ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS
FOR

TOWN OF BRANFORD, CONNECTICUT
BRADLEY & HEMLOCK PUMP STATION PIPING MODIFICATIONS

CONTRACT NO. 41

NOVEMBER 13, 2019

GENERAL

The following changes and additional information are hereby made part of the Contract Documents:

QUESTIONS AND ANSWERS RECEIVED THROUGH DATE

Question 1: How long is the existing force main pipe for the Bradley Pump Station?
Answer 1: Approximately 350 LF

Question 2: How long and what diameter is the existing force main for the Hemlock Pump Station?
Answer 2: Approximately 3,000 LF 8" dia.

Question 3: The photo on Figure #4 of the Bradley Pump Station indicates the underground electrical service may be close to the new underground force main pipe. Can a drawing be provided of the location of the existing underground electrical service location?
Answer 3: No information is available.

Question 4: The photo on Figure #4 of the Bradley Pump Station indicates the new underground force main will pass under an existing paved sidewalk and an existing chain link fence. Is the contractor responsible for costs to restore the paved sidewalk and fence back to the existing condition?
Answer 4: Yes

Question 5: The photo on Figure #2 of the Bradley Pump Station indicates the existing flow meter is to be demolished. Is the contractor responsible for disconnecting the existing electrical and signal wiring from the existing flow meter?
Answer 5: Yes

Question 6: Figure #5 of the Bradley Pump Station indicates the new flow meter is to be installed on the pipeline. We have the following questions on the flow meter:

Question 6a: Is the contractor responsible for providing the conduit and wiring for the new flowmeter?
Answer 6a: No.

Question 6b: Is the contractor responsible for the programming of the new flow meter?
Answer 6b: No.

Question 6c: Is the contractor responsible for providing factory start up services for the new flow meter?
Answer 6c: No.

Question 7: In specification section 01030 subsection 1.06 H on page 01030-3 it is noted that the paint and concrete at the Bradley Pump Station may contain PCBs. Is there any PCB paint at the Hemlock Pump Station?
Answer 7: No.

Question 8: The photo on Figure #4 of the Bradley Pump Station indicates the existing underground force main pipe is coming out of the building on the right front side of the building, but after our field inspection we found that the existing force main pipe is coming out of the building on the left hand front side, just under the entry doorway into the building. To remove the existing force main pipe the existing 5' x 3' concrete entrance landing will have to be demolished. Will we have to replace the concrete entrance landing? If we do have to replace the pad can a detail be provided on the replacement pad?
Answer 8: Yes. See attached detail.

Question 9: Will building permit fees be waived?
Answer 9: Yes

Question 10: Has there been an extensive hazardous materials survey?
Answer 10: No

Question 11: Is the GC responsible for removing all noted hazardous materials or only those impacted by new work?
Answer 11: Only those impacted by new work.

Question 12: Is there an existing bypass connection?
Answer 12: There is a bypass connection at the Hemlock Pump Station, but not at the Bradley Pump Station.

Question 13: During bypass pumping, does the GC need to have 24-hour supervision?
Answer 13: No, but it must be operational for 24 hours as specified and alarms shall be monitored and addressed 24 hours per day, 7 days a week.

Question 14: Does the new interior piping need to be painted? Is there a specification?
Answer 14: The new interior pipe shall be painted with two coats of Tnemec Series 66HS Hi-Build Epoxoline as specified in Section 15100-2.01-A-2.

Question 15: In reference to the contract completion time, the lead times on the valves, in particular the surge relief valve may be extensive. Will you consider extending the completion date?
Answer 15: Yes, if sufficient evidence can be provided.

Question 16: Is there a common influent manhole that we can suck out of for bypass pumping? What is the depth of the manhole? How long are the force mains before they turn to gravity? What is the diameter of each force main?
Answer 16: There is a common manhole or wet well at each station to pump from for bypass piping. The depth of the manhole at the Bradley Pump Station is approximately 16 feet 6 inches to the flowline, and the depth of the manhole at the Hemlock Pump Station is approximately 15 feet. The Bradley force main is 8 inches in diameter and is approximately 350 feet long. The Hemlock force main is 8 inches in diameter and is approximately 3,000 feet long.

Question 17: In reference to Section 01030 1.02 A.5, is there a site drawing for the Bradley Pump Station showing all the existing underground utilities?
Answer 17: No.

Question 18: In reference to Figure 2, it appears that there is electrical work associated with the flowmeter removal and installation. Are there drawings and specs available for the electrical work and specs for the proposed flowmeter?

Answer 18: The existing flowmeter shall be demolished by the contractor, and a new flowmeter shall be installed. The Owner will provide the electrical work for the flowmeter which is specified in Section 15100-2.04.

Question 19: Section 01030 1.06 H states to assume PCB paint inside the Bradley Pump Station although Section 00200 4.03 says hazardous environmental conditions are not anticipated. Please advise which is correct.

Answer 19: Bidders shall assume there is PCB paint inside the Bradley Pump Station and dispose of it properly.

Question 20: Will this project need to be presented to inland wetlands in regard to excavation at the Bradley Pump Station?

Answer 20: No.

Question 21: In reference to section 02602 1.05 B, what is the peak, average and minimum flows at each pump station?

Answer 21: As specified in Section 02602-1.05-B, the pumps at the Bradley Pump Station are capable of pumping 1,000 gpm @ 70 feet and the pumps at the Hemlock Pump Station are capable of 500 gpm @ 200 feet. The average and minimum flows are significantly less but are not quantified.

Town Engineer
Town of Branford