FAUQUIER COUNTY
WATER & SANITATION AUTHORITY
7172 Kennedy Road • Vint Hill Farms
Warrenton, Virginia 20187-3907
Phone (540) 349-2092 • Fax (540) 347-7689

OPAL PUBLIC WATER SYSTEM IMPROVEMENTS

RFP Number 25-C-04-0258

ADDENDUM NO. 2

APRIL 29, 2026

The following information is provided to help Offerors submit a Proposal in response to RFP Number 25-C-04-0258.

1. **Please clarify that the Owner accepts generator status of all known and unknown pre-existing hazardous material and will sign transportation manifests as such whether shown in the documents or not, to be removed under this contract.**
    a. Reference 00700 4.06 as adjusted by 00800 SC-4.06. Adjusted 4.06. A reads, "No reports or drawings related to Hazardous Environmental Conditions at the Site are known to Owner." Section 00700 4.06.C addresses the potential event where a previously unknown Hazardous Environmental Condition is uncovered or revealed, and sets the framework where CONTRACTOR secures site, stops work, and notifies OWNER among other requirements. CONTRACTOR shall also reference 00700 1.01.A.32 (including parts a, b, and c) for the definition of Hazardous Environmental Condition.

2. **Will the Contract time to Substantial & Final Completion be extended if Alternate No. 1 is selected? Please clarify.**
    a. No

3. **I don't see a section detail for the proposed concrete surrounding the proposed 12'x20' Well House (Sheet W-C301). Please provide.**
    a. See SECTION 330516.13, subpart 1.3 and 2.1. Contractor shall submit Virginia PE Sealed and Stamp design in accordance with criteria provided under this section.

4. **Reference Dwg. W-C302. No Spec found. Please specify the 200 Gallon Bladder Tank required.**
    a. Bladder Tank shall be ANSI/NSF 61 Certified Amtrol Surge-Trol tank Model #SPT-28-275-SG R or approved equal.

5. **Reference Dwg. W-C302. No Spec found. Please specify the Eye Wash Station to be used.**
    a. Unline Model H-10735 Emergency Shower/Eyewash Station - Stainless Steel or approved equal, rated for:
        Shower Head: 20 gallons per minute
        Eyewash: 3 gallons per minute
    b. Working Water Pressure: 0.2 - 0.8 MPA (Megapascal)

6. **Reference Dwg. W-C302. Is the Eye Wash Station intended to drain to the Chemical Storage Room floor? Please clarify.**
    a. Yes

7. **Reference Dwg. W-C501 and W-C507. Plans call for 3/8" thick casing for the jack & bore locations. Spec Section 3300507 Trenchless Installation of Utility Piping calls for 8mm or .312". FCWSA Approved Materials List calls for 1/2" minimum wall thickness. Please confirm the wall thickness for the jack and bore casing.**
    a. Use 1/2" minimum wall thickness per FCWSA Appendix D Approved Materials List of the Utility Standards Manual.

8. **The Contract Drawings indicate an underground communication line running generally parallel to the proposed 12- inch water main, with apparent conflicts at multiple locations; however, the alignment, depth, and full extent of this utility do not appear to be fully defined or verified. Please clarify whether the shown utility information is accurate and complete, whether relocation, protection, or adjustment of this and any other conflicting utilities is included in the Contract scope, and who is responsible for associated design, coordination, and costs. Additionally, confirm that any discrepancies between indicated and actual utility locations, as well as impacts from utility conflicts (including delays, redesign, or relocation), will be treated as a Differing Site Condition and eligible for additional compensation and time.**
    a. It is our understanding Verizon has a buried copper cable that runs along the vegetated right-of-way of Opal Road (i.e., westbound shoulder) that may conflict with the proposed 12-inch water main at multiple locations. A future addendum #3 will be posted once further information is gathered to confirm the extent of this utility conflict and the responsibility of the Contractor for coordination, protection and relocation of this communication line.

9. **On sheet G101 A. General Notes, note #6 states " THE SEDIMENT AND EROSION CONTROL INSPECTOR HAS THE AUTHORITY TO ADD OR DELETE SEDIMENT AND EROSION CONTROL MEASURES AS NECESSARY IN THE FIELD AS SITE CONDITIONS CHANGE." Will added erosion control measures be paid via change order?**
    a. Contractor shall erect adequate E&S Control measures to the satisfaction of the County E&S Inspector at no additional cost to the Owner. The Owner shall not seek credit for E&S control measures deleted by the E&S control Inspector either.

10. **Will Owner accept unit price items for unknowns (rock, undercut, dewatering)?**

a. All Earthwork shall be unclassified in accordance with Specifications Section 312000 1.1B and 3.3A.

11. Will Owner allow allowances for high-risk scopes (tank foundation, conflicts with utilities, erosion control)?

a. No. Owner has provided reference materials and opportunity for site visits in accordance with Article 4 of the Instructions to Bidders for Construction Contract. By submitting Bid, Contractor has satisfied themselves with site conditions, and levels of risk.

12. Please confirm what type of existing (8") pipe is located at/near STA 0+50 on Sheet W-C501. (i.e. DIP or C900)

a. Best available data indicates existing 8" water line along Lee's Mill Road to be ductile iron pipe. Contractor required to test pit to confirm pipe material, size, location, and depth prior to beginning construction.

13. For connection to the existing (8") pipe, can Contractor assume that FCWSA will temporarily shut off the water line? Or is this connection to be made under a live tap?

a. A shutdown will be required in order to install the tee and 3 gate valves as shown on the approved construction plans. The Contractor shall coordinate all water main shut-offs and water service interruptions with the Utility Owner's Project Manager and Inspector at least 7 business days in advance of the planned shutdown. No valve operations, fire hydrant use, or interruption to service shall occur without prior written authorization from the Utility Owner.

14. Reference Dwg W-G101, under C. WELLHOUSE & SITE NOTES, Item 8.1 states the CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING APPROPRIATE PIPE FITTINGS. Please specify what piping or tubing size, material, and schedule is required for the suction and discharge of the various chemicals.

a. The Tubing size, material, and schedule shall be determine by the Chemical Feed pump manufacturer's recommendations listed under Equipment Schedule on Sheet G102.

15. Reference Dwg W-C302, the PLAN VIEW of the Wellhouse. A 200-Gallon Sodium Hypochlorite Tank is shown in the same containment area as a 55-Gallon Barrel of Sodium Hypochlorite. Please clarify if there is any interconnecting piping between the two tanks or fill piping. If so, please specify what piping or tubing size, material, and schedule.

a. No. There is no Interconnection between the Hypochlorite storage tank and the 55-gallon barrel.

16. Does the 200-Gallon Sodium Hypochlorite Tank require any nozzles? If so, please clarify type and size.

a. The 200-gallon sodium hypchlorine shall be an Assmann model ICT200 (36) (see attached specifications) or approve equal complete with 2-inch drain, 2-inch vent, manway cover, and fill-line for connection for hypochlorite transfer from mini-bulk

delivery tanker. Owner shall use a portable transfer pump to transfer from the 200-gallon tank to the 55-gallon drum.

17. **Should the 200-Gallon Sodium Hypochlorite Tank be vented? If so, please clarify type and size.**
    a. Yes, please see response to question #16 above.

18. **Reference Dwg W-C302. The 6in Static Mixer calls for 4 Inlets in the PLAN VIEW. The elevation view (Section 5/W-C302) only call for 2 Inlets. Please clarify.**
    a. Static Mixer shall have 4 inlets for caustic, ortho, and chlorine chemical additions along with an additional spare.

19. **Reference Dwg W-C302. Please clarify the piping/tubing configuration to the static mixer inlets. Are injection quills, static tubing, ball valves, check valves or piping direct to the inlets required. If so, please specify what size, material, and schedule.**
    a. All 4 Static Mixers Injector, ball valves, etc., are Integral to the Westfall model 2800 Static mixer. The tubing size shall be dictated by the Chemical Feed pump manufacturer as indicated in the Equipment List on Sheet G102.

20. **Reference Dwg W-G101, under C. WELLHOUSE & SITE NOTES. Please clarify that Items 8.4, 8.5 and 8.6 are to be turn over to the Owner, that there is NO requirement to storage the meters onsite.**
    a. Yes, Items 8.4, 8.5. and 8.6 and warranties shall be turned over to the Owner. Owner shall verify that all items are in good working conditions before acceptance.

21. **Reference Dwg W-G101, under C. WELLHOUSE & SITE NOTES, Item 8.11. MAKEUP WATER. Please specify the size and material for the 20 Foot Hose.**
    a. Nickel-Plated Brass Threaded GHT Male × Nickel-Plated Brass Threaded GHT Female
    b. 100 psi @ 72° F Max. Pressure
    c. ¾” x ¾” Hose Size, 5/8" ID, and 13/16" OD Blue Kink Absorbers NSF/ANSI 372, NSF/ANSI 61
    d. Model No. 5651N17

22. **Reference Dwg W-G101, under C. WELLHOUSE & SITE NOTES, Item 8.11. MAKEUP WATER. Please clarify where within the Wellhouse Building the 20 Foot Hose is to be stored. Will a hose rack be required. If so, please specify.**
    a. Contractor shall provide a stainless steel hose hanger manufactured by SD Industries Part #120318 or approved equal. Hose hanger shall be mounted in location as specified by the Owner.

23. **Please provide a maintenance of traffic plan and detail for the 12" water main installation.**
    a. Contractor shall obtain VDOT permit and prepare traffic plan accordingly.

24. **For the jack and bore scope(s), is there any type of monitoring required? (i.e. vibration, shoring, etc.)**
    a. Jack and bore construction shall be completed in accordance with Special Provision for Jack and Bore SP302-000120-00 of the latest edition of the VDOT Road and Bridge Specifications.

25. **How much time will the Contractor have to shut down the McDonald's driveway for our operations? Please clarify work hours for same.**
    a. The McDonalds/Sunoco property (PIN# 6981-20-4194-000) has a right-in entry from Route 29 southbound, and an entry/exit from Opal Road. Contractor shall maintain the Route 29 entry and Opal Road entry/exit during construction at all times, unless otherwise approved by Owner and VDOT. Business hours for the property are currently noted as 4AM through midnight.

26. **Reference Dwg W-C304; Detail 1/W-C304. Please clarify the piping is 6in and not 3in.**
    a. Yes, piping is 6 inches NOT 3 inches.

27. **Reference Dwg G102, W-C302, & W-C304. The Process Flow Diagram shows a Sampling Station ahead of the chemical injection points. Is the sample tap shown on the "Well Supply" of Detail 1/W-C304 the intended sampling station? Please clarify.**
    a. Detail 1/W-C304. Well Water Riser Threadless Sample Tap (Left) is for the Raw Water. Detail on the Right, the Splitter shall have a treaded Sampling Tap for Finished Water.

28. **Reference Dwg G102, W-C302, & W-C304. The Process Flow Diagram shows a pH tap and TRC tap downstream of the chemical injection points in the well house. Is the sample tap shown on the "Distribution Supply" of Detail 1/W-C304 the intended sampling tap for the pH and Total Residual Chlorine (TRC)? Please clarify.**
    a. Yes

29. **Reference Dwg G102, W-C302, & W-C304. Detail 1/W-C304 shows the Eye Wash Station to be fed from a splitter on the Sample Tap on the riser from the Distribution Supply tee. Dwg W-C302 appears to show a 1in Sch 80 PVC Water Line feeding the Eye Wash Station and Hose Bibb of unknown size & type. Please clarify.**
    a. The Eyewash shall be feed from the Distribution Supply Tee per Detail 1/W-C304. Use 1-inch Sch. 80 PVC to extend the water line from the Distribution Supply Tee to the Eyewash station.

30. **Does the 15" RCP running underneath the proposed gravel driveway entrance to the proposed well house require an end section (Sheet W-C301)?**
    a. Yes, a flared end section per VDOT Road and Bridge Standards ES-1.

31. **Please provide a detail for the 10'x20' Parking Space shown on Sheet T-C301.**
    a. Use Detail 4. - Sheet W-C103

32. Is the owner furnishing any equipment on the project (ie. SCADA equipment, RTU's, PLC's, etc.)

a. Yes – See answer to question #27 of Addendum #1.

33. Is the contractor responsible for SCADA programming?

a. No. – See answer to question #27 of Addendum #1.

34. There is a requirement in the specs to supply a tank plate layout proving 72" minimum plate dimensions and 8 max transition plates. This provision is designed to exclude certain tank manufacturers and has no impact on quality or AWWA requirements. Please consider removing this requirement from the specification.

a. All major plates on this tank shall be 24" or greater.

35. The safety ratings required will prevent most if not all tank contractors from submitting a bid. Please consider raising the requirement to a 3-year average of an EMR rating of 1.0 and TRIR (Total Recordable Incident Rate) to 3.0.

a. Accepted. EMR shall be 1.0 and TRIR shall be 3.0.

36. Can you please provide more detailed specs and design information for the 7,500-gallon chlorine contact piping shown on Drawing W-C301. Right now, the drawing doesn't give enough information (such as pipe type or installation depth) for us to put together an accurate price. We'd appreciate any additional details or clarification so we can properly quantify and price this work.

a. Chlorine Contact pipe shall be 48-inch Ductile Iron. See answer to question #4 of Addendum #1.

37. Specification section 331619 – 3.01.B.6.1.b calls for all plates to be greater than 72". This is from a competitor's standard design and is written as a way to restrict their competition for tank bids. Ours will be just under 72", please confirm this is acceptable.

a. See answer to Question #34 above.

38. Drawing W-C101 detail 1 (top) calls for a new Tee and cap for cable(s) entry. Please confirm which cable(s) will be fed through this tee fitting under this contract.

a. W-C101 Well Detail #1 - Refer to Pitiless Adapter Installation drawing and require electric power, transducer cable, etc.

39. Please confirm that the only new work for the water well shown in Detail 1 on Drawing W-C101 includes installing the tee between the vent and new cap for cable entry, and a new Baker Monitor 8" pitless adapter, and that everything else is existing.

a. Only the well hole, casing, grouting, and cap exist. Contractor shall install the rest of equipment as shown on W-C101 Well Detail #1 for a fully functional well system.

40. Which is correct: Detail 1 on Drawing W-C101 shows a 4" DI well discharge, however Drawing W-C301 shows a 6" pipe running to the well building. Is the 6" pipe the correct size instead of 4", and what type of pipe is it, also DI?

a. Discharge pipe from Pitiless is 4" diameter DI pipe. Contractor shall add a 4"x6" increaser after the 4" and transition to the 6" DI pipe shown entering the Well house as "Well Supply".

41. Are you responsible for writing Division 09 of the specifications?

a. Yes

42. Can we request the bid date to be postponed for 2 weeks to allow sufficient time to review the upcoming RFI responses in the future addenda and relay that information to our respective subcontractors and material suppliers?

a. A one-week extension will be granted and the bid due date in the Invitation for Bid has been revised to May 14, 2026 at 02:00 PM.

43. What is the required frequency of compaction testing for the water main installation?

a. Compact testing shall be performed in accordance with VDOT Materials Division Manual of Instruction Section 309, Project Sampling Testing and Inspection Section 309.01 Density Control, Section (d), Frequency of Field Density Test as modified below:

b. Backfill for pipes. A minimum of one (1) test shall be performed for each six inch (6") lift on alternating sides of the structure for each one hundred (100) linear feet or portion thereof in structure length. This test pattern shall begin after the first six inch (6") compacted layer above the structure's bedding and shall continue to one (1) foot above the top of the structure.

44. Under Supplementary Conditions SC-6.09, Section B3 is removed from the Construction Contract as the Owner has not submitted a Building Permit Application to Fauquier County as this is the responsibility of the Contractor as identified in the previous Section B1.

45. FCWSA Steel Casing Detail G-05 Revised on 4/8/2024 on Sheet W-C102 is updated to the attached Steel Casing Detail G-05 Revised 3/26/2026, which further clarifies the number and location of casing spacers in Notes 6 and 7.

46. T-E401 Panel schedule and Power Distribution diagram show a circuit for tank Fan and louver. We do see any requirements for a fan/louver in the tank. Can you confirm if this is required, and if so, appropriate CFM, etc.?

a. The circuit for the tank fan and louver is not required.

47. T-E402 shows a panel labeled FMT. Is that supposed to be a starter for the above exhaust fan? We don't see that abbreviation anywhere else in the drawings.

a. The FMT panel can be disregarded on Sheet T-E402.

48. W-C302 has an item listed as "Protective Glass", but does not show locations, size, or detail. Can you confirm what is required for this item?

a. "Protective Glass" can be removed from the Safety Equipment List to be supplied by the Contractor on Sheet W-C302.

49. Will the owner provide chemicals for startup and testing? As contractors do not maintain relationships with chemical suppliers, it would be preferred if owner supplied chemicals for testing and operation.

a. Contractor shall provide chemicals in accordance with Sheet G101, Section C. Wellhouse and Site Notes and Note. 8.3. PROVIDE THE FOLLOWING CHEMICALS.

50. Is Dorsett providing the transducers and controls or only the panels and communications equipment?

a. No. Dorsett is only providing the SCADA Control Panel, SCADA Program, and Communication as shown in the reference drawings, Sheet R-101 through R-104.

51. Are there any time of year clearing restrictions?

a. No. Contractor must stay with approved access paths and construction site and off crop fields.

52. What are the as-built requirements for the water main?

a. See Section 1.07 #3 of the FCWSA Utility Standards Manual for the as-built requirements for the water main.

END OF ADDENDUM