



Building Community®

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

May 19, 2021

ADDENDUM NUMBER: Two (2)

TITLE: Consolidated Rivertown WTP Project Package

JEA IFB NUMBER: 029-21

PROPOSAL DUE DATE: June 2, 2021

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:**

**JEA is providing the following Forms:**

029-21 Addendum 2 Appendix C – Figure 1

**Changes to Drawings:**

- 1. REF: Volume I, Sheet ID-2 – Detail H: Replace Note 1 in its entirety with the following new Note No. 1:**

“1. Lighting fixture shall be LED strip lighting style, installed across the full length of counter”.

**JEA is responding to the following questions as shown below:**

- 1. Question:**

REF: Geotechnical Report Par. 6.5 - Can we use excavated sandy material for structural fill beneath structures if it is free from organic material?

**Answer:**

Soils used for backfill need to meet the requirements listed in the Section 310515 for specific soil material. In general, the materials excavated within the upper 10 feet of the subsurface profile consist Unified Soil Classification System (USCS) designations of SP and SP-SM soils, which meet the requirements for structural fill per Section 310515 Paragraph 2.1.C. However, the Contractor is responsible for segregating any materials unsuitable for structural fill including organics, (PT), SC, SM, and other.

- 2. Question:**

REF: Section 011000 Summary – Are there any work restrictions when working in the Longleaf Pines R/W?

**Answer:**

Refer to Part 2, Volume IV-A (Technical Specifications), Section 011000, Paragraph 1.9, Work Restrictions.

- 3. Question:**

REF: Volume I, Sheet C-3 – Confirm if the sewer FM is 2” or 4” diameter PVC. Plan sheet says 2” and bid form says 4”.

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**Answer:**

Part 2, Alternate Bid Item No. 18 refers to 275 LF of 4-inch gravity sewer to discharge the HSP wastewater to a “Developer installed sewer connection,” which may be installed in the near future.

Part 2, Alternate Bid Item No. 20 refers to a sanitary grinder pump station and approximately 625 LF of 2-inch force main to discharge the HSP wastewater to the existing wastewater force main on the west side of Long Leaf Pine Parkway. Refer to Part 2, Volume IV-A (Technical Specifications), Section 011000, Paragraph 1.5.C.2 and 1.5.C.3, Work Covered by Contract Documents, for additional description regarding these two bid items.

**4. Question:**

REF: Volume I, Sheet ID-2 – Detail H shows the requirement for cabinetry with sliding door & lighting as well as a reagent shelf. Are there any specifications available for these items?

**Answer:**

Refer to **Figure 1** for basis of design analyzer station. Installation at Rivertown WTP shall omit sliding doors and provide open access to piping. Countertop shall be 5’-0” long, stainless steel with integral backsplash in accordance with specification 123553 “Metal Laboratory Casework” and shall be centered under analyzer panels, starting no less than 12” off of the edge of door frame for door DA-100A. Angled support brackets to be provided as required. Mounting height and depth shall match countertop as shown in Control Room, sheet A-9. Under counter lighting to be LED strip lighting style, installed full length of counter. Reagent shelf basis of design is Kewaunee Fixed Wall Shelving, bracket model shall be M-0038-0A or equal and shelf material shall be epoxy resin with minimum dimensions of 6” deep and 12” inches long. Contractor shall submit custom layout during shop drawing review for Engineer and Owner review and approval prior to fabrication.

**5. Question:**

REF: Section 434143 – Who is responsible for the cost of filling the tanks with sodium hypochlorite?

**Answer:**

Chemicals for the full operating test will be furnished by the Owner. Refer to Part 2, Volume IV-A (Technical Specifications), Section 463342, Paragraph 3.2.B.a.

**6. Question:**

REF: Solicitation, Par. 2.10.12 and Permitting/Regulatory Status – Confirm what St. Johns County permit cost will be for this project. It is unclear looking on the SJC website which permits are required and what the total fee will be to the bidding contractors.

**Answer:**

Refer to the permit matrix, posted on the JEA solicitation website (labeled “029-21 Appendix C Permitting Status”) for a list of the permits anticipated and the responsible party for each permit required. For the St. Johns County Permits, prospective bidder shall refer to the Development Review Manual and contact St. Johns County to assess applicable permit fees required to pull the permits. A link to the Development Review Manual and St. Johns County Contact information is included below.

<http://www.sjcf.us/DevelopmentReview/DRManual.aspx>

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**7. Question:**

In the Geo report, there are two options on how the ground storage tank is to be preloaded. One is filling the tank with water before it is piped; the other is surcharging the area with fill before it is constructed. Which are you going to accept?

**Answer:**

As discussed in Section 434163 Paragraph 1.1.C, the geotechnical report was provided as an appendix for information purposes. The Contractor shall refer to Sheet M-2 Note 7 for the requirements of the preloading program.

**8. Question:**

In over excavating any of the pads/tank will you require the backfill to be #57 stone instead of structural fill and to what depth should that be? (the full depth of the over excavation?)

**Answer:**

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As shown on the structural drawings including but not limited to Sheet S-4, S-7, S-8, and S-9, the backfill below the structures shall be structural fill placed and compacted in accordance with the requirements of Section 312000 "Earthwork." Should the Contractor elect to use No. 57 stone in lieu of structural fill, the crushed stone shall be wrapped in filter fabric to prevent migration of fine sands and fine-grained soils (i.e., clays and silts) into the stone, and the crushed stone shall be compacted to a firm, unyielding condition in maximum 12-inch-thick lifts.

**9. Question:**

I cannot find anything in the specs or Geo report about whether Well Site No. 3 should be over excavated or the depth of the existing topsoil/unsuitable soil?

**Answer:**

Based on the Geotechnical Report, the only unsuitable materials found at the two offsite wells were at the Well No. 2 site. The Well No. 3 site does not require over excavation. Topsoil encountered on Well Nos. 2 & 3 sites shall be removed per specification Section 31 10 00 – Site Clearing in the Part 2 (Volume IV-B) – Wellhead Mechanical Facilities specifications.

**10. Question:**

Well site No.2 has a set of plans showing what is considered to be a Phase Two. Does well site No. 3 have a phase two?

**Answer:**

The Part 1 – Production Well Drilling drawings have site prep details for Wells Nos. 2 & 3. The Part 2 (Volume 2) – Wellhead Mechanical and Facilities drawings have final site details for Wells Nos. 2 & 3. The Part 2 (Volume 1)– Water Treatment Plant drawings have final site details for Well No. 1.

**11. Question:**

It seems Well sites 2 & 3 have already been cleared and graded except for the new ponds. Please clarify.

**Answer:**

Wells Nos. 2 & 3 sites have not been cleared or graded. This work is included in the Part 1 – Production Well Drilling drawings.

**12. Question:**

If the proposed Ground Storage Tank area has to be undercut, the future GST would need to be the same, particularly if they are bringing the future tank to the proposed finished grades. I have looked in the docs and cannot find anywhere where they say it has to be undercut, backfilled and surcharged? Or does the future GST contractor worry about that? Can some light be shed on this?

**Answer:**

The future ground storage tank (GST No. 2) design will need account for its foundation preparation (not included in this project). For the proposed ground storage tank (GST No. 1) in this project, the Contractor shall refer to Sheet M-2 Note 7 for the requirements of the preloading (i.e., surcharge) program.

**13. Question:**

Is the asphalt paving/driveway area supposed to be over-excavated/undercut also?

**Answer:**

Over-excavation and/or undercutting is not required for pavement areas unless unsuitable soils are encountered. Refer to drawing C-6 for plant access driveway and perimeter road typical section and drawing CD-3 Detail D for heavy duty concrete pavement detail.

**14. Question:**

Item C on sheet 2 of Spec Section 01 01 00. I can't seem to find the correct drawings (C-3 and S-1, Sheet Pile Wall) for C.2. Were these items named before drawings changed? Also Item C.3. Temporary access road, should we include cost for removal and restoration of this access road area?

**Answer:**

Sheets C-3 and S-1 are included in the Part 1 Design Package Drawings, which includes the temporary access road work. The temporary access road will be converted into a permanent access road, as shown in the Part 2, Volume II Drawings,

Sheet 3-C-2. The contractor is responsible for all work pertaining to the access road in accordance with the design documents.

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