



**Bid Packet: 5-Year Water
Tower Inspection and
Cleaning Contract
Bids Due:
Friday, August 18, 2023
by 2:00 pm CST**

Macon Municipal Utilities will be accepting sealed proposals for Water Tower Inspection and Cleaning Services at four (4) locations within the City of Macon. The contract will be for a period of five (5) years, paid out yearly.

There will be four (4) separate locations where tanks will be serviced:

- 2100 block of Jim's Road (North Tower - 1,000,000 gallon Hydropillar)
- 816 Overbrook Drive (East Tower - 500,000 gallon elevated steel tank)
- 608 South Missouri (South Tower - 500,000 gallon elevated steel tank)
- 54 South Allen (West Tower - 500,000 gallon elevated steel tank)

Successful bidder is requested to carry insurance coverage for the duration of the project in the following amounts. Lower coverages may be accepted.

- **\$1,000,000 Liability**
- **\$2,000,000 Aggregate**
- **\$5,000 Medical**

The successful bidder will be required to provide a certificate of insurance listing Macon Municipal Utilities as additional insured, and sign a hold-harmless agreement. Successful bidder shall require same of all subcontractors. Each bidder must inform himself fully of the conditions relating to the composition of the project and the employment of labor thereon. Failure to do so will not relieve the successful bidder of his obligation to furnish all material and labor necessary to carry out the provisions of this project.

Submission of bid confirms bidder agrees that they understand, and agree to abide by all terms and conditions, responsibilities and specifications of the project. Bidder will be presumed to have inspected the site and to be thoroughly familiar with the project requirements. The failure or omission to do so, shall in no way relieve any bidder from any obligation in respect to his bid.

Bidders are informed that pursuant to Section 285.530, RSMo, as a condition of the award of any contract in excess of five thousand dollars (\$5,000), the Bidder shall, by sworn affidavit and provision of documentation, affirm its enrollment and participation in a federal work authorization program with respect to the employees working in connection to the contracted services. Bidder shall also sign an affidavit affirming that it does not knowingly employ any person who is an unauthorized alien in connection to the contracted services.

The bidder's attention is directed to the fact that all applicable State Laws, Municipal Ordinances, and the rules and regulations of all authorities having jurisdiction over composition of the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full.

Macon Municipal Utilities shall be the final judge of the quality and suitability of the work, materials, and methods of construction for the purposes for which they are used. Should they fail to meet approval they shall be forthwith reconstructed, made good, replaced, and or corrected by the contractor at his own expense. Rejected materials shall be removed immediately from the site.

The Macon Municipal Utilities reserves the right to accept or reject all bids.

PROJECT SCOPE AND SPECIFICATIONS: The successful Bidder will communicate through their response that they meet the qualifications, possess the experience, capability, and capacity to achieve Macon Municipal Utilities water tank maintenance objectives. Listed below are descriptions of the essential services the selected Contractor will be responsible for providing. Please note the listing of services is not exhaustive, and the listing and categorization of additional services by the Contractor for the purpose of completeness is encouraged. It is the responsibility of the Bidder to schedule and specify a scope of work that achieves Macon Municipal Utilities maintenance objective and cycle criteria. Inspections and washouts shall occur in the spring months from March – May.

Inspection and Evaluation Services: The selected Contractor will provide trained personnel directly employed and supervised by the Contractor to perform all inspections in accordance with industry standards applicable to each water tank. Reference AWWA M42 and ANSI/AWWA D101-53 (latest revision), Inspecting and Repairing Steel Water Tanks, Standpipes, Reservoirs, and Elevated Tanks for Water Storage.

Water Quality-Related Services: The selected Contractor will provide trained personnel directly employed and supervised by the Contractor to provide all labor, equipment, and materials to clean, inspect, and disinfect each water storage tanks identified in this RFP. Wash out disinfection services shall include but not be limited to:

- Each water tank will be washed out, inspected, and disinfected following American Water Works Association (AWWA) C652 Standards or as often as local conditions require but not less often than once every five years.
- Washouts shall be performed following AWWA Standards D652-86 Spray Method 2 Standards for Potable Water Tank disinfecting. All personnel conducting the disinfection shall be properly trained and experienced with water storage tank disinfection.
- All observations will be documented in a concise report with supporting photographs.
- The water tanks' compliance with regulatory standards and regulations will be documented in a single page compliance report with supporting photographs. A qualified representative of the selected Contractor, acceptable to Macon Municipal Utilities, may perform the physical inspections. If any water quality related work is to be performed by a sub-Contractor and not direct employees, it must be indicated in your proposal document.

The following type of inspections will be provided as part of this contract:

1. **Tank Exterior Inspection and Report:** Completely inspect the exterior of each tank at least once every twelve (12) months to ensure that the structure is in a sound watertight condition, free of any defects, active corrosion and damaged coating systems. The inspection shall also

include a review of the tank foundation, supporting structures, tank site, security fence, vent, hatch, screens, ladder, safety climb, aviation light, antennas and catwalk. Defects shall be identified by the Contractor to a representative of Macon Municipal Utilities at the time of the inspection. The Contractor shall also provide an inspection report to Macon Municipal Utilities that includes a comprehensive summary of the inspection.

2. Tank Interior Inspection and Report: Completely wash out and inspect the interior of each tank at least once within sixty (60) month period (assumed once in this contract period), to ensure that the interior of the structure is in a sound watertight condition, free of any defects, active corrosion and damaged or failing coating systems. The inspection shall also include a review of the tank foundation, supporting structures, tank site, security fence, vent, hatch, screens, ladders, safety climb, aviation light, antennas and catwalk. Defects shall be identified by the Contractor to a representative of Macon Municipal Utilities at the time of the inspection. The Contractor shall also provide an inspection report to Macon Municipal Utilities that includes a comprehensive summary of the inspection.

Current schedule

Description	Tank size	Tank type	2024	2025	2026	2027	2028
North	1M	Hydropillar	V	V	V	V	WO
South	500,000	Elevated steel	V	V	WO	V	V
East	500,000	Elevated steel	V	WO	V	V	V
West	500,000	Elevated steel	WO	V	V	V	V

V = visual

WO = washout



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Description	Tank size	Tank type	2024	2025	2026	2027	2028	Annual amount per tank
North	1M	Hydropillar						\$
South	500,000	Elevated steel						\$
East	500,000	Elevated steel						\$
West	500,000	Elevated steel						\$
V = visual WO = washout								
Total Annual Amount								
Total Five-Year Amount								

The contractor shall, before any work is accepted by Macon Municipal Utilities, remove from the job site all litter and trash of any kind, and shall leave the area in good condition and ready for its use.

Contractor: _____

Address: _____

Phone Number: _____

Email Address: _____