

CITY OF SEYMOUR, TEXAS

INVITATION TO BID (ITB)

Wastewater Treatment Plant Aeration Equipment Replacement

Bid Package No. WWTP-2026-01

The City of Seymour, Texas is soliciting sealed bids from qualified manufacturers and authorized suppliers for furnishing, delivery, start-up, testing, and warranty certification of aeration equipment for the City's Wastewater Treatment Facility (WWTF).

The City is requesting pricing under two separate bid alternates:

- Alternate No. 1 – Floating Brush Aerator
- Alternate No. 2 – Fixed Rotor Aerator

The City reserves the right to award one alternate, both alternates, reject any or all bids, waive irregularities, and select the proposal determined to be in the best interest of the City.

SECTION 1 – BID SUBMISSION REQUIREMENTS

Sealed Bid Requirement

All bids shall be submitted in a **sealed envelope** clearly marked:

“Bid Package No. WWTP-2026-01 – Wastewater Treatment Plant Aeration Equipment Replacement”

Bidders shall identify on the outside of the envelope:

- Company Name
- Contact Person
- Mailing Address
- Telephone Number

Delivery Instructions

Sealed bids must be received no later than:

3:00 PM (Local Time)

August 18th, 2026

Deliver bids to:

City of Seymour – City Hall

Attn: Dr. Jeffrey Brasher, City Administrator

301 N. Washington Street

Seymour, Texas 76380

Bids received after the stated deadline will not be considered and will be returned unopened.

Facsimile, email, or electronic bid submissions will not be accepted unless specifically authorized by written addendum.

SECTION 2 – GENERAL REQUIREMENTS

Scope of Work

Contractor shall furnish all labor, materials, equipment, start-up services, manufacturer support, and warranty documentation necessary to provide a complete and operational aeration system.

Work shall include:

- Equipment manufacture and delivery
- Freight to Seymour, Texas
- Installation support and manufacturer start-up assistance
- Performance testing
- Operator training
- Warranty certification
- Operation and maintenance manuals
- Recommended spare parts list

Equipment shall be designed for continuous operation in municipal wastewater treatment service.

SECTION 3 – TECHNICAL SPECIFICATIONS

ALTERNATE NO. 1 – FLOATING BRUSH AERATOR

Provide one (1) complete floating brush aerator assembly suitable for wastewater lagoon or oxidation basin aeration.

Minimum Requirements

- Quantity: One (1)
- Type: Floating Brush Aerator
- Power Rating: Minimum 20 HP
- Voltage: 480V, 3 Phase, 60 Hz
- Continuous duty operation
- Manufacturer shall have minimum 10 years municipal wastewater experience

Performance Requirements

- Minimum Standard Aeration Efficiency (SAE): 3.0 lbs O₂/HP-HR
- Minimum pumping/mixing rate: 3,500 gallons per minute per horsepower
- Minimum oxygen transfer capability: 54 lbs O₂/hr

Construction Requirements

- Floating brush rotor assembly complete with brushes
- ASTM A36 steel frame minimum
- Foam-filled flotation system
- Stainless splash shields and motor cover
- 316L stainless drive and non-drive shafts
- Heavy-duty industrial bearings
- TEFC motor with service factor 1.15 minimum

Include

- Mooring system
 - Startup and commissioning
 - Warranty certification
 - O&M manuals
 - Training
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SECTION 4 – TECHNICAL SPECIFICATIONS

ALTERNATE NO. 2 – FIXED ROTOR AERATOR

Provide one (1) complete fixed rotor aeration system for municipal wastewater treatment.

Minimum Requirements

- Quantity: One (1)
- Type: Fixed Rotor Surface Aerator
- Power Rating: Minimum 20 HP
- Voltage: 480V, 3 Phase, 60 Hz
- Continuous duty application

Performance Requirements

- Minimum oxygen transfer: 54 lbs O₂/hr
- Minimum SAE: 3.0 lbs O₂/HP-HR
- Adequate basin mixing capability

Construction Requirements

- Fixed horizontal rotor
- Replaceable brush assemblies
- Corrosion resistant construction
- Structural steel support frame
- Galvanized or coated finish
- 316 stainless shafting
- Industrial pillow block bearings
- TEFC motor, VFD compatible

Include

- Electrical drawings
 - Startup assistance
 - Warranty certification
 - O&M manuals
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SECTION 5 – SUBMITTALS

Bidder shall provide:

- Bid Form
 - Manufacturer specifications
 - Shop drawings
 - Delivery schedule
 - Equipment dimensions
 - Electrical requirements
 - Warranty information
 - Five (5) municipal references
 - Recommended spare parts list
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SECTION 6 – WARRANTY

Minimum warranty:

- Twenty-four (24) months from startup or
- Thirty-six (36) months from shipment

Warranty shall include manufacturer startup support.

SECTION 7 – BID EVALUATION

The City reserves the right to evaluate proposals based upon:

- Compliance with specifications
- Cost
- Operating efficiency
- Manufacturer experience
- Delivery timeline
- Maintenance requirements
- Availability of replacement parts
- Overall value to the City

END OF SPECIFICATIONS