



Addendum #1

TO: All Bidders

SUBJECT: Coleman Road Forcemain Replacement

FROM: LEA

DATE: March 6, 2020

Invitation to bid for the Coleman Road Forcemain Replacement project is hereby amended with the following clarifications and responses.

1. Section 1.05 of specification 01720 "Record Documents" has been revised to clarify as-built requirements. Bore logs with elevations for all direction drilling sections are required. A line item will be added for record documents in the unit cost schedule.
2. All NPDES monitoring and inspections are the contractor's responsibility. A line item is already included for the in the unit cost schedule.
3. Permits with GDOT will be obtained by Lowndes County for the Hwy 133 and I-75 crossings.
4. Pavement replacement on the open cut on Flythe Road across from the pump station will require black dyed concrete replacement.
5. Spoil material from horizontal directional drilling or jack and bores will need to be disposed of offsite by the contractor.
6. ARV #5 will be moved to station 164+80. With this shift, no ARV's will be located within the flood plain.
7. The notes on the structural drawings for the wetwell are revised as indicated below:
 - a. REFERENCE SHEET S7.3, SECTION 033000, PART 3 EXECUTION, PARAGRAPH 3.12.E7a FIELD QUALITY CONTROL: Delete in its entirety. Replace with "Cast and laboratory cure two sets of two 6-inch by 12-inch or three 4-inch by 8-inch cylinder specimens for each composite sample."
 - b. REFERENCE SHEET S7.3, SECTION 033000, PART 3 EXECUTION, PARAGRAPH 3.12.E7b FIELD QUALITY CONTROL: Delete in its entirety



- c. REFERENCE SHEET S7.3, SECTION 033000, PART 3 EXECUTION, PARAGRAPH 3.12.E8a FIELD QUALITY CONTROL: Delete in its entirety. Replace with "Test one set of laboratory-cured specimens at seven days and one set of laboratory-cured specimens at 28 days."
 - d. REFERENCE SHEET S7.3, SECTION 033000, PART 3 EXECUTION, PARAGRAPH 3.12.E8b FIELD QUALITY CONTROL: Delete in its entirety. Replace with "A compressive-strength test shall be the average compressive strength from a set of specimens obtained from the same composite sample and tested at age indicated."
 - e. REFERENCE SHEET S7.3, SECTION 033000, PART 3 EXECUTION, PARAGRAPH 3.12.F FIELD QUALITY CONTROL: Delete in its entirety.
 - f. REFERENCE SHEET S7.4, SECTION 312000 EARTH MOVING, PART 2 PRODUCTS, PARAGRAPH 2.2A CONTROLLED LOW-STRENGTH MATERIAL: Delete "[,low-density] ."
8. The 9" Parshall flume packaged metering manhole shall be provided with the following specifications (specifications were coordinated with Plasti-Fab, the County will consider approved equals):
- a. Invert to grade 13'-10"
 - b. Traffic rated cone top (lid by others)
 - c. FRP hinged lid w/ T-316 stainless steel gas struts
 - d. 6'-0" diameter barrel, resin-rich white internal corrosion liner and premium grey gel-coated exterior
 - e. Fiberglass ladder
 - f. 2" fiberglass threaded conduit tap
 - g. Integral staff gauge marked in feet and centimeters
 - h. FRP grating
 - i. Inlet and outlet adapter with 24" nominal diameter pipe stub
 - j. Two slip flanges for 24" diameter pipe
 - k. Adjustable stainless steel ultrasonic mounting bracket
9. What wall thickness is required for the 36" steel casing?

Answer: Per GDOT requirements, steel casing shall be capable of supporting 2200 psf at 48 inches minimum depth. This equates to a casing thickness of 0.375 inches.

10. It appears that you have a 60 amp service at the utility pole feeding a 400 amp disconnect. Please verify

Answer: Plans should show a 400 amp service at the utility pole.



11. Please confirm that you do want fused disconnects to the 90 hp pumps.

Answer: Yes, fused disconnects are required to the 90 hp pumps.

12. Will the existing pump station and force main remain in service after the new pump station is online? If not, are there any requirements for abandoning the existing pump station and force main?

Answer: The pump station will not remain in service after the new station is online. The existing wetwell will remain as secondary backup storage to the new wetwell. The existing pumps shall be turned over to the county. The existing forcemain will be abandoned in place.

13. The pump station plan calls for Class 250 plug valve and Class 250 Oil cushioned check valve, which means the flanges will be drilled to class 250 bolt pattern. In the specifications it calls for the plug valve to be rated for 150 psi and the check valve to be outside spring and lever and ANSI 125 flanges, which are 150# bolt patterns. Please clarify bolt pattern and check valve spec.

Answer: This project will require class 250 valves and corresponding bolt patterns.

14. Will HDPE require a green stripe?

Answer: Yes.

15. Please clarify the size of the air release/vacuum valves. The detail calls for 24x4 tee with 3" standpipe and ARI D-023 SB. The specifications (seems) to state 2" valves and lists Apco and Val-Matic. Will an isolation valve be required for the air release valves?

Answer: A revised ARV detail is included with this addendum. These are bigger ARV's than the standard specifications. The HDPE tee will need to be 4" to maintain a minimum inside clearance of 3".

16. Ref. Sheet C-56 24" gravity sewer. Is the 24" gravity sewer connecting to the existing manhole or is it connecting to a stub out?

Answer: The existing manhole will be removed and a stubout will be provided for future connection with a cap.



17. Note on Sheet C-56 states "Contractor is to line all existing manholes...."
Which manholes are to be lined?

Answer: The only existing manhole to be lined is the existing discharge manhole.

END OF ADDENDUM