

To: All Plan Holders of Record

From: CT Consultants, Inc.  
For the Owner

**Re: *Addendum No. 2***  
***Coffee Creek WWTP Improvements***  
***Ashtabula County Board of Commissioners***

Date: November 8, 2023

This Addendum forms a part of the contract documents and modifies the original bidding documents dated October 2023 and all previous addenda, if any. Acknowledge receipt of this addendum in the space provided in the bid forms. Failure to do so may subject the bidder to disqualification.

## **PLANS**

On Sheet 75 **Replace** the Utility CT cabinet and meter with a 480 volt self-contained meter and source side 400A non fused meter disconnect.

## **QUESTIONS AND ANSWERS**

Q1. The fence removal and new fence limits do not correlate. Please correct.

**A1. Some of the existing fence shall not be removed as shown on 01C-02 but only as required for new work.**

Q2. The gas line is not shown on the Site Piping Plan (01C-05). However, the zoomed in areas show gas (and in two different colors). Please clarify what gas is new and add to the overall site plan. What is the significance of the red gas piping?

**A2. The gas lines are shown on the Site Piping Plan, sheet 01C-05. Existing gas piping is shown light and new gas piping is shown dark. On the Plans, sheet 01C-06, the existing gas piping is shown red in color, which is a drawing irregularity. See also “Gas Service/Meter Details” on sheet M-01, and “Mechanical Plan” on sheet M-04, for additional information on gas piping work.**

Q3. There is no misc. metal specification. Please provide.

**A3. Lintels are masonry beams and are indicated on sheet SD-S-06. No miscellaneous metal specification is required.**

Q4. Lintels for the Headworks Building are called out on the architectural pages but not referenced on the structural. Please correct.

**A4. At openings, masonry beam schedules are indicated on sheet SD-S-06.**

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Q5. Is the 1 cy roll-off container Owner supplied?

**A5. Yes**

Q6. Is the Headworks grating aluminum or galvanized? Both are referenced.

**A6. Aluminum**

Q7. What material is the manual bar screen?

**A7. 304L Stainless Steel**

Q8. Support angles as needed on 20D-01 are needed. Please provide details of connections and sizing. Also, incorporate the needed supports for the valve pedestals. These cannot be supported by 1.5" aluminum grating.

**A8. DIP base tee fittings shall be provided for valve supports. Delete stem support note from section C.**

Q9. New and or old handrail is not completely shown on 25D-01 and 25D-02 (namely around the clarifiers). Please address.

**A9. The existing clarifier handrails (incorrectly illustrated) are to be replaced and are identical to the proposed clarifier handrails.**

Q10. The nomenclature of the Series 30 tanks is all over. Namely, are the extensions at the end Aeration Tanks with a roof as shown on 30A-01 the same as the clarifiers shown on 30S-01?

**A10. Yes**

Q11. Is the physical Sludge Building part of the base bid and ONLY the equipment part of the alternate?

**A11. It is not in the Base Bid. See Prices to Include Alternates items 1 and 2. The Base Bid is everything detailed less the Add Alternates. Section 011100 list of 12 items describes the project generally. Delete item 13 regarding Alternates.**

Q12. Are the new sludge tank blowers part of an alternate?

**A12. No**

Q13. Where does the sheet piling specification get installed?

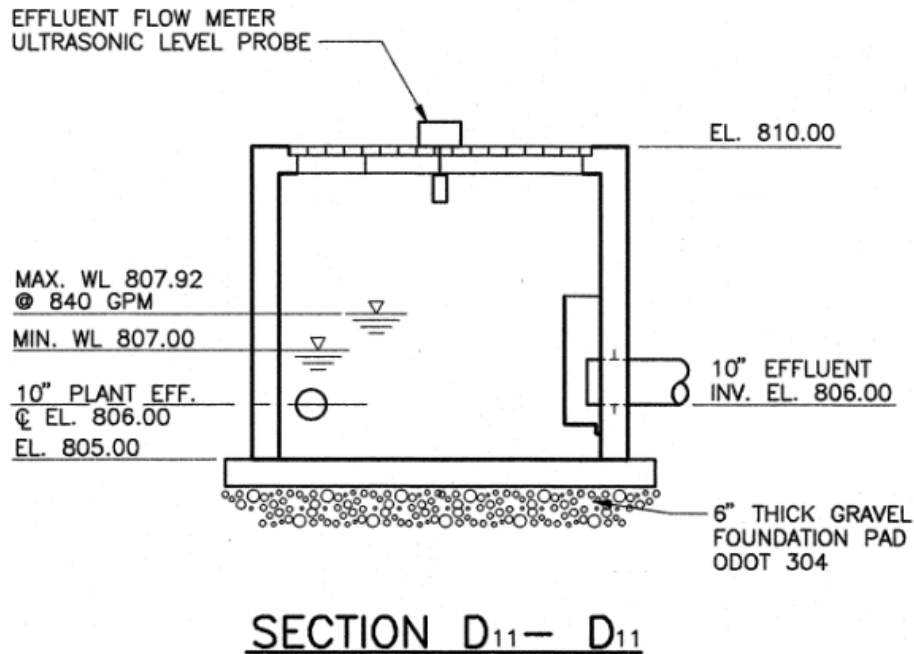
**A13. Next to the bar screen room to protect the water tank. See site plan. Contractor shall retain an Ohio PE structural engineer and submit support details and calculations. See note on Sheet 01C-05**

Q14. There is no asphalt shown. Please address the limits.

**A14. A Paving Plan will be provided in Addendum 3.**

Q15. There are no cross sections for the NPW pump location. Please provide depth, etc.

**A15. Pump to be installed in meter vault. See sheet 40D-02 and the following sketch.**



Q16. Please elaborate on the sequencing of the old and new filters. Can the building be gutted and completely taken out of service for construction?

**A16. Yes**

Q17. How is the work in the sludge building intended to be completed while keeping wastewater operations in service?

**A17. The County will use the sludge drying beds.**

Q18. Not all the submersible pumps can be located. There are 7 specified. We can find two at the pump station, two at the existing EQ Tank, one at the new sludge holding tank (we think two are specified in this location) and one at the Filter Building for NPW.

**A18. There are 2 sludge transfer pumps. One in the new SHT and one in the existing west train aeration tank to be used temporarily as a SHT.**

Q19. What are the alternate pricing sheathing limits? Are the gables included in the alternate?

**A19. All four sides and gable ends.**

Q20. SH 33 lists all work as Alternate #1. This is not correct.

**A20. Alternate No. 1 includes the corrugated fiberglass panels, purlins, stud framing and sliding door and track. All information needed on Sheets 31, 33 and 34. This is to include both new and existing tanks.**

Q21. Please provide the grit tank rebar design.

**A21. See Addendum 1. Structure shall be precast and manufactured in accordance with Section 434163**

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Q22. Please provide the splitter box rebar design.

**A22. Structure shall be precast and manufactured in accordance with Section 434163**

Q23. Please show which masonry bond beam is required at each opening (SH 33).

**A23. Masonry bond beam designations are indicated on the structural drawings.**

Q24. Who is responsible for the special inspections in regards to building permits? Will the contractor still be required to perform compaction and concrete testing?

**A24. The County (CT Consultants) Sheet SD-S-02. Contractor is responsible for all 013319 Field Testing requirements.**

Q25. I do not see an allowance listed. Will there be an allowance on this project?

**Q25. For Systems Integration which is included in the Base Bid. See Prices to Include.**

Q26. Is the contractor responsible for any fees for CT's contract administration/inspection?

**Q26. No**

Q27. Sheet 40D-02 Section A references and equipment pad detail on ## (#####). Please advise the correct sheet.

**Q27. See Detail 9 on sheet 59 SD-S-04**

Q28. Can you provide details on the excavation retention system for the head works building versus the water tower?

**Q28. Support shall be by Contractor.**

Q29. I don't see any asphalt/concrete/stone paving on the plans. Is the site to be left in kind upon completion of the work?

**Q29. Paving Plan attached.**

Q30. Is there a pipe material schedule?

**A30. Pipe materials shall be DIP C1 52 cement lined MJ or Push On joints when buried and flanged when above ground, with the exception of the following. NPW and chemical lines shall all be SCH 80 PVC, air lines shall be stainless steel, storm sewers shall be RCP Class III and gravity sanitary sewers between manholes shall be SDR 35 ASTM 3034 PVC.**

Q31. Can you confirm that the motors for the screening/solids handling equipment need to be explosion proof? The panels are called out as explosion proof, but Or-Tec could (not?) tell for the motors.

**A31. Drive motor shall be explosionproof. The control panel (located in the new blower building) is NEMA 4X not explosionproof. The compressor (also located in the new blower building) is not XP.**

TEV:mep

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