gauge framing and finish material by others.
- H. Signage Parapet at Steel Spandrel System at 100 Level (5&6/S510.03, M15/A580, A10/A430, A14/A430, A18/A430 and architectural plans for location – similar in all four quadrants).
- I. Signage Parapet at CMU System at 100 Level (4/S510.03, A14/A430, and architectural plans for location – similar in all four quadrants).
- J. Front Parapet Screen Wall System at 100 Level (1,2,&3/S510.04, A802 and A804 above concession openings designated as “MTL-02A”, and architectural plans for location – similar in all four quadrants). Finish material by others.
- K. Wayfinding Signage Soffit Structure at 400 Level (S305.12 (typ), 1/S510.03, 3/S510.13, 8/S510.03 and architectural plans for location), including tube steel framing, hangers, horizontal truss chord, decking, joints, and angle plates. Light gauge framing and finish material by others.
- L. Parapet screen wall system at 400 Level (16,17,&18/S510.04, J7/A421, A14/A431 and architectural plans for location – similar in all four quadrants). Light gauge framing and finish material by others.
- M. Screen Wall at 400 Level Grids 41 & 42-Line (4/S510.04 and A18/A431). Architectural Metal Panel by others.

References above are indicated to provide definition of terms and are not a limitation of quantity of Scope of Work. Subcontractor shall pay for all costs of the performance of all its obligations under the Trade Contract, even if those costs exceed the Trade Contract Price.

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13. Subcontractor shall furnish and install solid grouting between bearing surfaces and bases or plates associated with the work and the necessary clearing/cleaning of all surfaces per the Contract Documents.
14. Subcontractor shall include the removal of excess mill scale, rust, oil, other agents or dirt which may prevent acceptable applications of sprayed fireproofing, paint or other finishes.
15. Subcontractor shall provide proof of current certification in accordance with the Contract Documents for all welders employed by this Subcontractor doing work on the project.
16. Subcontractor shall provide clear and legible labels, tags, and identification of all structural and miscellaneous steel, joists, deck, embeds, anchor bolts, etc according to specifications. Remove hanging labels and/or tags after the inspection and acceptance.
17. 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 drawings approval stamp prior to submission to Construction Manager.
18. Subcontractor shall furnish all embedded concrete elements to the Concrete Subcontractor(s), unless specifically noted to install. Subcontractor shall provide layout diagrams and templates for the proper setting of embeds.