

HOBOKEN PIER A SUBSTRUCTURE REHABILITATION
HOBOKEN, NEW JERSEY

ADDENDUM NO. 01 - AUGUST 31, 2016

The following shall be made part of the above referenced Bid Documents for the construction of the Hoboken Pier A Substructure Rehabilitation. The changes indicated shall be reflected in the bid costs to be submitted to the **City of Hoboken by 1 P.M. on September 8, 2016.**

SPECIFICATION CHANGES OR CLARIFICATIONS

INSTRUCTIONS TO BIDDERS & STATUTORY REQUIREMENTS

1. Change Section XI. TIME IS THE ESSENCE to read

"The work contemplated under this Contract shall be completed within Three hundred and sixty five (365) calendar days from notice to proceed. The Contractor shall commence the work not later than 20 calendar days after the execution of the Contract. Any Add Alternates performed prior to the Notice to Proceed shall not be included within this Three hundred and sixty five (365) day time limit. The completion time shall include, but not be limited to, the time necessary to prepare shop drawings, to order, process, and deliver all equipment and materials, to obtain necessary permits and approvals, to perform the proper installation contemplated under this contract and all else necessary and incidental in connection with the performance of this Contract. By submitting a bid, the contractor acknowledges that time is of the essence and that time specifications contained within the bid, including without limitation, the date of completion shall be strictly construed. If the Contractor fails to complete the work within the specified time plus any extensions authorized in writing by the City's authorized agent, the Contractor shall be responsible to the City as liquidated damages for the sum of \$5,000.00 per day (Sundays, and legal holidays excepted) for every day thereafter until the completion and acceptance of work. Such liquidated damages shall not be considered as a penalty. The City shall deduct and retain out of any money due or to become due hereunder the amount of the liquidated damages."

APPENDIX C – SCOPE OF WORK00100 INSTRUCTIONS TO BIDDERS

1. Change topic sentence in Section O to read

"The **Displaced Granite Pavers and/or Block Repair** will be based on a lump sum cost for all required repair locations along the deck surface. The work is to include but not limited to:"

APPENDIX C – TECHNICAL SPECIFICATIONS 03311 MARINE CONCRETE, GROUT, AND EPOXY REPAIRS

1. Change Section 1.5.4 Engineering Review to read

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All concrete, epoxy and cementitious grout repairs are required to be inspected at key stages throughout the Work to ensure the Work is being performed in accordance with the Contract Documents. In addition to the Engineer of Record, inspections will be performed, as required, by a Special Inspector, as selected by the Owner's Representative at the discretion of the Owner. The Special Inspector will be a certified ACI Concrete Construction Special Inspector employed by an agency which is registered with the state of New Jersey.

Pile repairs shall be assigned by the Engineer of Record prior to start of the Base Bid construction work. Steel thickness measurements at all four flanges shall be measured at every pile with exposed steel and submitted to the Engineer of Record for review and assignment of repair. The measurements shall be taken a minimum of one inch in from the flange edge in the area of maximum section loss. In addition, the Engineer of Record reserves the right to perform quality inspections to ensure accuracy of submitted data.

APPENDIX E – SECTION 00440 – SUBSTITUTION LISTING

1. ADD Appendix E – Section 00440 – Substitution Listing to the bid package. (See Below)

DRAWING CHANGES OR CLARIFICATIONS

GENERAL

1. Changes noted herein are to be incorporated into the various plans, sections, and details of the Bid Drawings by the bidder. OCC will not be including a revised drawing set with this Addendum Package.

214060-2-G2 – DESIGN CRITERIA

1. Note 5 shall be added to read:

"SPECIAL INSPECTION REQUIREMENTS PER LOCAL AND/OR STATE BUILDING CODES SHALL BE FULFILLED AND WILL BE RETAINED BY THE OWNER AND SHALL BE COORDINATED BY THE CONTRACTOR. THE CONTRACTOR SHALL INFORM THE OWNER OF THE PROGRESS OF WORK AND COORDINATE WHEN SPECIAL INSPECTIONS ARE TO OCCUR SUCH AS TO NOT DELAY THE SCHEDULE."

214060-2-G3 – CONCRETE SPALL AND VOID REPAIR GALVANIC ANODES

2. Note 3 shall be modified to read:

"GALVANIC ANODE "PUCKS" FOR CONCRETE DECK SOFFIT REPAIRS SHALL BE GALVASHIELD XP+ MANUFACTURED BY VECTOR CORROSION TECHNOLOGIES, OR EQUIVALENT ACCEPTED BY THE OWNER'S REPRESENTATIVE."

3. Note 4 shall be removed

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214060-2-G3 – EXPOSED PILE REPAIRS

1. Note 8 shall be removed

PERMITTING CLARIFICATIONS

1. Please clarify the impact of the moratorium on the repairs per NJDEP Permit 0905-15-0009.1, WFD 150001. Can we inspect piles during the moratorium? What work is allowed during the moratorium?

During the moratorium the contractor must ensure that the work performed does not cause water quality degradation. Typically, resuspending significant amounts of sediment or additional sediment movement are the activities of concern. Underwater pressure washing or use of equipment which can cause sedimentation movement or significant noise may be restricted depending on the amount of suspended sediment. The means and methods utilized to perform each task will dictate if the activity is approved. Additionally, the DEP may or may not be in agreement with this interpretation of the moratorium, and, therefore, any work performed, regardless of the Engineers opinion, will be the sole risk of the contractor. It is likely that inspections, concrete encasement topping repairs, anode installation at the base of the piles, if applicable, pile cap repairs, edge beam repairs, and deck repairs would be permitted during the moratorium.

SITE SPECIFIC AND SITE ACCESS QUESTIONS

1. Are there any work hour restrictions, or pier restrictions for personnel?

Work can be performed between 8am and 6pm.

2. Can concrete for pile encasements be pumped from the street using a trailer pump and concrete trucks?

Concrete pumping from the roadway will be possible, and shall be coordinated directly with the City during pre-construction meetings. Contractor will be responsible for the cost of submittals, permits, labor, equipment, materials, etc. associated with Maintenance and Protection of Traffic.

3. If we need to have small things delivered by pick-up truck to the crew, can the pick-up drive on the pier if the timing is coordinated with the City of Hoboken?

Yes.

4. Please show area available for contractor's use on Pier Deck for material storage.

The contractor will not be permitted to utilize the pier deck for material storage.

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5. Please show area available for contractors use for material delivery to all perimeter areas of the pier deck.

Material delivery from the roadway will be possible, and shall be coordinated directly with the City during pre-construction meetings. Contractor will be responsible for the cost of submittals, permits, labor, equipment, materials, etc. associated with Maintenance and Protection of Traffic.

MATERIAL SUBSTITUTIONS QUESTIONS

1. Would the design Engineer entertain the use of a pre-packaged cementitious underwater grout in lieu of concrete?

The Engineer-of- Record will review any proposed substitutions by the contractor. All structural concrete must be tracked with batch tickets, and inspected and tested per ACI and any state regulations during each placement event. Any mixing or batching must be performed per ASTM methods where the water and cement ratios are being precisely measured.

2. Please verify that Shotcrete will be allowed as an acceptable alternate repair technique for all concrete spall repairs.

The Engineer-of- Record will review any proposed substitutions by the contractor. If the contractor proposes Shotcrete as a substitution the following items, at a minimum, will be required. The Engineer of Record will reserve the right to mandate additional requirements at the time of review. The minimum items will include:

- a) Shotcrete placement must be performed by a certified ACI Shotcrete Nozzleman;
- b) This project will require each proposed nozzleman to be approved through a site specific test panel;
- c) The contractor will be required to shoot and test a test panel for each day of placement;
- d) Only dry-mix process will be considered for this project;
- e) Submittal requirement will include, at a minimum, material specifications, shop drawings, and environmental procedures to ensure that rebound will not enter the waterway.

GENERAL QUESTIONS

1. Is there an estimate budget and planholder's list available?

The active bidder list is not available for transmission.

2. Are there Union requirements for the project?

No

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3. *When does the city plan to execute the contact?*

Hopefully within 60 days.

4. *Will the city provide parking passes/areas for the contactor?*

Yes. No parking signs.

5. *What is the budget for the project / Is the project funded?*

Project budget and funding information is not being provided at this time.

6. *Please define the time from delivered pile inspection report to owner direction on type of repair.*

Provided that the data is collected in an Excel file format coordinated directly with the Engineer of Record, the repairs will be assigned as quickly as possible. The repair assignments and the final scope will need to be reviewed and approved by the City and therefore a specific time frame is not provided, but the goal is to provide a response within 15 business days.

7. *Please clarify the sequence of inspection the pier prior to repairs? Is the entire Pier to be surveyed first?*

The inspection will be performed prior to beginning construction operations. Once the inspection is performed all of the repairs will be assigned and the schedule of repairs finalized.

8. *Add Alternate A, Items A-2 and A-3 the non-structural pile encasements and H- pile epoxy encapsulation, both replace Base Bid Items 5 and 6 anodes. Is this an either or; or does the nonstructural go on over the epoxy or should A-3 be "concrete encasement epoxy encapsulation"?*

Proposal B provides three Alternates, A-1, A-2, and A-3, which are alternates for repairs and not Add Alternates. Therefore, these items will replace a base bid item(s), as described in Proposal B. For example, if Alternate A-1 is executed Base Bid Item 3 will be removed from the scope.

9. *Add Alternate B, Item B-1 This looks like the inspection work, is this for all piles or just a quantity and does it include the work for the inspection phase you reference?*

Proposal C Item B-1 – Steel Thickness and Exposed Pile Height (Repair Length) Measurements will include the inspection of all piles listed as "H-PILE ENCASEMENT REPAIR NOT ASSIGNED", "STRUCTURAL H-PILE ENCASEMENT", AND "NON-STRUCTURAL H-PILE ENCASEMENT" in the Repair Schedule on Drawing Nos. 214060-2-S12 through S15.

10. *B-4 displaced granite pavers is there a scope for this lump sum item*

Proposal C Item B-4 Displace Granite Pavers and/or Block Repair shall comprise 3 areas of displacement with an approximate total area of 100 square feet and on displaced granite block.

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11. Please clarify the number of pile locations for base bid item 4

It is the contractor's responsibility to review and quantify the repair schedule provided on Drawing Nos. 214060-2-S12 through S16. It is the Contractor's responsibility to verify and validate the quantity provided by Engineer-of-Record, and any discrepancy found during or after bidding will be the Contractor's responsibility. The quantity of Base Bid Item 4 has been quantified as 347.

12. Please clarify the number of pile locations for alternates A-2 & A-3.

It is the Contractor's responsibility to review and quantify the repair schedule provided on Drawing Nos. 214060-2-S12 through S16. It is the Contractor's responsibility to verify and validate the quantity provided by Engineer-of-Record, and any discrepancy found during or after bidding will be the Contractor's responsibility. The quantity of Alternates A-2 or A-3 has been quantified as 537.

13. Environmental Maintenance Bond form has been included in the contract documents but it is not listed in the Instructions to Bidders Section II. Please confirm that the successful offeror will be required to furnish this bond.

The contractor will be required to furnish this bond.

END OF ADDENDUM

