



Building Community®

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

February 8, 2019

ADDENDUM NUMBER: Three (3)

TITLE: District II Primary Clarifier #2 and #3 Rehabilitation

JEA IFB NUMBER: 034-19

PROPOSAL DUE DATE: ~~February 12, 2019~~ February 26, 2019

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 has included an updated workbook. See 034-19 Addendum 3 Appendix B - Bid Workbook
2. JEA has included file 034-19 Addendum 3 Appendix A - District 2 As-built Drawings
3. JEA is updating section 2.5.3:

If the Company fails to obtain Substantial Completion **for the North Headworks** on or before 335 days after date of Notice to Proceed, the Company shall pay JEA the sum of \$500.00 per day for each and every calendar day, including Sundays and Holidays, starting on this day until the date the Work is Substantially Completed.

4. JEA is issuing the following Changes to the Drawings provided in 034-19 Appendix A – Drawings:
 - a. Sheet C-3, Note 2, replace Note 2 with the following:

Contractor shall expose top of pipe every 10 feet and conduct non-destructive testing to determine remaining pipe wall thickness. JEA inspector shall be notified when the pipe is exposed for inspection. Contractor shall provide testing report to JEA for determination of whether to demolish pipe or leave in place. It is only necessary to test the piping between Clarifier 3 and Aeration Basin 3. JEA assumes that the piping between Clarifier 2 and Aeration Basin 3 is in similar condition. This testing shall be done early in Phase 1 of the project so that JEA's review of the testing report is not on the schedule's critical path.

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- b. Sheet C-6, Note 10, add the following to the end of the note:

The excavation plan for these items shall be signed and sealed by a registered Florida Professional Engineer and submitted to JEA as a shop drawing.

- c. Sheet M-6, revise Note 8 as follows:

Change “Schedule 10” to Schedule 40”.

- d. Sheet M-7, add the following Note:

“12. Each hose station shall be provided with a hose as specified in Section 46 43 21 2.03.G”

- e. Sheet S-6, add the following to Note 6.

The Cover Schedule is intended to provide the overall dimensions of areas that need to be covered. However, to comply with the load and weight requirements some of these areas may need to be split into multiple panels. For instance, the North headworks is very similar to the South Headworks. In the North Headworks, the area shown as Cover 1 consists of 3 panels. The area shown as Cover 8 also consists of 3 panels.

- f. Sheet S-7, North Headworks Lower Level Plan, the new door to the electrical building is being deleted.

Delete the Note pointing to the Door
Delete Notes 1 and 2, which pertain to the door.

- g. Sheet E-7, replace Note 8 with the following:

Provide new PuraFil VPSA-201 with the hydrogen sulfide module PK12-OCBU and receptacle. Manufacturer to confirm unit sizing in shop drawing.

5. JEA is issuing the following Changes to the Specifications provided in 034-19 Appendix A – Technical Specifications as listed below:

- a. In Specification 01 11 00, Summary of Work:

Delete Item 1.01.A.5.f – The electrical room door replacement has been eliminated from this contract.

- b. In Specification 01 22 00, Measurement and Payment, Section 1.02.D, Replace Item 7 with the following:

Primary Clarifier No. 2 and No. 3 Piping Rehabilitation – All costs associated with lining the pipes for this project shall be included in these bid items. The bid items are listed in two parts, as follows:

1. Excavation, cleaning, inspection and reporting for CIPP lining – this item includes all the work necessary to provide JEA a condition assessment for the pipes so that JEA can determine whether to proceed with CIPP lining the pipes or not. This includes, but is not limited to mobilization, excavation, cleaning, TV’ing and providing the inspection report. Note that this will need to be performed on both Clarifiers 2 and 3 and at different times depending on the Contractor’s phasing plan.

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2. CIPP Lining – this item includes all the work not included above necessary to CIPP line, test, and restore the pipes. This includes, but is not limited to, mobilization, CIPP lining, testing and restoration of the pipes. Note that this will need to be performed on both Clarifiers 2 and 3 and at different times depending on the Contractor’s phasing plan.
- c. In Specification 03 73 00, Concrete Repair and Rehabilitation, Section 2.04 Spectra Shield Coating. Add the following item F:

2.04.F GML Coatings Green Monster may be used as an additive alternative to SpectraShield. Any reference in these documents to SpectraShield shall apply to Green Monster if it is used. For the bid form, the unit pricing for SpectraShield shall be provided as the base bid. An increase or decrease in the base bid cost shall be listed in the Green Monster Additive Alternate bid item.
- d. In Specification 03 73 00, Concrete Repair and Rehabilitation, Section 1.01B.8, replace the description of Type E repairs with the following:

Type E Patching Surface Holes (such as Anchor Bolt and Handrail Holes)
- e. In Specification 03 73 00, Concrete Repair and Rehabilitation, add the following Section 3.12 to the Specification:

3.12 Repair of Handrail Holes

Contractor and SCRR shall provide proposed repair method for approval as part of the Report they provide to JEA as described in this Specification. At minimum, the repair shall involve removing the embeds 1” minimum beyond the concrete surface and patch with nonshrink epoxy grout to match the existing adjacent structure. Concrete surface preparation shall be in accordance with the product manufacturer’s written recommendations.
- f. Delete Specification 08 11 16, Aluminum Doors and Frames. Replacement of the door has been eliminated from this contract.
- g. In Specification 09 91 00, Section 2.03.A.1, make the following changes:

Add the following sentence to the end of the paragraph in 2.03.A.1.a, “This item shall be an additive alternate as listed in the bid form.”

Add the following sentence to the end of the paragraph in 2.03.A.1.b, “This item shall be the base bid condition.”
- h. In Specification 40 05 59.28, Table in Section 3.02A, for Gate ID SG-05:

Delete the dimensions of 28”x84” and replace it with the dimensions 38”x84”.
- i. In Specification Section 40 27 53 Part 2.07 E.

Change the word “stainless steel” to “316 stainless steel”.

6. JEA is responding to the following questions as shown below:

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Question 1:

Evoqua Water Technologies (formerly Envirex) would like to be named as an approved manufacturer in section 46 43 21 "Circular Clarifier". Evoqua has done clarifier work in JEA for many years and would like the opportunity to bid this project.

Answer:

No change.

Question 2:

Sheet M-2 shows the demolition of (2) 45 degree bends and a spool piece on the 20" influent pipe, the 45's and spool being proximate to the clarifiers. Excavations so close to the clarifiers could undermine these structures. Please specify excavation and backfill procedures at these areas.

Answer:

Note 10 on Sheet C-6 states that this is the responsibility of the Contractor and CIPP company. Please see the modification to this note issued in the Changes to Drawings section number 4 of this Addendum.

Question 3:

Reference Section 400559.28 Copolymer Slide Gates Part 2.02. Alternate bid item is other JEA approved Slide Gates (for UV Exposure). After taking the time to review the JEA wastewater & water standards we were unable to locate "Other JEA Approved Gates". Please provide manufacturers that are approved for the alternate bid item.

Answer:

Please see the Bid Form. There is an Additive Alternate listed for RW Gates for this item.

Question 4:

Sheet S-6 has new SS Channel Covers for the South Headworks. We cannot locate specifications for them outside of the notes on the drawing. Are these covers meant to be fabricated by a metal supplier or are there specific companies that are approved for the covers?

Answer:

There is not a specification other than the notes on the Drawing. These may be fabricated by a metal supplier or provided by a company as long as they meet the requirements listed on the Drawing.

Question 5:

We can't locate specifications on the Manual Bar Screen. Is the manual bar screen included in the Mechanical Bar Screen scope of supply or is it acceptable to be fabricated by any metal fabricator?

Answer:

There is not a specification other than the notes on the Drawing. This may be fabricated by a metal supplier or provided by a company as long as it meets the requirements listed on the Drawing.

Question 6:

Please provide a building permit allowance as the COJ Building Inspection Division was unable to provide a clear answer on costs due to the unusual nature of the work being performed.

Answer:

No change. The cost of permits shall be included in the bid. For information on building permits, call the City at (904) 630-1100.

Question 7:

Is there a cost to the contractor to obtain the JEA Access Badges described in ITB part 2.12.2?

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Answer:

No cost. Contractor will send their employees to be photographed so a badge can be issued.

Question 8:

Specification 01 22 00 part 1.02.D.12 states that “compaction testing, concrete strength, and road repair testing” are to be included as a part of Non-Destructive Testing work item. Please confirm these items will be paid by Bid Item #18 “Testing Allowance”.

Answer:

Yes, these items are included in the “Testing Allowance” Bid Item.

Question 9:

Can the NDT of concrete required in Specification 03 73 00 and NDT or TV'ing of the existing piping called out on Drawing C-3 Note 2 be paid out of Bid Item #18 “Testing Allowance”?

Answer:

No.

Question 10:

Drawing C-3 Note 2 uses the word “or” implying it’s the Contractor’s choice of inspection techniques. Is the intent to include only one or the other in the base bid?

Answer:

We are only requiring the Non Destructive Testing to determine wall thickness. Please see the note revision under Changes to Drawings section number 4 of this Addendum.

Question 11:

Drawing C-3 Note 2 only points to the pipe between Primary Clarifier #3 and Aeration Basin #3. Other notes have multiple leader lines, so it’s necessary for us to confirm if this work only applies to the piping from Clarifier #3 or also should include Clarifier #2. Please clarify.

Answer:

It is only necessary on the piping from Clarifier #3 to Aeration Basin #3. We assume that the piping for Clarifier #2 will be in similar condition. Please the note revision under Changes to Drawings section number 4 of this Addendum.

Question 12:

Drawing C-3 Note 2 tells us to perform NDT every ten feet to determine remaining wall thickness or do a TV inspection. Will a TV inspection provide the necessary information regarding wall thickness to allow JEA to determine whether to replace the pipe or not?

Answer:

We are only requiring the Non Destructive Testing to determine wall thickness. Please see the note revision under Changes to Drawings section number 4 of this Addendum.

Question 13:

Drawing C-3 Note 2 hinges the demolition and replacement of piping on the outcome of the inspection mentioned in the first sentence. Should the removal and replacement of the piping between the Primary Clarifiers and the Aeration Basin be included in the base bid, or will it be paid by Bid Item #19 “SWA”?

Answer:

Yes, it should be included in the base bid.

Question 14:

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Drawing C-7 provides great detail regarding the routing of existing piping at the plant. Please provide as-built elevations for the piping impacted by this project or advise all bidders on an assumed depth of cover for use in bidding purposes.

Answer:

Attached are the 1981 drawings (034-19 Addendum 3 Appendix A - District 2 As-built Drawings) for informational purposes only. The piping elevations shown in these drawings have not been verified by JEA. Refer to Drawing G-2, Note 13.

Question 15:

Drawing E-7 directs the contractor to furnish and install a new Purafil VPSA-201 unit, however no such Purafil model can be found to obtain pricing. Please clarify exactly which Purafil model is required for this project.

Answer:

Contact Eric Jordan at 386-225-5250 for information on the unit. Additionally, please see the note revision under Changes to Drawings section number 4 of this Addendum.

Question 16:

Specification 03 73 00 part 1.01.B.3 through 1.01.B.5 states the Contractor shall utilize a licensed NDT firm and SCRR firm. Please clarify how NDT would be needed or utilized for repair Types A thru F as it's not evident from the specifications. Will NDT be required for all types of concrete repair, or only certain bid items? If not all, please indicate which types or bid items require this.

Answer:

The NDT firm is used to assist the Contractor and Specialty Concrete Repair and Rehabilitation (SCRR) Company in determining the recommended depth of material removal and repairs needed. The resulting recommendations will be submitted in a Report to JEA as stated in Section 1.01.B.5.

Additionally, the Contractors bid shall include the costs associated with the testing identified in Item 1.01B.4 in Section 03 73 00.

Question 17:

Specification 09 91 00 part 2.03.A.1 calls for the manufacture to inspect the existing coatings, then make a determination if the existing coatings should be fully removed prior to installation of new product. As the inspection cannot be performed before bidding the project, should bid prices assume removal of all existing coatings? Please clarify how to proceed with pricing of the work.

Answer:

No, for bidding assume that removal of the coatings is not necessary. Please see changes the Bid Form where we have listed the removal of the coatings as an Additive Alternate.

See Changes to Specifications for clarification.

Question 18:

As described in 01 40 00, paragraph 1.10, can the hydraulic structure leakage test be performed prior to installing the Spectrashield coating?

Answer:

Yes, the hydraulic leakage testing can be performed prior to installing the coating. Coordinate as necessary with the coating installer.

Question 19:

Please confirm that only the North Headworks would require leak testing.

Answer:

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No. The North Headworks, Scum Pits, and Effluent Boxes require hydraulic leakage testing. Refer to Section 1.10A of Specification 01 40 00 for the structures that require hydraulic leakage testing.

Question 20:

Will any alternatives to Spectrashield be provided via addenda?

Answer:

Yes. GML Coatings Green Monster has been added as an Additive Alternative bid item. See Revisions to the Bid Form.

Question 21:

Specification 40 05 59.28 Slide Gate Replacement Schedule, should SG-05 be 28” or 38” wide? It seems that SG-05 should be identical in size to SG-04.

Answer:

Yes. Please see the Specification Change below. Also note Paragraph 3.02 in Specification 40 05 59.28 which requires field verification of slide gate dimensions.

Question 22:

Section 2.5.3 of the contract terms and conditions explains that substantial completion is required on or before 335 days after date of Notice to Proceed, and that JEA’s Acceptance of the Work is to be on or before 510 days after date of Notice to Proceed. Section 2.2.53 of the contract terms indicates that all work other than incidental corrective and incidental punch list work items shall be completed to achieve substantial completion. Section 01 75 16-3 Starting of Systems, and Section 01 77 19-1.02 Contract Closeout explain that all systems and equipment shall be tested and functional to achieve substantial completion. Section 01 11 00-1.08 Summary of Work explains three (3) phases of work. Phase 1 related to the North Headworks rehabilitation, Phase 2 related Primary Clarifier No. 3 rehabilitation, and Phase 3 related to Primary Clarifier No. 2 rehabilitation. Please confirm that all three of these phases need to be fully completed and functional to achieve substantial completion within the 335 days (11 months) described in the contract.

Answer:

For the North Headworks it is 335 days to substantial completion and 365 days to final completion. For Clarifiers 2 and 3 it is 510 days to substantial completion and 540 days to final completion.

Question 23:

If all three phases of work described in 01 11 00-1.08 need to be completed to achieve substantial completion, we would like to suggest extending the 335 days to at least 480 days (16 months).

Answer:

For the North Headworks it is 335 days to substantial completion and 365 days to final completion. For Clarifiers 2 and 3 it is 510 days to substantial completion and 540 days to final completion.

Question 24:

We would like to suggest/recommend that ONLY phase 1 and 2 described in 01 11 00-1.08 be required to achieve substantial completion. This would result in the new North Headworks and new Primary Clarifier No. 3 to be in service and operational as a new process train, providing beneficial use to JEA. It would then push Phase 3 out of the requirement to achieve substantial completion tied to the \$500/day liquidated damages penalty.

Answer:

See: Changes to Solicitation in number 3 at the top of page 1 of this Addendum.

Question 25:

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During the site walk through on 1/23/19 it was mentioned that the clarifiers would need to be water tightness tested. There does not seem to be any specific language in the documents for testing these structures. If water testing is required, please provide specification requirements on what will be used a guideline to achieve an acceptable passing score for this work. Also, if water testing is required for the clarifiers, we recommend an to extend the duration for substantial completion by 30 days for EACH clarifier or 60 days total as this will directly impact the critical path.

Answer:

The Clarifiers do not require hydraulic leakage testing. The North Headworks, Scum Pits, and Effluent Boxes require hydraulic leakage testing. Refer to Section 1.10 of Specification 01 40 00 for the structures that require hydraulic leakage testing and for the leakage testing requirements.

Question 26:

Please confirm that questions/RFI's are due within five (5) business days of the bid opening.

Answer:

Confirmed. You can submit questions within five (5) business days of the bid opening.

Question 27:

Please confirm that the plant drain system can be used to drain the existing clarifier.

Answer:

Yes, however this work must be coordinated with JEA. JEA will operate the valves to drain the Clarifier.

Question 28:

Please provide the sign-in sheet and names of vendors and contractors that attended the pre-bid meeting held on 1/16/19.

Answer:

Please see 034-19 Pre-Bid Meeting Attendees List on this page:

https://www.jea.com/about/procurement/formal_procurement_opportunities/

Question 29:

Section 01 11 00-1.08 explains that JEA will have installed a bypass around the North Headworks prior to commencement of this project. Please confirm that all valving and tie-in points will be included in the bypass by JEA or are already shown on the new yard piping drawing C-6 in order to make a seamless transition from the work associated with phase 2 and phase 3.

Answer:

Correct. JEA replaced certain existing valves that were no longer operable to ensure that the headworks could be bypassed. No new piping or tie-in points were added.

Question 30:

Please confirm that Aeration Basin No. 3 will be drained or isolated by JEA in order to tie-in the new 20" Primary Clarifier #2 and #3 effluent lines shown on drawing C-6.

Answer:

Aeration Basin #3 will be isolated by JEA with a gate while the Contractor performs this work.

Question 31:

Please provide a tie-in detail for the new 20" Primary Clarifier #2 and #3 effluent lines to the existing Aeration Basin No. 3 shown on drawing C-6. The existing feed lines are to be demolished per notes on drawing C-3 so it is unclear if the new lines shall connect to a cut-off portion of the existing lines, or if they shall be installed through the concrete wall with a new wall sleeve or casting.

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Answer:

See Sheet M-2, Section A. There is a callout note on the pipeline that states how to make the connection.

Question 32:

In regard to the Jacksonville Small and Emerging Business requirements, please confirm second tier subcontractors and suppliers that are JSEB firms count towards the overall 5% requirement.

Answer:

See Paragraph 1.2.4

“All questions and correspondence concerning the JSEB program should be addressed to the following contact:

Rita Scott

Manager, JSEB Programs

JEA

scotrl@jea.com”

Question 33:

Please reference spec section 037300-1.01.8, JEA Water and Wastewater Standards Manual section 448, bid drawing S-5, and the provided Bid Workbook. The Bid Workbook lists concrete repair “Type VI Filling Voids and Penetrations Without Reinforcing”. Please confirm that concrete repair “Type VI” from the bid workbook is the same as concrete repair types “Holes (Handrail)” and “Holes (Complete)” referenced on drawing S-5. Additionally, there does not appear to a specification for this repair type, nor is it referenced in the JEA Standards Manual. Please provide a specification for this repair type.

Answer:

The terminology for repairs in the bid form differs from that in the specification and JEA’s Standards Manual. Please see the revised bid form which has been revised to match the specification and JEA’s Standards Manual.

Refer to the Changes to Specifications section that clarifies that Type E repairs cover these items.

Refer to the note on Sheet S-5 on the “Holes (Complete)”.

See the Changes to Specifications section for additional clarification on the procedure for Repair of Handrail Holes.

Question 34:

Please reference spec section 037300-1.01.8, bid drawing S-5, and the provided Bid Workbook. The Bid Workbook lists concrete repair “Type V Patching Holes Less than 1.5 in (such as Anchor Bolt Holes)”. There does not appear to a specification for this repair type. Please provide a specification for this repair type.

Answer:

The terminology for repairs in the bid form differs from that in the specification and JEA’s Standards Manual. Please see the revised bid form which has been revised to match the specification and JEA’s Standards Manual.

Refer to the Changes to Specifications section that clarifies that Type E repairs cover these items.

Refer to the note on Sheet S-5 on the “Holes (Complete)”.

See the Changes to Specifications section for additional clarification on the procedure for Repair of Handrail Holes.

Question 35:

Please reference spec section 037300-1.01.8, JEA Water and Wastewater Standards Manual section 448, and the provided Bid Workbook. The bid specifications and JEA Standards Manual reference concrete

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repair Type A, Partial Depth Repair up to ½ inch. This repair type appears to align with bid workbook repair “Type II Concrete Surface Repairs”. Please confirm that concrete repair “Type II” from the bid workbook corresponds with concrete repair “Type A” from the specifications and JEA Standards Manual.

Answer:

The terminology for repairs in the bid form differs from that in the specification and JEA’s Standards Manual. Please see the revised bid form which has been revised to match the specification and JEA’s Standards Manual.

Correct, this has been revised to be Type A in the bid form.

Question 36:

Please reference spec section 037300-1.01.8, JEA Water and Wastewater Standards Manual section 448, and the provided Bid Workbook. The Bid Workbook lists concrete repair “Type III Concrete Repairs with Exposed Reinforcing”. This repair type appears as if it can be categorized as repair types “B” and “C” referred to in the specifications and JEA Standards Manual. Please clarify which concrete repair type referenced in the specifications and JEA Standards Manual corresponds with concrete repair “Type III” from the Bid Workbook.

Answer:

The terminology for repairs in the bid form differs from that in the specification and JEA’s Standards Manual. Please see the revised bid form which has been revised to match the specification and JEA’s Standards Manual.

This has been revised to be Type B in the bid form.

Question 37:

Please reference spec section 037300-1.01.8, JEA Water and Wastewater Standards Manual section 448, and the provided Bid Workbook. The bid specifications and JEA Standards Manual reference concrete repair Type D, Full Depth Repair Greater than 3 inches, with reinforcing rehabilitation. This repair type appears to align with bid workbook repair “Type IV Concrete Repairs with Replacement of Corroded Reinforcing”. Please confirm that concrete repair “Type IV” from the bid workbook corresponds with concrete repair “Type D” from the specifications and JEA Standards Manual.

Answer:

The terminology for repairs in the bid form differs from that in the specification and JEA’s Standards Manual. Please see the revised bid form which has been revised to match the specification and JEA’s Standards Manual.

This has been revised to be Type D in the bid form.

Question 38:

Please reference spec section 037300-Part 3, and the provided Bid Workbook. The Bid Workbook lists concrete crack repairs “Type I A Crack or Joint Surface Filling” and “Type I B Crack Injection Repair”. For each crack repair type (I A and I B), please clarify if procedure in the bid specifications are to be used for the crack repairs. If the specific crack repair procedures are not listed in the bid specifications, please provide a specification for the crack repair procedure for each crack repair type (I A and I B).

Answer:

The terminology for repairs in the bid form differs from that in the specification and JEA’s Standards Manual. Please see the revised bid form which has been revised to match the specification and JEA’s Standards Manual.

Refer to Section 1.01.B.5 of the Concrete Repairs and Rehabilitation specification (03 73 00), which requires that the Contractor, NDT Firm and SCRR present a report to JEA that includes, among other things, their recommended repair methods for the different types of repairs needed.

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Refer to Part 3 Execution (Sections 3.06, 3.07 and 3.10) of the Specification, which provides minimum requirements for crack repair.

Question 39:

I'm curious what id the coating on Bid Item No. 11u. "Clarifier Wall and Launder Coating System"?

Answer:

Please refer to the Industrial Coatings Specification (09 91 00) for the coating requirements of the various project elements. The Clarifier Walls and Launderers are a Class 2B Exposure and the requirements are specified under Item 2.03.A.1.a.

Please note that the Bid Form is updated through this Addendum, however this item is not affected by the update.

Question 40:

Per note 2 on drawing C-3, states to test these 2 parallel lines every 10' (assume UT thickness testing), to see whether or not existing pipe is found to be in an acceptable condition and can be left in place. Should we allow for the cost of new pipe to replace the existing in the event that the existing pipe fails the NDT?

Answer:

Yes, replacing the piping should be included in the base bid.

Question 41:

Sheet E-11 has one small mention of lightning protection. We cannot locate any other reference to lightning protection in the bid documents. Is lightning protection required for this project? If so what are the requirements?

Answer:

Lightning protection is not required.

Question 42:

Please provide a geotech report that includes groundwater elevations.

Answer:

A geotechnical report from a previous project on this site was provided for reference only as an exhibit in the Specifications.

Question 43:

Section 01 75 16-2 States that Functional Testing is to be a wet test for a minimum period of 8 hours. Section 01 75 16-6 E states contractor to provide water for functional test. Please confirm that a metered potable water source is available on site to fill tank for functional test or if contractor will be required to obtain from another source.

Answer:

Yes. JEA will provide the water source.

Question 44:

Sheet C-4 depicts the tees on the clarifier effluent going down to a deeper elevation. Sheet C-6 shows them horizontally. Please confirm the orientation of the tees shall be per sheet C-6.

Answer:

The fittings are rolled to make the connection.

Question 45:

Please confirm two heavy coats of bitumastic shall be applied to the Corten tee bolts for megalugs per Part 3.02 3. of spec section 40 05 13.53.

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Answer:

Yes, these require two coats per the specification.

Question 46:

Please provide the grade of SSSL required for the valve extension stems referenced in spec section 40 27 53 Part 2.07 E.

Answer:

The valve extension stems shall be 316 Stainless Steel. Please see the Specification Changes Section.

Question 47:

If it is determined that the clarifier effluent pipe shall stay in place, please clarify the routing of pipe that shall be carried in the base bid (sheet C-4 depicts a new tee that connects to the clarifier effluent).

Answer:

The base bid shall be based on replacing the piping.

Question 48:

Please advise if water hoses are required at each hose rack station. Spec section 01 20 00 Part 2.01 B. 1. is the only spec found that references water hoses.

Answer:

Yes, hoses are required at each hose rack station. See Specification 46 43 21 2.03.G for requirements of the hoses. See Changes to Drawings section number 4 of this Addendum.

Question 49:

Note 4 on sheet M-6 calls for schedule 40 316 SSSL pipe and fittings and note 8 calls for schedule 10 316 SSSL pipe and fittings. Please advise if schedule 10 or schedule 40 is required.

Answer:

It shall be Schedule 40. See Changes to Drawings section number 4 of this Addendum.

Question 50:

Unit Price Items – Type VI – 11e, 11m, 11hh Filling Voids all have a unit of measure of EA. 11t is also a Type VI, but has a unit of measure of SF. Please clarify the number of voids in 11t, as their location is not obvious.

Answer:

The terminology for repairs in the bid form differs from that in the specification and JEA's Standards Manual. Please see the revised bid form which has been revised to match the specification and JEA's Standards Manual.

Question 51:

Spec 03 73 00, 1.01.8 Repairs are listed as Type A, B, C, D, E, F1, F2. The Repair Types in the Unit Price Bid Form list the repairs as Type IA, IB, II, III, IV, V, VI. Please clarify which Types match the equivalent Type in each place. Some are obvious, while others are not.

Answer:

The terminology for repairs in the bid form differs from that in the specification and JEA's Standards Manual. Please see the revised bid form which has been revised to match the specification and JEA's Standards Manual.

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