

SAN FRANCISCO BAY AREA WATER EMERGENCY TRANSPORTATION AUTHORITY

SAN FRANCISCO PIER 9 LAYOVER FERRY BERTH FACILITY

ADDENDUM NO. 2

August 27, 2010

SCOPE

This Addendum No. 2 consists of 5 pages. It includes the following:

1. Corrections to answers given in Addendum No. 1
2. Answers to questions submitted since Addendum No. 1

This addendum has been listed on WETA's web site for review to all potential bidders.

1. CORRECTIONS TO ANSWERS GIVEN IN ADDENDUM NO. 1

Replace the corresponding numbered answers in addendum 1 with the following:

A13: Contractor is responsible for determining deck height of the pier. For design purposes however, as a rough approximation it is 12 ft. above MLLW. (*changed from MLW*)

A14: Contractor's attention is directed to the technical specifications, Appendix SK-1 containing Sheet SK-1, which describes the BCDC public access requirements.

2. ANSWERS TO QUESTIONS SUBMITTED SINCE ADDENDUM NO. 1

The following responds to questions submitted since Addendum No. 1. The numbering continues from Addendum 1.

Q18: Section 02367, Subsection 02367, "Steel Pipe Piles," requires the use of a vibratory hammer to drive the specified piles to the tip elevations shown on the drawings. Based on our experience, we consider that a vibratory hammer is unlikely to impact the forces required. We request that this requirement be modified to allow the use of an impact hammer, with suitable, standard noise suppression measures.

A18: Contractor is required to use a vibratory hammer until refusal. If the tip elevation is not achieved with the vibratory hammer, the contractor may use an impact hammer subject to the restrictions and precautions called for in the project permits.

Q19: Section 024488, Subsection 1.08A, "Steel Floats," requires that the Float Designer/Fabricator have a minimum of five years successful experience in the design and fabrication of similar steel floats (and connecting gangways). Will WETA accept a history of fabrication work, including modification and repairs to steel hull barges and other marine equipment as equivalent fabrication experience?

A19: The Float Designer/Fabricator must have the qualifications required by the specifications.

Q20: Is the product warranty good for one (1) year, or more?

A20: a) General Conditions, Article 2, paragraph 2.10.1 requires a one (1) year warranty period. b) Section 00860, Subsection 1.03.D requires that products and completed operations insurance be maintained for three (3) years.

Q21: Has the Owner's Representative been assigned?

A21: Yes.

Q22: Will WETA assign or has WETA already identified a role for the engineer of record of the existing design drawings?

A22: Contractor's Engineer shall be the Engineer of Record for the project, and shall be responsible for the design of a fully coordinated and complete facility including both design-build and prescriptive components per section 01200 "General Design Build Requirements". Contractor's Engineer understands and agrees that in utilizing the design provided in the plans and specifications for the prescriptive components, the Contractor's Engineer takes on the responsibility for the adequacy of the design and for proper integration of the prescriptive components into the overall facility design. Design modifications for prescriptive components may be submitted per section 01630 "Product Substitution" procedures.

Q23: Are there any specific requirements for exclusivity arrangements between designers and contractors, or can a designer or contractor enter into more than one teaming arrangement?

A23: The agreements between the team members in proposed teams are only of interest to WETA to the extent that the team can and will perform as stated in their proposal. WETA will however, accept only one proposal per prime contractor.

Q24: Can WETA provide an estimated time and cost (fee) for obtaining the Port of San Francisco building permit?

A24: WETA has not developed an estimated time or cost for obtaining a Port of San Francisco Building Permit.

Q25: Will a modular, interlocking, float system be an acceptable method of construction for the ferry layover dock?

A25: Per Sheet C-3, Note 7, Modular steel floats that meet all other requirements of the Plans and specs, may be accepted.

Q26: Will the gangway / access ramp be required to meet current ADA public access requirements?

A26: The gangway / access ramp is required to meet current ADA requirements for crew access but, not for public access.

Q27: Is the existing water and power service (landside) adequate for this project?

A27: We believe that it is.

Q28: Please provide guidance on the zinc anode size (weight).

A28: The sacrificial anode should be designed to last for at least 2 years. Offeror's attention is directed to Specification Section 02367, Paragraph 2.04.

Q29: Will WETA accept a fabricator's service history for similar float systems / dock in lieu of Sea Trials requirements?

A29: No.

Q30: It is requested that WETA consider revising the requirement for a 50 year design life (for the dock and all associated appurtenances) to 30 years or less.

A30: Offeror's attention is directed to Specification Section 01200 paragraph 1.1.D.

Q31: Could you please reveal the existing pipe material to be tapped for the existing 4" water line?

A31: It is ductile iron.

Q32: Would the engineer consider changing the spec for the potable water line to PVC Schedule 80 for cost savings on material and labor? While stainless steel is a good product, unlike PVC it will eventually suffer from corrosion in a salt water environment, and be hard to repair. Also it would be a cost savings on the utilities material and labor.

A32: PVC is acceptable for the potable water, as long as it is protected from UV exposure as specified in Section 02620, paragraph 2.03.A.2 of the specifications.

Q33: Would the Engineer also consider changing the Fire line from Type K copper to PVC Sch. 80 for the same reasons as question 32?

A33: No. PVC Sch. 80 is not acceptable for this application.

Q34: Drawing E-4 and E-1 (description) calls for the electrical substation to be manufactured by "Eaton". The electrical specifications (16400-2) as well as drawing E-1 note #16 call for the manufacturer to be "ESL". Which is the preferred manufacturer?

A34: Either manufacturer is acceptable.

Q35: Ref: Drawing E-3; Could you please clarify the mounting location and height for the safety lights?

A35: The safety lights are to be mounted within the guardrail space at the adjustable ramp deck level approximately 2 feet back from the float edge.

Q36: Ref: Drawing E-3; Could you please clarify the method for mounting the utility pedestal? Would we drill holes thru the float deck or weld something onto the deck for mounting the pedestal?

A36: Weld on to deck.

Q37: Since the fire water is drawn from the potable water system do you want it sterilized also? Or do we sterilize the potable water lines only?

A37: Sterilize both systems.

Q38: Do you want the copper fire line converted to galvanized steel above grade for the fire department connection at the head of the pier for more strength?

A38: Yes with acceptable galvanic isolation between the two metals.

Q39: Would you please clarify the mounting on the floats for the Hose reels?

A39: Welded to the deck similar to Section D/C-7.

Q40: On sheet E-2, Note #3 calls for a 24x30x12 pull box, yet on sheet E-3 the pull box under the walkway is 12x24x8. By code this second box is too small considering you have the same number and size pipes entering the larger box under the pier. Should both boxes be 24x30x12?

A40: Both boxes should be 24x30x12.

Q41: We would like to get your approval to propose and fabricate precast concrete floats for pier 9 in lieu of steel float shown on the contract documents. Our precast concrete float will most likely be in one piece (depending on its final weight).

A41: Proposals must be based on the use of steel floats as specified. Value engineering proposals may be considered by the Owner after award.

Q42: On plan sheet E-2 Note 5 Type G cable 2 conductor #10 with ground is called for. After checking with many major wire suppliers we have been told that it is not made. The smallest G cable made is 3 conductor # 8. Would 3 conductor # 10 SO cord be an acceptable substitute?

A42: Yes, type SO #10 is acceptable as long as it is water and sunlight resistant.

Q43: After looking at the site we noticed a major concrete below slab grade beam that runs under the pier down to just about the water line. This concrete grade beam is located just about even with the building set back. The mechanical piping will require 2 core drilled holes through that beam as well as 2 core drilled holes for the electrical. As far as we can determine there is no possible routing around this beam. To go under it would put the piping in the water at high tide. Thus, will the project Structural Engineer allow the core drilling of this beam?

A43: Yes. The holes shall be in the center 1/3 of the depth and a diameter to just get the conduit/pipe through the beam. Provide 6 inch minimum spacing between holes.

Q44: Can WETA provide the wave height and period used for preliminary design of the float and guide piles?

A44: This information is provided in Spec Section 2488 – Steel Floats, Para. 1.06.C.3 – Environmental Loads

Q45: Will CAD files of the preliminary design drawings be provided to the design-build team?

A45: Yes with caveats and the requirement that a waiver release be signed.

Q46: The geotechnical report states that piles will be driven at least 5 feet into the dense sand. The report does say that below the Bay Mud the site is underlain by very dense sand and stiff clay. In addition to that, it says that there is a potential for encountering rip-rap closer to existing seawall. Section 02367-3.03-B Driving Equipment, indicates the use of vibratory driving hammer to install piling to tip elevations. Due to potential hard driving condition, we believe that vibratory hammer alone is insufficient to install the piles. Will the use of impact hammer acceptable for pile installation?

A46: See answer to Q18 above.

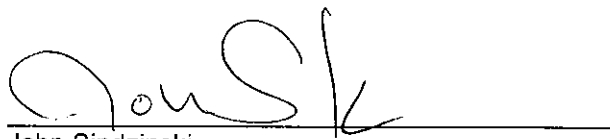
Q47: Regarding Offeror's Qualifications, Experience and References: quite a bit of information is being asked of multiple companies within this one section. Request page limit to be extended to 5 pages per Offeror Entity/Major Participant.

A47: Please refer to Q2 of Addendum 1.

ACKNOWLEDGMENT BY BIDDER

Each bidder is required to acknowledge receipt of all Addenda, including this Addenda No. 2 as specified in the Instructions to bidders.

ISSUED BY:



John Sindzinski
Manager, Planning and Development

8/27/2010
Date