STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration
DIVISION OF PURCHASES
One Capitol Hill
Providence, RI 02908-5855

Tel: (401) 574-8100
Fax: (401) 574-8387
Website: www.purchasing.ri.gov

December 4, 2013

ADDENDUM NUMBER THREE

RFQ # 7535371

TITLE: CONSTRUCTION OF A NEW FIXED PIER & DREDGING AT FT. ADAMS

Closing Date and Time: 12/12/13 at 1:45 PM (Note Change)

Per the issuance of this ADDENDUM #3 (4) pages, the following change(s) are noted:

Please be advised the Bid Closing Date and Time has been extended:

From: 12/9/13 AT 1:45 PM
To: 12/12/13 AT 1:45 PM

[X] **Specification Change /Addition / Clarification**

Please see the attached.

NOTICE OF ADDENDUM NUMBER ONE (3)

TO

State of Rhode Island
DEM-Planning and Development Contract No. 14-13
Bid Number 7535371
Fixed Pier, Fort Adams State Park
Newport, Rhode Island

DATE of ADDENDUM: **December 5, 2013**

The contract documents are hereby modified to include this document as if fully attached thereto.

Part A – Drawings

Item 1) **Sheet L-2**
Detail 1

DELETE dimension with the following text "8"" and REPLACE with the following:

"12""

Part B - Questions and Answers

1. Several references are in the plans and specifications which reference conditions to limit the release and or generation of turbid water into Narragansett Bay. To this end there is no reference for this as it relates to the dredging. Therefore we are assuming no turbidity curtains are required. Please confirm.

   Turbidity curtains are not required. Please reference Specification Section 02215, Appendix B CRMC Dredging Assent, Dredging Stipulation G.

2. Are the 14" PP for the Concrete dock concrete filled? If so to what elevation?

   The 14" pipe piles shall not be filled with concrete.

3. There is a conflict in the drilling specification vs. note #56 on sheet S16. Spec states advance the pile then drill the interior and continue driving, Note states a predrilled hole of smaller dia. then the pile can be made and pile driven into the predrilled smaller hole. Please clarify. What is acceptable for the contractor to assume?

   We assume this actually refers to notes #5 & #6 on sheet S12. These notes indicate the pile must be driven initially. If it's necessary to drill to advance the pile at some point above the minimum required tip elevation this must be performed through the pile. Further it requires that the diameter of the drill hole is smaller than the outside diameter of the pile. The smaller drill hole diameter is required to ensure adequate frictional capacity is developed along the exterior of the pile shell. We are unsure if added clarification is required based on the reference related to the "drilling specification".

4. What are the capacities required on the 20" pier piles? Same for 14" float piles? This information is required for the WEAP's and hammer type.

   The max vertical compression load on pier pile is 107 kips. There is minimal vertical compression load on the floating dock piles. However, it is anticipated that drivability will govern the WEAP analysis and pile installation for both pile types given the soil conditions and minimum required tip elevations.

5. On Sheet S14 Section thru wave fence what is the bolt holding the bottom of the wave fence panel? Size material?

   The bolt is called out as 1¼" diameter on Sheet S15 at the "Wave Fence Connection Lug" detail. The 1¼" diameter bolt is to be A325 Hot Dipped Galvanized.

6. Please provide elevations of Wave fence pile clamps as shown on S14 Section referenced in above question.

   The "Section thru - Wave Fence Face" on Sheet S14 dimensions the elevation of the wave fence pile clamps as they relate to the top of the upper wave fence support beam. It should be noted that height of the wave fence varies as it approaches shore and the wave fence is designed to account for differing heights by attaching the bottom bracket higher on the pile and correspondingly locating the lower beam as required.

7. We are confused with the details on sheet S17. The concrete floats are the only floats indicated with guide piles, however on this sheet which is labeled "floating finger dock details" indicates details for the timber floats with pile guides. The notes indicate these are moveable fingers so we are having difficulty understanding what the pile details reference as no piles are shown on the timber floats in any plan view. Please clarify.

   As part of the price bid for the work the Floating Finger Docks, shown on Sheet 17, are to be constructed in their entirety (including all connection hardware), and supplied to the Owner for future deployment. The Contractor shall only be responsible for installing dock 1 of 3 for each of the seven finger piers for project conformance. The remaining fourteen finger docks shall be delivered to site at a location to be determined by the Owner. Once they are accepted by the Owner they will be stored landside in the general vicinity of the project at a location to be determined by the Owner. Guide piles shown for the floating finger docks on Sheet S17 are not included in the contract and are meant to provide guidance for future installation of the floating finger docks by others.

8. Drawing C-11 (12 of 21) has been included in Addendum 1, but is not referenced as a modified contract document. Please review.

   The referenced Drawing C-11 is not part of the drawing set and has been included as part of Addendum 1 Item VI attached to Specification Section 02363. This figure is for record boring location only for the attached boring logs.

9. There are two sizes of pipe piles but the specification state that three WEAP analysis' are required. Please clarify.

Only two WEAP analyses shall be required.

10. Can the galv. reinforcing be welded to the sleeve?

    It is intended that fabrication of the steel pile sleeves be completed, including all welding, prior to hot dipped galvanizing the completed assembly for the pre-cast pile cap sleeves. By necessity the galvanized reinforcing, field welded to the longitudinal pile caps (spanning east west-pile series 0.1 to 14.1.), will require grinding off the galvanize coating in the area of the weld prior to welding directly to the 20 inch pipe piles. The disturbed coating area on the pile and reinforcing, affected by the welding, shall be thoroughly cleaned of slag, weld spatter, and any foreign substance and coated with 2 coats of coal tar epoxy, similar to the coating on the pipe pile, prior to placing the cast in place concrete.

11. As is currently detailed on Sheet S7, the precast members with protruding reinforcing will be 14'-5"-wide (shipping). Can we use galv. dowel-bar splicers in lieu of the protruding reinforcing?

    Galvanized mechanical splices will be allowed providing they meet the requirements of ACI 318 and ACI 350 and that they do not diminish the required concrete cover as specified on the plans and in the specifications. The contractor shall submit shop drawings and manufacturer's cut sheets and testing, to the engineer of record, for approval prior to use of any mechanical reinforcing splices scheduled for use in the project.

12. Sheet L2 details the concrete band shown on sheet L1. Detail 1 calls for it to be 8" Detail 4 calls for it to be 12". Please clarify.

    The concrete banding shall be 12" thick. See Addendum 3, Item 1 above.

********** **END OF ADDENDUM NUMBER 3** **********