

FAUQUIER COUNTY

WATER & SANITATION AUTHORITY

7172 Kennedy Road • Vint Hill Farms

Warrenton, Virginia 20187-3907

Phone (540) 349-2092 • Fax (540) 347-7689



**SALEM EX3 & EX4 Project
June 17, 2020 @ 2:00 pm
Pre-Bid Meeting Questions**

1. What level of sound attenuation is required for the stand-by generators?

66 dba at 23 ft Sound Enclosure

2. Does FCWSA have any drawings on the location of the existing waterline from Rectortown Road to Salem Well #4?

No, unfortunately we do not have any drawings on this waterline as it was an emergency install to meet capacity issues in the public water system as a result of reduced yield from existing groundwater wells in Marshall.

3. Can FCWSA provide a copy of the recorded easement plat and well lot for Salem Well #3 and #4 for information purposes?

Yes, see attached Deed Book 1546 Page 1271-1302.

4. What type of connection is required to connect the proposed 4" DIP from Salem Well #4 to the existing waterline along Rectortown Road?

Sheet C2.02 (plan view) of the Salem Wells Ex4 Infrastructure Plan requires the installation of a tee and 3 gate valves.

5. Does FCWSA have any as-built drawings of the existing waterline along Rectortown Road?

The best available data is an attached map completed in May 1989, which shows a 6" PVC along Rectortown Road from the railroad tracks to the now abandoned Owens Well. Please be advised that the map should not be used for construction purposes. It is the responsibility of the Contractor to determine the actual location of all existing utilities prior to starting any work that may cause damage to such utilities. If the exact location and depth of existing underground utilities are unknown, the Contractor, prior to beginning construction, shall perform all necessary exploratory excavation to locate these facilities which may affect the Work.

6. Who is responsible for the SCADA installation at the well sites?

SCADA installation is a separate contract between FCWSA and their contractor, Dorsett Technologies. Dorsett will supply the cabinet that will need to be installed by the Contractor. In accordance with Sheet E2.01 of the Infrastructure Plans, the Contractor's Electrician is responsible for pulling wiring with labels inside the panel of the SCADA cabinet.

7. What is the scope of work that the Contractor is responsible for in regard to supplying electrical power to Salem Well EX3 based on the NOVEC Electrical Drawing dated May 14, 2018?

Contractor to install underground PVC conduit from NOVEC Pole P/S 5 to each pull box identified on the Electrical Drawing and terminating at the Transformer P/S 11. Total length of underground PVC conduit is approximately 1,750 feet. Underground conduit to be installed in accordance with latest edition of the NOVEC Electrician's Guide. NOVEC is responsible for pulling wire through PVC conduit installed by Contractor.

8. Attachment L (page 55 of 61) in the PER shows the location of the proposed power feeding Salem Well EX4, is the contractor responsible for running a new conduit there for the new power service or is the existing conduit sufficient?

No, the contractor is responsible for electrical work as specified in the contract drawings and specifications. The power for Salem Well #4 is supplied by Dominion Virginia Power, which is different from Salem Well #3 supplied by NOVEC. Unlike NOVEC, Dominion will provide and install all necessary conduit/wire for the primary extension of underground power to the utility transformer at the well site. Attached is the Right-of-Way Agreement with Dominion Virginia Power for reference purposes showing the 10-foot easement for the new underground conduit/wire to be installed by Dominion.

9. What type of signal from SCADA is required for the Chemical Feed Pumps?

On and Off

10. Is Certa-Lok an acceptable alternative for the drop pipe?

Yes, Certa-Lok drop pipe is acceptable and can be used as an alternative to the material identified in the contract plans and specifications.

11. Light Fixture inside the building is discontinued, can contractor use manufacturer replacement?

Yes, the contractor can use an approved equal.

12. Currently there is an existing access road off of Rectortown Road to Salem Well #4. Can the contractor spot repair and install gravel as needed along the existing access road or is the Contractor responsible for installing gravel along the entire access road in accordance with the plans and specifications?

Gravel shall be installed along the entire access road to Salem Well #4 from Rectortown Road in accordance with the Contract Drawings and Specifications.

13. What type of pressure transmitter is required to monitor levels in the wells?

USABluebook Slim Submersible Level Transmitter

14. Please clarify if the Owner or the Contractor is responsible for QA/QC inspections of geotechnical work associated with the project?

Contractor is responsible for all QA/QC Inspections.

15. Who is responsible for disconnecting and reconnecting service lines along the proposed waterline along Route 55? Can the service lines be extended from the existing lines to the new water main?

The Contractor is responsible for disconnecting services from the existing main along Route 55 and reconnecting water services to the new water main. In accordance to FCWSA detail WM-01, the service line between the water main and the meter shall one continuous piece of pipe. No joints will be permitted. The Contractor is responsible for notifying all owners and residents of homes or businesses whose service line will be affected by the work. Interruption of service to end users shall be minimized to the maximum extent practical.

16. Is the concrete floor slab for the well houses a precast structure to be manufactured by Smith Midland Corporation or cast in place?

The concrete floor slabs for each well house shall be cast in place in accordance with the details on sheet S1.00 of the Infrastructure Plans and the contract specifications. No precast floor slab is permitted.

17. Can the contractor use the manufacturer CP&P to supply the well house buildings or are they required to use Smith Midland?

As per the contract specifications, please use Smith Midland Corporation.

18. Is there an Engineer's Cost Estimate for the project?

The cost estimate from the Preliminary Engineering Report dated May 12, 2017 is attached.

19. There appears to be no dismantling joints or a fitting that will give you play in order to disassemble the above ground piping for maintenance or installation. Is there a standard fitting FCWSA prefers?

Yes, the standard specifications and approved manufacturers for field installed restrained flange adapters is listed in the Utility Standards Manual Appendix D of the FCWSA Approved Materials List (see page 8).

20. Attachment H (page 44 of 61) in the PER includes Pulsatron chemical feed pumps but the drawings specify LMI feed pumps, which manufacturer shall we provide?

LMI is the required manufacturer for chemical feed pumps.