

ADDENDUM NO. 2
TO
CITY OF AUBURN, MAINE
ASH LANDFILL LEACHATE FORCEMAIN
May 26, 2017

This addendum amends and /or supplements the bid documents as indicated below. Only these items alter the bid documents. Any verbal discussions or responses are hereby declared null and void. Please acknowledge this addendum on the Bid Form.

Clarifications to the Bid Documents:

The following changes have been made to the Bid Documents:

Question: Please clarify what is required for the Contractor to directional drill more than what is proposed on the plans.

Answer: The Contractor may select to directionally drill more than what is proposed on the plan. The location of the proposed force main, horizontally and vertically, will need to be maintained as shown on the plan. A drilling plan will need to be provide and approved by the Engineer. Clearing, grubbing and restoration of the construction corridor will still be required.

Question: Are there Maine Turnpike Authority permit fees for the Contractor to cover as part of this project?

Answer: MTA has stated there will be no fee to the Contractor for the Work Permit due to this being a City project. The Contractor will need to provide a schedule, traffic control plan, etc. as part of the Work Permit.

Question: Can you clarify if there is proposed work within the railroad right of way.

Answer: The proposed work is outside of the railroad right of way.

Question: Can we make substitutions for parts relating to the pump station and control panel?

Answer: The District would allow the Modicon parts to be substituted with the following:

- 1 - Allen Bradley Micrologix PLC Part # 1766-L32BXBA
- 1 - Allen Bradley Analog Module Part # 1762-IF2OF2
- 1 - Allen Bradley Micrologix Cable Part # 1761-CBL-PM02

Distributors: Horizon Solutions, Scarborough, ME; Northeast Electrical Distributors, Quincy, MA

Calamp Guardian Radio Part# 140-5016-500 Distributor: Martindale Associates, Haverhill, MA (978) 372-2120

Antenna, Polyphaser, Antenna Cable, Tessco Technologies, 1-800-472-7373 or www.tessco.com

The Hydroranger shall control the pumps under normal conditions. The float switches will provide High and Low level alarms as well as backup level control. Please provide electrical schematics for the control panel.

Minimum I/O required:

Analog Input: Wet Well Level, 4-20ma

Digital Inputs:

1. Control Power Failure
 2. Pump 1 in Auto (Contact on HOA selector)
 3. Pump 1 Running (Aux contact on starter)
 4. Pump 1 Motor Overload (Contact on overload relay)
 5. Pump 2 in Auto (Contact on HOA selector)
 6. Pump 2 Running (Aux contact on starter)
 7. Pump 2 Motor Overload (Contact on overload relay)
 8. Hydroranger Flow Totalizer Output Relay
 9. Hydroranger Loss of Echo Output Relay
 10. High Level Alarm (Aux contact on float relay)
 11. Low Level Alarm (Aux contact on float relay)
 12. Alarm silence pushbutton
 13. Emergency Stop pushbutton pressed
- Remaining Digital Inputs are spares, wired to terminals

Digital Outputs:

1. Pump 1 Running Pilot Light
 2. Pump 1 Fault Pilot Light
 3. Pump 2 Running Pilot Light
 4. Pump 2 Fault Pilot Light
 5. Alarm Strobe
 6. Alarm Buzzer/Horn etc.
- Remaining Digital Outputs are spares, wired to terminals.

Please feel free to add additional I/O points if necessary.

We would accept 22mm selector switches and pilot lights in place of the 30mm in Note 22.