Purchasing Department
(276) 645-7328

# CITY OF BRISTOL VIRGINIA

300 Lee Street, Bristol, Virginia 24201

January 28, 2026

## Addendum No. 1: Inquiry Responses and Submission Form

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| ITB # | SW-26-002 Equalization Tank System |
| Issuance Date: | January 9, 2026 |
| Inquiries Deadline: | January 21, 2026 |
| Addendum Release: | January 28, 2026 |
| Due Date: | February 11, 2026 at 2:00 PM, EST |

This addendum details responses from the City of Bristol, Virginia ("the City") to questions submitted by the inquiry deadline designated in the Invitation to Bid (ITB) mentioned above. Responses from the City are indicated in red text following questions submitted. This addendum becomes part of the contract document between the City and any awarded Bidder.

This addendum includes the Submission Form which requires a signature to confirm the receipt of this Addendum. The Submission Form is included on page 9 of this document. The complete Submission Form should be included in the Bidder's five (5) required complete sealed bids to be submitted to the City which is due to the City on February 11, 2026.

**QUESTIONS**

**1)** Is AIS or BABA required?
- AIS or BABA have not been included as a requirement for this ITB.

**2)** Are Sales, Use, or any other taxes required?

- Direct purchases made by the City of Bristol, VA are exempt from sales tax. Purchases made on behalf of the City by a third-party would not qualify for exemption, and would be considered taxable.

**3)** Is a Field Office required? If so, what are the requirements? We don't need a Field Office and would recommend the other GC to have one if required.
- A field office is not a requirement set forth in this ITB. The City, however, desires Bidders to make themselves available for updates, calls (including phone and video), and on-site meetings as requested by the City. The City has office space at the landfill which may be used, should it become necessary. Should restroom facilities be needed, the contractor will be responsible, at no additional cost to the City, for portable toilets on the job site. There is ample space for such

facilities at the jobsite.

**4)** Is a Warranty Bond required? If so, how long and for how much?

- A Warranty Bond is not specified in the ITB Package. Per General Conditions, warranty bonds may be issued after contract execution if required.

**5)** There is a note about Shipping Containers on Pages 81-82/236. We package the materials to prevent sheet to sheet abrasion and utilize special wood pallets to eliminate contact or movement of finished panels during shipment. Is this process acceptable?

- The City expects Bidders to abide by the Terms and Conditions of the ITB in Section S, "Transportation and Packaging," which states that "standard commercial packaging, packing, and shipping containers shall be used." Special packaging to protect any items shipped would be acceptable if deemed necessary by the Bidder in order to adequately ship items in a way that eliminates damaged products, so long as all minimum requirements set forth in the ITB are met. The City does not have concerns about using special wood pallets. The City's collections team can arrange for disposal.

**6)** Is the Bid Hold 60 or 90 Days?

- Per the ITB, the bid responses to this solicitation will be valid for 90 days.

**7)** Is Cobalt Blue acceptable for the tank color?

- The standard factory finish is acceptable.

**8)** Are Prevailing Wages required?

- Prevailing Wages are not a requirement of this ITB.

**9)** Who is the Funding Agency?

- The City will be funding these projects.

**10)** What are the Payment Terms?

- Per the ITB, payment terms shall be Net 30 days.

**11)** Please confirm the required access to roof nozzles:

Is a roof-mounted walkway or platform required, or

Is ladder-only access acceptable?

- A working platform is not required. Ladder-only access is acceptable as long as it is in keeping with other requirements, namely stairwell access to the roof.

**12)** Please confirm the required ladder configuration Caged ladder with fall protection cable, or Uncaged ladder (Straight Run) with fall protection cable.

- The required ladder configuration shall be an uncaged ladder (straight run) with fall protection cable.

**13)** Please confirm whether construction debris may be disposed of at the landfill, or if the contractor should plan to provide and maintain a rented dumpster.

- The City will provide city owned dumpster(s) for waste collection. The City will dispose of job generated waste at no additional cost to the contractor.

- Hazardous waste, though not anticipated, will not be accepted by the City. Any and all hazardous waste, if generated, will be the responsibility of the contractor.

**14)** Regarding the "Site Specific Health and Safety Plan" listed on pages 105-107/236 of the specifications, can the Respiratory Protection be excluded from this? Is there any other Owner Specific Safety Plan?

- Yes, the work does not require a respiratory mask unless the Contractor's safety plan requires their use.

**15)** Is the area around the dome nozzles intended to be a flat working space during standard tank operation? If so, what walking surface, railings, etc., are required to accomplish this?

- A working platform is not required as along as the nozzles are safely assessable with a rail along the edge of the roof to prevent falls, as shown in ITB drawings.

**16)** Are any additional permits, licenses, fees, or inspections required? (Building Permits, City License, Etc.)

- Building, electrical, and land disturbance permits will be obtained by the Engineer and coordinated through the City. The contractor is required to provide shop drawings and other documentation as requested to support the permit application process.

**17)** Are we to follow ASCE 7-16 or ASCE 7-22 regarding all structural design loads, including wind, seismic, and snow for the tanks on this project.

- Please use ASCE 7-16 for all structural design loads.

**18)** Can you define the scope of the project? (The secondary containment slab, piping, etc.) There is a NOTE in the Bid Form on Page 20/236 of the PDF that says this Bid Form is for the EQ Tank System Only. Secondary containment walls and foundation, yard piping, aeration systems, mixing systems, and level sensing equipment are excluded from this scope. Does this sum up the scope of work required? Please confirm that the tank contractor's scope includes only the tank foundations (ringwall and tank slab) and does not include the surrounding secondary containment slab or walls.

- Tank Contractor's Scope (per Section 01 11 00 - Summary of Work):
  • Two (2) equalization tanks (complete)
  • Tank foundations (ringwall and floor slab only)
  • Appurtenances and equipment as shown on Tank Data Sheet
- Excluded from Tank Contractor's Scope**:**
  • Secondary containment slab and walls
  • Yard piping
  • Aeration systems
  • Mixing systems
  • Level sensing equipment
- The Note on Page 20 is correct.

**19)** Does the Bidder need to include literature, spec sheets, etc. with our bid so you could see if the product offered meets the requirements of the solicitation? (Specs- Page 81/236)

- Bidders must provide the information requested in Section 00 45 13 (Bidder's Qualifications). Additional product literature and technical specifications may be submitted with the bid for informational purposes. It is the Bidder's responsibility to identify any deviations or proposed

alternatives from the ITB requirements.

**20)** What is the Engineers Estimate?

- The engineer's estimate for the EQ Tank supply and installation is approximately $2.7 million.

**21)** We typically use a polyurethane sealer such as Sikaflex 403 which has a temperature range that is higher than silicone. (Sika Max Temp 190, Silicone- 100) Summer could get a lot warmer than 100. Is the Sikaflex 403 sealer acceptable?

- Sikaflex 403 polyurethane sealer is acceptable as an alternative to silicone, provided it meets or exceeds the performance requirements for leachate resistance and temperature range.

**22)** Are the gaskets that are called out for the following, (Shell to Shell, roof to shell, floor to shell) required? We use a sealer and don't use gaskets.

- Sealers are acceptable in lieu of gaskets provided they achieve equivalent performance in preventing leakage and air infiltration under the specified vacuum conditions.

**23)** Do you want a Single Handrail with Non-Skid Walkway to provide access to the roof vent for each tank?

- Single handrail with non-skid walkway for roof vent access is acceptable.

**24)** Is the Vacuum Relief device the responsibility of the tank contractor?

- Vacuum relief devices are included in the tank contractor's scope as outlined in the Tank Data Sheet.

**25)** Can you confirm the Specific Gravity value of 1.05?

- The maximum specific gravity of 1.05 is confirmed. This represents worst-case conditions, as leachate characteristics vary depending on the specific waste stream and landfill area being discharged.

**26)** Can you verify the piping that is required in the Tank Scope? What pipe is inside the tank? Please confirm the intended material for the airline located inside the tank. If stainless steel is required, please provide an estimated total length & size.

- Piping within Tank Contractor's Scope:
  1. Overflow Pipe: Required per Section 43 41 11 (Bolted Steel Tank Specifications). Schedule 40 steel pipe as specified, from tank nozzle to discharge point.
- Piping Excluded from Tank Contractor's Scope:
  1. Airline Piping (internal to tank): Will be supplied and installed by the aeration system vendor (separate contract).
  2. HDPE Leachate Influent/Effluent Piping: Although referenced in the tank specifications, this yard piping is NOT part of the tank contractor's scope. HDPE piping will connect to the tank's stainless-steel nozzles via flanged connections but will be installed under a separate contract.
- Tank Contractor Responsibility: Provide stainless steel tank nozzles with flanged connections for all piping tie-ins as shown on the Tank Data Sheet.

**27)** Is Schedule 80 PVC acceptable for the tank overflow pipe?

- Schedule 80 PVC is acceptable for the tank overflow pipe as an alternative to the specified Schedule 40 steel pipe, provided:
  1. PVC is rated for continuous service at 95°F (maximum leachate temperature)
  2. Flanged connections are provided on both sides of the tank wall as specified

3. Accessories are designed to accommodate PVC thermal expansion

**28)** Is the standard aluminum mill finish acceptable for the dome roof?

- Yes, that is acceptable.

**29)** Please confirm whether the tank contractor is required to furnish and install a PVC waterstop at the interface between the tank foundation and the secondary containment slab.

- Yes, the tank contractor is required to furnish and install a PVC waterstop at the interface between the tank foundation and secondary containment slab. The waterstop shall be embedded in the tank foundation (tank contractor's scope) and left exposed for the subsequent secondary containment slab pour (separate contract). Installation shall be performed in accordance with the product supplier's recommendation and in coordination with the general contractor.

**30)** Please confirm the required material for pipe support brackets attached to the tank wall.

- Pipe support brackets and attachments to the tank wall must be constructed of materials compatible with the leachate vapor environment. Per Section 43 41 11 (Bolted Steel Tank Specifications), threaded fasteners and screws shall be 300 series stainless steel or aluminum. Pipe support brackets should follow these same material standards to ensure adequate corrosion resistance.

**31)** Please confirm whether the Owner/Engineer will provide survey control and layout benchmarks, or if the contractor is responsible for all site layout.

- Survey Control and Layout Responsibilities:
  - Owner/Engineer will provide:
    1. Survey control points and reference benchmarks
    2. Horizontal datum: NAD 83 (Virginia State Plane South projection)
    3. Vertical datum: NAVD88
- Contractor is responsible for:
  - Construction layout and field surveying required to complete their work, using the Owner-provided survey controls
  - This includes foundation layout, tank placement verification, elevation confirmation, and any other surveying necessary for proper installation of the EQ tanks and foundations

**32)** Do you have a Waste Stream Analysis of the material that will be stored in the tanks?

- Yes, leachate characterization data is provided in the attached Table 2 of the Design Basis Memorandum.

**33)** Is the Blower Flare installation in the tank contract?

- The blower flare installation is not part of the tank contract.

**34)** Is Grade 60 plain steel rebar acceptable or does it need to be galvanized or epoxy coated?

- Epoxy-coated reinforcement per ASTM A775/A934 is required.
- Galvanized reinforcement per ASTM A767 Class 2 is an acceptable alternative.
- Plain (uncoated) Grade 60 rebar is not acceptable.

**35)** Is the "Environmental Protection Plan" listed on pages 102-103/236 of the specifications required for the tank contract?

- Yes, an Environmental Protection Plan is required per the specifications.

The Plan should only address the items listed in the specification as applicable to the EQ tank construction scope. Sections not applicable to the tank construction scope (e.g., brush clearing) may be omitted or noted as "not applicable."

**36)** Is erosion and sediment control required for the tank contract? If so, what is required. (Silt Sock, Silt Fence, etc.)

- Yes, erosion and sediment control measures are required for the EQ tank construction.
- E&SC measures applicable to the EQ Tank Contractor's scope:
  1. Silt Fence: Perimeter control downgradient of disturbed areas
  2. Temporary Stone Construction Entrance: At site access point(s)
  3. Temporary Seeding: For disturbed areas exposed more than 14 days during construction
  4. Inlet Protection: Only if existing storm drain inlets are located within or immediately adjacent to the tank construction limits
  5. Soil Stabilization Blankets: As needed for slope protection
- All E&SC measures shall be installed and maintained in accordance with Virginia Erosion and Sediment Control regulations and the project's Land Disturbance Permit

**37)** Regarding the stainless-steel nozzles, are you requiring 304 or 316 stainless-steel for their construction?

- 316 SS as indicated in the tank data sheet.

**38)** Can you confirm that 2- 30" Shell Manways are required for each tank?

- Two (2) 30" manways are required.

**39)** Our standard dome includes a 24" vent. Is this 24" Frost Free vent acceptable in lieu of the 4" SS Pressure Relief Vent shown as Mark 20?

- The contractor's standard 24" frost-free vent is acceptable in lieu of the specified 4" SS pressure relief vent (MARK 20) provided that:
  1. The 24" vent is relief-actuated (not constantly open), and
  2. It provides equivalent pressure/vacuum relief as specified in the Tank Data Sheet and design documents
- The contractor must provide manufacturer's technical specifications demonstrating compliance with these requirements.

**40)** United Industries Group, Inc. (UIG) respectfully requests approval, via addendum, of our Everstore® Glass-Fused-to-Steel (GFS) Bolted Tank as an acceptable product for the above-referenced project under Specification Section 43 41 11 – Bolted Steel Tanks

- UIG's Everstore® Glass-Fused-to-Steel (GFS) Bolted Tank is acceptable provided it complies with the specification requirements:
  1. Glass-fused-to-steel (vitreous enamel) coating conforming to AWWA D103 - UIG must provide documentation demonstrating full AWWA D103 compliance for their Everstore® product
  2. Suitable for continuous exposure to landfill leachate with pH range of 5-11
  3. All requirements of Section 43 41 11 (Bolted Steel Tanks) - including dimensions, capacities, vacuum protection, and appurtenances per the Tank Data Sheet

- If UIG's Everstore® tank meets the specification requirements, no addendum is necessary - the product is acceptable.

**41)** Design requirements for high strength steel shall be ASTM A1011 Gr50 with a maximum allowable tensile stress of 30,000 psi". We would like to have this replaced with "Design requirements for high strength steel shall be ASTM A1011 Gr60 or A572 Gr60 with max allowable tensile stress of 60,000 psi

- The request to use Grade 60 steel is acceptable. However, all steel grades, allowable stresses, and design requirements must comply with AWWA D103, which is the governing standard for bolted steel tank design specified in Section 43 41 11.

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# SUBMISSION FORM

THE COMPANY/INDIVIDUAL OF: _____

Address: _____

_____

FEIN _____

Hereby proposes to provide the requested services as defined herein.

I understand that the omission of any items listed below from this proposal may be cause for rejection of the proposal as non-responsive. I have ensured that I have received and acknowledged Addendum No. 1.

Person to contact regarding this ITB: _____

Title: _____ Phone: _____

E-mail: _____

Name and title of person authorized to bind the Firm:

Name: _____Title: _____

Signature: _____ Date: _____

By signing and submitting a bid, your firm acknowledges and agrees that it has read and understands the ITB documents and has resolved any questions and discrepancies to their satisfaction.

We Acknowledge receipt of:

Addendum No. __1__ Signature _____