

**REQUEST FOR PROPOSAL FROM THE
FORT WORTH WATER DEPARTMENT
FOR
WATER TANK REHABILITATION
City Project Number: 107326**

BACKGROUND

The City of Fort Worth (City) owns and operates a water distribution system with approximately 32 water storage tanks providing 106 million gallons of total storage capacity across 11 pressure planes. These facilities include both ground storage and elevated storage tanks constructed between 1948 and 2026.

As part of the City's ongoing asset management and maintenance strategy, three (3) tanks have been identified as requiring targeted inspection and rehabilitation due to known issues that could impact their service life or operational safety. The work on these tanks will address structural and safety-related deficiencies. The following sections summarize the specific rehabilitation and inspection needs for each of the three tanks.

TANK SPECIFIC INFORMATION

Randol Mill Storage Tank

- Year Constructed: 1965
- Capacity: 6 MG
- Type: Steel
- Material: Ground
- Pressure Plane: Eastside 2
- Address: 6401 Bridge St, Fort Worth, TX, 76112
- Last Inspected: January 2026
- Known deficiencies to be addressed:
 - Floor metal thickness shall be tested at areas of obvious deterioration to determine which areas may be deteriorating and need repair.
 - Weld seams at inlet structure need inspection and potential repair.

Timberline Storage Tank

- Year Constructed: 1957
- Capacity: 2 MG
- Type: Elevated
- Material: Steel
- Pressure Plane: Eastside 2
- Address: 4712 Trueland Dr, Fort Worth, TX, 76119
- Last Inspected: January 2026
- Known deficiencies to be addressed:
 - Leg support anchor bolts have sheared, and concrete foundation pads are cracked. Both require structural assessment and potential repair.

- Anchor points of guidewires on interior of the bowl which are anchored from the catwalk to the roof are corroded and require evaluation and potential replacement.

Armstrong Storage Tank

- Year Constructed: 1961
- Capacity: 2 MG
- Type: Elevated
- Material: Steel
- Pressure Plane: Southside 3
- Address: 7148 Trail Lake Dr, Fort Worth, TX, 76123
- Last Inspected: December 2025
- Known deficiencies to be addressed:
 - The fall restraint system is corroded and needs replacement. Staff cannot currently safely enter the tank.
 - Interior ladder is corroded and requires replacement.

SCOPE OF SERVICES

The City is seeking a qualified Consultant to evaluate the condition and safety of the identified water storage tanks and develop an plans and specifications for rehabilitation of the known deficiencies. If necessary, the Consultant will determine the need for additional testing or investigation and develop recommendations for future improvements based on newly identified deficiencies.

Potential tasks may include:

Task 1 – Records Review and Project Management

- Conduct a kickoff meeting and coordinate project activities, site access, inspections, and operational requirements with City staff.
- Review available drawings, inspection reports, maintenance records, repair history, and other relevant information.

Task 2 – Tank Assessment

- Perform a comprehensive condition assessment of each identified tank, including structural components, foundation, coatings, corrosion, leakage, piping, appurtenances, and access features.
- Evaluate the safety of each facility, including ladders, stairs, platforms, handrails, guardrails, fall protection, hatches, and other personnel access features.
- Perform a structural and mechanical assessment to identify deficiencies that may threaten structural integrity or compromise system performance.
- Identify and perform additional testing, measurements, nondestructive examination, or engineering analysis necessary to adequately assess each tank.

Task 3 – Rehabilitation Design

- Develop design plans and specifications for addressing structural and safety concerns for each tank.
- Develop recommendations for future projects based on what currently unknown deficiencies are identified during the inspection period.

Task 4 – Bidding

- Provide plans and specifications for the City to advertise the project for construction, assist the City with responses to bidder questions, and develop addenda

NON-MANDATORY PRE-PROPOSAL MEETING

A non-mandatory pre-proposal meeting for this project will be held at 1:30 PM on October 19, 2026, at the North Holly Water Treatment Plant Classroom (920 Fournier St, Fort Worth, TX, 76102). The purpose of the non-mandatory pre-proposal meeting is to allow potential respondents to ask questions useful for responding to the RFP.

Enter through the Holly WTP north gate entrance, and the security guard will direct you to the classroom. Be prepared to present identification to security and let them know the name of the meeting.

SCHEDULE

The project schedule for this project is critical to maintain as the City's water storage facilities are subject to seasonal operational constraints. The notice to proceed for design will be issued at the end of November 2026. Design must be completed and ready for advertisement by the end of January 2027.

BUDGET

The approved budget for this contract is \$95,000, which cannot be exceeded. If the selected proposer cannot perform the work within this budget, the City will terminate negotiations and move to the next highest ranked proposer.

PROPOSAL REQUIREMENTS

Proposals submitted in response to this request should comply with the requirements as described herein, and shall include, but not be limited to, the following items which will be the basis for the selection process:

- Understanding of Project Scope: Provide a summary of your firm's understanding of the project.
- Project Approach: Provide a brief summary analyzing the various tasks and summarizing the course of action necessary for completion of the project, including testing such as steel thickness testing and weld testing.

- Project Team and Key Professional Member Resume: Provide resume of key personnel who will be involved in the project and their respective responsibilities. In addition, provide the time availability of key personnel for the project.
- Experience with Related Projects and References: Provide a record of a minimum of five projects similar in size and scope to this project and completed within the past ten years. Proposed project staff with experience of similar projects should also be identified. Experience should emphasize steel thickness and weld testing and an ability to provide rehabilitation recommendations and design for steel tank repair.
- Project Schedule: Provide a preliminary schedule of work to be performed, clearly indicating the start and stop dates of each task. Provide information on the ability to bring additional resources to the project to accelerate the schedule, should that be required. Consider seasonal limitations on tank inspections and construction.

ATTACHMENTS

1. Tank/Facility Schematics
2. Tank Pictures of Deficiencies
3. Tentative Project Schedule