

TOWN OF AVON, CONNECTICUT

INVITATION FOR BID

RIVERDALE FARMS SANITARY SEWER PUMP STATION UPGRADES

20/21-8 – ADDENDUM ONE (1)

Date: May 13, 2021

This addendum is issued in response to questions raised by interested vendors, for clarifications, and to extend the Bid opening date to **Friday, May 21, 2021 at 11:00 AM.**

Clarifications:

Item 1 – revision to bid spec:

Please delete Item: 1.01-A-8 section in SECTION 20 00 00 – PROCESS CONTROL AND INSTRUMENTATION

And replace with:

“For the new SCADA system, NIC will be ~~installing~~ providing a new electrical enclosure panel (48” H x 36” W x 12” D) in the existing electrical and controls building for housing a new communications PLC and an existing cellular modem. The specifications for the new SCADA system components provided by NIC are not covered in this specification. The points list to be passed is included in this section. The site contractor shall coordinate with NIC and Flygt to provide all interconnection wiring.

For clarification, NIC doesn’t install the control panel, conduits or field wiring. NIC only provides the panel (and the engineering/programming).

Contractor shall provide all wiring into the NIC control panel. All wiring needing to be terminated in the NIC Control Panel shall be labeled and rolled up with sufficient length inside the control panel to be comfortably terminated by NIC prior to startup.

NIC will perform all terminations in the Control Panel using wire already provided into the control panel.

NIC will perform the startup of the Control Panel with coordination and assistance from Flygt, the electrical contractor and the GC. NIC and Flygt will coordinate integration of SCADA points.

ADD:

NIC shall provide the intrinsically safe barrier for Spec Section 20 00 00, Item 3.8 LIST OF POINTS, A- Parameters Monitored that are from ancillary devices and equipment other than the Flygt

MultiSmart Controller: Item 7 “ALARM-Wet Well High Alarm (From a dedicated float directly wired to the NIC SCADA PLC dry-contact input, totally separate from the Flygt MultiSmart Controller PLC)”: The GC shall be responsible for providing and installing the Flygt Float switch, the SS bracket for hanging the float and the float wiring.

Item 2 – Addressing sewage flows during retrofit

It is the contractor's responsibility to manage sewer flows to the station during the entire project and to protect from overflows even when work is not being performed. The Town is not dictating how the flows are to be managed, but will assist the selected contractor within the plan they present.

All Bidders are to provide a detailed plan to illustrate how they intend to meet the requirements of the project. This plan will be one of the criteria used to select the contractor.

Questions by Prospective Bidders and Answers:

Q.1 How can we schedule a site visit?

Answer: Site visits may be scheduled with Tim Foster – he can be reached at (860) 409-4322.

Q.2 What is the GPM requirement for the bypass pump?

Answer: The two existing pumps are 3.7 HP and pump at a max rate in that configuration of approximately 175 gpm. On rare occasions they run simultaneously. Bidders are to provide their intended means and methods to accommodate addressing sewer flows during the retrofit.

Q.3 Number of manholes for bypass pumping-Assured of the North manhole, but is East manhole and inlet into pit active and part of bypass pumping system?

Answer: See Q2 and Item 2 above.

Q.4 How are the new exhaust fan and new electric heater being controlled...switch, thermostat?

Answer: Thermostat.

Q.5 Will building permit fees be waived?

Answer: Yes.

Q.6 What are the limits of pipe replacement shown on drawing ME-502?

Answer: The contractor is responsible for installing the 4" pipe and 90 degree elbow indicated as new in the elevation detail. All other piping is existing to remain.

Q.7 Who is responsible for independent testing fees?

Answer: The contractor is responsible for any independent testing fees and should carry this in their bid as a separate line item.

Q.8 Do we need to provide 1 primary bypass pump with 1 back-up or 1 pump only?

Answer: See Q2 and Item 2 above.

Q.9 Who is responsible for the costs with NIC?

Answer: The Town is contracting directly with NIC and will be paying them directly. However, it is the selected contractor's responsibility to coordinate their work.

Q.10 Is there a designated area where we can stage our bypass pumps?

Answer: See Q2 and Item 2 above.

Q.11 What is the minimum, average and peak flows at the pump station?

Answer: The design flow for the pump station is 200 gpm.

Q.12 If flows aren't high enough for pump start-up who will be responsible for providing water?

Answer: The contractor.

Q.13 We have the following questions on the sewer bypass plan.

- a. Do we base the temporary bypass system on the flow rates of the new pumps, 200 gpm at 70 feet of head?
- b. Do we provide a dual bypass pump system with one primary pump and a standby pump?
- c. Do we need to provide an alarm system with a cellular phone call system?

Answer: See Q2 and Item 2 above.

Q.14 Is the Town of Avon waving the building permit fees for this project?

Answer: See Q5 above.

Q.15 The SCADA system is provided by NIC as noted on page 20 00 00-8 section 2.11, is the Town of Avon paying the cost for the SCADA system including connection and start up?

Answer: See Q9 above.

Q.16 Is the contractor responsible to pump out and clean the existing wet well? If yes, can we dispose of the material at the local WWTP? When was the last time the wet well was cleaned?

Answer: The contractor is responsible to pump out and clean the existing wet well during construction of this project. The contractor shall utilize Simsbury WPCF for this task.

Q.17 Is the Town of Avon paying for Eversource electrical connection fees?

Answer: Yes, for work that only Eversource will do.

Please note that all other terms and conditions appearing in the original Invitation for Bid remain unchanged. Vendors are asked to sign, date and return this sheet **along with their bids** in order to verify their receipt of this addendum prior to the submission deadline. Please fill out all sections below in order to ensure that your response is considered complete.

Name: _____

Title: _____

Company: _____

Address: _____

City	State	Zip Code
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Telephone: _____

Date: _____