GWINNETT COUNTY
DEPARTMENT OF FINANCIAL SERVICES
PURCHASING DIVISION

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April 01, 2025

ADDENDUM #5
BL004-25
Provision of Repairs of Grayson Water Storage Tank 2

The following addition/changes modify the Bid No. BL004-25 "Provision of Repairs of Grayson Water Storage Tank 2" Contract Documents, dated February 2025, as first advertised on February 19, 2025.

I. QUESTIONS:

Q1. **33 1632 - Prestressed Concrete Water Storage Tank Repair – 3.13 Inspection and Testing – C.2. The contractor is responsible for furnishing all equipment, necessary piping, and labor required to transport the water from its source to the test location. Where is the source of water? What equipment will be required? How much piping will be required?**

A1. The awarded contractor may utilize the yard hydrant for daily activities. Filling of the tank for hydrostatic testing will be taken care of by Gwinnett County Department of Water Resources.

Q2. **What are the resurfacing requirements for this project?**

- **33 1632 - Prestressed Concrete Water Storage Tank Repair – 3.8.A. Apply resurfacer to underside of dome, walls, and 4 feet onto the floor.**
- **09 9600 – High-Performance Coatings – 2.3.A. Cementitious Epoxy Resurfacer shall be applied per manufacturer recommendations.**
- **The manufacturer's recommendations are to resurface as needed, but specification 33 1632 indicates resurfacing the underside of the dome, walls, and 4 feet onto the floor. We will not be coating the underside of the dome, why would this be required?**

A2. Contractors should bid on applying resurfacer as specified on the Specifications and quantities as specified in the Bid Form.

Q3. **Will SikaFix HH Hydrophilic Urethane Polyurethane or Prime Resins 900 XLV hydrophilic polyurethane be an approved equal for the chemical grout injection material?**

A3. Requests for approval of an "approved equal" product will only be evaluated following the Bid opening. Approval of any "or equal" products submitted for consideration will be at the Owner and Engineer's sole discretion. If you would like to submit your product for pre-approval for future solicitations, please contact Brittany Bryant, Purchasing Associate III following the award of this solicitation.

Q4. **Please confirm if spent media or sludge removed from the tank during the project can be disposed of onsite?**

A4. No, any spent media or sludge removed from the tank should be disposed of off-site by the awarded contractor.

Q5. **The project duration is stated in the documents but an estimated start date/Notice to Proceed date is not provided. Does the tank need to remain in service during the higher demand season or does Gwinnett County plan on starting the work immediately?**

A5. It is Gwinnett County intention to start the work immediately. This tank will be shutdown for the repairs, and the other tank will remain operational during high-demand season.

Q6. Of the three specified coating systems, both the Carboline Reactamine 760 and Sherwin Williams Poly-Cote 115 are polyurethane based and provide elongation factors preferred for D110 tanks. Tnemec Series 21/22 is an epoxy with limited elongation and not considered an "or equal" in regard to properties compared to the other two coatings. Selection of a non-elastomeric coating may not yield the best long term performance results. Does the contractor need to indicate the proposed coating system with their bid to allow for evaluation or will the award be solely based on the lowest cost?

A6. The award will be determined by the lowest responsible and responsive Bidder. Contractors should bid with a product that they feel comfortable will provide good long-term results to the Owner. Tank movement is expected (expansion and contraction due to temperature and pressure swings), and the coating system selected must be able to handle the movement. Contractors should provide documentation if submitting an "or approved equivalent" to be evaluated following the bid opening.

Q7. Please clarify how far onto the tank floor Gwinnett County would like the interior wall coating to extend?

A7. The interior wall coating should extend at least four (4) feet onto the tank floor.

Q8. The interior baffle wall extends to within 1 inch of the perimeter tank wall, limiting the ability to provide a continuous interior coating. Is the intent to terminate the interior coating at the baffle wall interface or continue the coating onto the baffle wall on both sides to seal the joint?

A8. Contractor should plan to terminate the interior coating at the baffle wall, maintaining the existing 1" gap.

Q9. Bid Items 2.1 & 2.2 indicate chemical grout injection of the interior and exterior wall/floor joint and footing. The exterior portion of the wall/floor joint and footing is below grade and not exposed. Is it the intent to include excavation, backfill and paving in this bid item to accomplish any exterior injection? Based on the as built drawings provided, it appears that injection from the tank interior at the wall and floor interface cannot be performed without damage to the existing water stop.

A9. Contractors should plan to do what is necessary to apply chemical grout injection with the quantities listed on items 2.1 and 2.2. If excavation, backfill and paving is necessary to do so, they should bid accordingly. See Section 33 1632, Paragraph 3.6.A and B regarding the water stop question.

Q10. Section 33 1632, 3.13C requires hydrostatic testing of the tank upon completion of the work and the result must be no measurable loss. Has a base line test been performed to quantify the current leakage? If leakage was measured, has any additional testing been performed to determine if the leakage if from the tank or an existing pipe joint or valve?

A10. Baseline test can be performed before construction if requested by the Contractor, but the leaks being addressed are known to be on the walls along the 20 – 30ft mark.

This addendum should be acknowledged on Bid Form, page 16. Failure to do so may result in your bid being deemed non-responsive.

Thank you,

Brittany Bryant, CPPB
Purchasing Associate III