



Procurement Department Bid Office  
Customer Center – 1<sup>st</sup> Floor, Room 002  
21 W. Church Street  
Jacksonville, Florida 32202

October 26, 2018

ADDENDUM NUMBER: Three (3)

TITLE: Construction Services for the Lakeshore Water Treatment Plant (WTP) Rehabilitation

JEA IFB NUMBER: 153-18

BID DUE DATE: ~~October 30, 2018~~ November 6, 2018

TIME OF RECEIPT: 12:00 PM

TIME OF OPENING: 02:00 PM

**THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:**

1. JEA is extending the Bid due date to November 6, 2018.
2. Question: "Are there any specific quality control, experience, or safety qualifications required of the coating applicator for the work scope addressed in Painting section 09850?"  
  
Answer: Requirements are per Specification 09850, 1.05, D.
3. Question: "Cementitious Waterproofing section 07161, section 1.04 places the selection of an experienced installer on the contractor. Do the project documents require any other qualifications (safety, experience, or quality control) for the installer of the cementitious waterproofing? Does the applicator need to be certified by the manufacturer?"  
  
Answer: Per specification 07161, 1.04, A, installer shall be acceptable to product manufacturer.
4. Question: "Painting Section 09850, page 12 and 13 is supposed to be the beginning of the coating system schedule. System A and B are not specified and page 13 at the top is a system without a designated service area. Is there a portion of this section missing?"  
  
Answer: There is no system A. System B starts on page 12 and continues at the top of page 13.
5. Question: "Drawing page SA-08 for Reservoir A has reflective lines representing a Cementitious waterproofing system and a specialty coating system. The Cementitious Waterproofing only reflects a partial portion of the interior vertical walls as the specialty coating system covers the remaining portion of the vertical surfaces. Is it the intent of JEA to split up the interior coating system this way on Reservoir A? Reservoir B reflects only the cementitious waterproofing system being applied on the interior vertical surfaces and underside of slabs."

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Answer: For Reservoir A, the intent is to cover the reservoir from gridline 1 to gridline 4 with the specialty coating system, and from gridline 4 to gridline 10 with the cementitious waterproofing, as shown on the drawings. For Reservoir B, the intent is to cover the reservoir with the cementitious waterproofing, as shown on the drawings.

6. Question: "Do all vertical surfaces and underside of slabs get both cementitious waterproofing system and specialty coating system applied? Please confirm the parts of the reservoir that receive each system for a portion of the specs are not included."

Answer: For Reservoir A from gridline 1 to gridline 4, vertical surfaces and underside of slab receive the specialty coating. For Reservoir A from gridline 4 to gridline 10, vertical surfaces and underside of slab receive cementitious waterproofing. For Reservoir B, all vertical surfaces and underside of slab receive cementitious waterproofing.

7. Question: "Bid Item No. 4 includes shallow concrete repair at 200 SF. Does concrete resurfacing as shown in photos 13 and 17 on drawing page SA-14 and described in 09850 get included in the 200 SF? Or is resurfacing as mentioned get included as part of the specialty coating system and become part of Bid Item No. 6? Please confirm?"

Answer: The concrete resurfacing of photos 13 and 17 on drawing SA-14 is part of the specialty coating system.

8. Question: "Bid Item No. 3 Deep Concrete Repairs is measured in units of SF. What is the expected depth of repair for this item? Is detail 2 of drawing page S-02 the deep concrete repair detail?"

Answer: Detail 2 of drawing S-02 is the detail for deep concrete repair.

9. Question: "Bid Item No. 4 Shallow Concrete Repairs is also measured in units of SF. What is the expected depth of repair for this item? Is detail 3 of drawing page S-02 the shallow repair detail?"

Answer: Detail 3 of drawing S-02 is the detail for shallow concrete repair.

10. Question: "Detail 4 drawing page S-02 with details E and F reflects building out 5" on each side and 5" on the bottom of the concrete beams increasing the size of the beam from its original size. Drawing pages SA-13, SA-14, and SB-10 point out these beams. Is this concrete repair to take place only on the stated quantity on the bid form under bid item number 5? Or does this need to take place on all the beams? If beams are being built out then the associated column should be built out as well to help support the loads. Also there will be a sufficient amount of edges that are created if not performing on all beams and columns. Please confirm the intent of this repair?"

Answer: Beam repair is to be performed on the beams identified on drawings SA-09 and drawing SB-07. It is not required to build out the columns.

11. Question: "Please clarify where the specialty coating is applied. On past projects, the cementitious waterproofing was applied to the entire interior surface of each reservoir with the exception of the special coating areas and floors. From the drawings, it seem both the specialty coating and cementitious waterproofing is required."

Answer: For Reservoir A from gridline 1 to gridline 4, vertical surfaces and underside of slab receive the specialty coating. For Reservoir A from gridline 4 to gridline 10, vertical surfaces and underside of slab receive cementitious waterproofing. For Reservoir B, all vertical surfaces and underside of slab receive cementitious waterproofing.

12. Question: "Would it be acceptable to use a small skid-steer inside the tanks to clean up concrete?"

Answer: Acceptable. Contractor responsible for repairing damage caused by skid steer.

13. Question: "Advise if ground water dewatering is necessary prior to draining the reservoirs."

Answer: Dewatering is not required.

14. Question: "Please provide any available soil borings and geotechnical reports."

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Answer: None available.

15. Question: "Is there a coating applied to the Reservoir A Concrete Topping?"

Answer: No coating is applied to Reservoir A concrete topping.

16. Question: "In reviewing the project specifications, Section 01010 "Summary of Work" #3 (g) states "Replace existing roofing system and access hatch covers" however, we have reviewed Division 7 specifications as well as all notes on Plans provided, specifically Sheet SA-11 and SB-08 that provide light-weight concrete detail that typically would include roofing system in the detail. In addition, we looked to Section 03300 "Cast-in-place Concrete" and Division 9 "painting" for reference to roofing system. The roof replacement details do not appear to have been included in the project. Please advise."

Answer: Existing roofing will be replaced with a concrete topping.

17. Question: "Painting section 09850, paragraph 1.13.B requires a 5-year warranty by the applicator, in addition to the coating manufacturer's warranty. This requirement exceeds the industry standard and other warranty requirement required on the project for the rehab and cementitious waterproofing installation. What is driving this requirement? Please reduce the application warranty to a 1-year period."

Answer: A 5-year warranty period is required as specified.

18. Question: "Please confirm the labor warranty on the concrete rehabilitation work, defined in section 03930, is one year."

Answer: Yes, the warranty period for work covered in this section is 1-year.

19. Question: "Cementitious Waterproofing section 07161, paragraph 1.07.A states 'Manufacturer's warranty is in addition to, and not a limitation of other rights JEA may have under the Contract Document.' What does this statement mean and what 'rights' does the statement refer to?"

Answer: This statement can be deleted, please disregard.

20. Question: "Please confirm if tanks can be drained to the location shown on drawing sheet C-02."

Answer: Yes, drainage through each of the drain lines to the ditch is sufficient.

21. Question: "Would it be necessary to dechlorinate the water before draining?"

Answer: No.

22. Question: "Please confirm if JEA will be providing Builders Risk insurance."

Answer: JEA will not be providing Builders Risk insurance.

23. Question: "Will the General Contractor be required to pay for temporary electricity and water usage?"

Answer: Per specification 01510, 1.02 and 1.03, General Contractor shall be responsible for temporary electricity and water (excludes water for disinfection and hydrostatic testing).

24. Question: "Will the General Contractor be required to pay for the water to refill the reservoirs?"

Answer: Per specification 15995, 3.01, General Contractor shall not be responsible for water for disinfection and hydrostatic testing.

25. Question: "Please find attached letter requesting JEA's approval to use subcontractors to perform over 50% of the work for the subject project."

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Answer: In response to the submitted letter, JEA approves Ortega Industrial Contractors to use Subcontractors or Subsupplier/Shop Fabricators to perform over 50% of the Work.

26. Question: “The testing requirements for the cast-in-place concrete for this project have raised concerns. After speaking with concrete suppliers, they do not believe that the Xpex additive will raise the strength of the mix since it is designed to decrease the porosity of the concrete. Since we have to test trial batches up to 56 days, failing the first test could have a critical impact on the overall project timeline. Please advise the concrete supplier what the test will want to see from the Xpex additive vs. the untreated sample and if we are understanding the testing requirements correctly. Also, this addresses a concern from JEA at the pre-bid meeting that the timeline for this project be strictly adhered to.”

Answer: Trial batches are required to determine the concrete proportions such that the concrete mix reaches the 28-day compressive strength identified in the Specifications. Trial batches are not required for comparison of concrete properties between a mix with crystalline waterproofing additive and without crystalline waterproofing additive. The requirements of the crystalline waterproofing admixture listed in Specification 03300, 2.01, D, 10 shall be demonstrated via documentation from the manufacturer of the crystalline waterproofing.

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