

CITY OF BASTROP, TEXAS
REQUEST FOR QUALIFICATIONS (RFQ No. 2026- 03.26)
Professional Engineering Services
Membrane Wastewater Treatment & Reuse Facility



Issue Date: March 26, 2026

Submittal Due Date: March 30, 2026

Submit to: SCarrillo@cityofbastrop.org by 5pm CST

INTRODUCTION

The City of Bastrop, Texas, is soliciting Statements of Qualifications (SOQs) (See attached pages) from qualified and experienced Professional Engineering firms to provide design and related services for a new wastewater treatment facility utilizing advanced membrane technologies.

The proposed project consists of the design of a **2.0 million gallons per day (MGD) wastewater treatment plant**, with an **ultimate buildout capacity of 8.0 MGD**, to be located at the existing **Wastewater Treatment Plant No. 3 and No. 4 sites**. The project is a critical component of the City's long-term infrastructure planning efforts to support continued growth, enhance environmental stewardship, and expand water reuse capabilities.

The selected firm will be expected to demonstrate extensive experience in planning, design, and implementation of membrane-based treatment systems, including but not limited to Membrane Bioreactors (MBR) and Ultrafiltration (UF) as applicable. Services may include preliminary engineering, pilot testing, detailed design, permitting support, bidding assistance, and construction phase services.

The City places a strong emphasis on innovative, cost-effective, and sustainable solutions that balance capital investment with long-term operational efficiency. The project will require coordination with regulatory agencies, including the Texas Commission on Environmental Quality (TCEQ), and alignment with applicable state and federal requirements.

Qualified firms are invited to submit Statements of Qualifications that clearly demonstrate their technical expertise, relevant project experience, and ability to successfully deliver complex wastewater and reuse infrastructure projects of similar scale and scope.

The City of Bastrop reserves the right to reject any or all submissions and to select the firm deemed to be in the best interest of the City.

We look forward to your participation in this important project.

Sincerely,

City Manager
City of Bastrop, Texas



REQUEST FOR QUALIFICATIONS (RFQ)

Professional Engineering Services - Membrane Wastewater Reuse Facilities

FIRM INFORMATION

Firm Name:

Address:

Primary Contact:

Email:

Phone:

Texas PE Registration Number(s):

A. FIRM QUALIFICATIONS

Describe firm history, years in operation, and relevant office locations:

B. STAFFING & TEAM

List key personnel and roles:

C. RELEVANT PROJECT EXPERIENCE

Provide at least five membrane (MBR, UF, RO) wastewater reuse projects:

Project Name / Location:

Capacity (MGD):

Type of Reuse:

Year Completed:

Firm Role:

D. PROJECT APPROACH

Describe your approach to membrane wastewater reuse system design:

E. DESIGN & TECHNICAL CAPABILITIES

Describe expertise in process design, SCADA, modeling, and resiliency:

F. REGULATORY EXPERIENCE

Describe experience with TCEQ and permitting:

G. PROJECT MANAGEMENT

Describe scheduling, budgeting, and delivery methods:

H. INNOVATION & VALUE ENGINEERING

Provide examples of innovation and cost savings:

BONUS QUESTIONS

Please provide detailed responses to the following:

1. Describe a membrane plant that experienced significant fouling issues—how did you resolve it?
2. What is your preferred configuration for Texas reuse projects and why?
3. How do you balance capital cost vs long-term O&M costs?

4. Describe your commissioning and startup process.

5. How do you future-proof membrane facilities for expansion or regulatory changes?

REFERENCES

Provide at least three references:

Name:

Organization:

Contact Info:

Project Description:

Certification:

I certify that the information provided is accurate.

Signature: _____

Name: _____

Date: _____