

Town of Murphy
Request for Qualifications (RFQ)

Engineering Services for Sewer Plant Upgrade and Capacity Expansion

1. Introduction

The Town of Murphy is seeking qualifications from experienced engineering firms to provide professional services for the development of a preliminary engineering report for the upgrade and capacity expansion of our sewer plant. This RFQ outlines the project scope, submission requirements, and selection process.

2. Project Background

2.1. Overview

- The Town of Murphy sewer plant currently operates with outdated infrastructure dating back to the 1960s. The Sewer Plant is permitted for 1.4 million gpd, with two 700,000 sequencing batch reactors tanks. Average daily flows range from 400,000 gpd in the winter to 700,000 gpd in the summer/fall months.

- Anticipated capacity issues are expected within the next 5-10 years due to increasing residential and commercial construction.

- The primary objective of this project is to determine the best strategies to update and expand the sewer plant to accommodate the growing needs of our community.

2.2. Project Goals

- Assess the condition of the existing sewer plant infrastructure.
- Evaluate the capacity requirements based on current and future demands.
- Develop a preliminary engineering report outlining potential upgrade and expansion solutions.
- Provide cost estimates and feasibility analysis for the proposed solutions.

3. Scope of Services

The selected engineering firm will be responsible for the following tasks:

3.1. Project Planning and Assessment

- Conduct a thorough assessment of the existing sewer plant infrastructure.
- Evaluate the plant's current capacity and identify deficiencies.
- Analyze projected growth and demand for the next 5-10 years.

3.2. Preliminary Engineering Report

- Develop a comprehensive preliminary engineering report.
- Present multiple upgrade and expansion options with pros and cons.

- Provide detailed cost estimates for each proposed solution, with energy efficiency as a key component.

- Include a feasibility analysis for each option.

3.3. Stakeholder Engagement

- Engage with Town of Murphy officials and stakeholders throughout the project.

- Provide regular updates and attend meetings as required.

3.4. Regulatory Compliance

- Ensure that all proposed solutions comply with relevant environmental and regulatory standards.

4. Submission Requirements

Qualified engineering firms are invited to submit their qualifications in response to this RFQ. Submissions should include the following:

4.1. Cover Letter

- A brief introduction of your firm and its qualifications.

- Contact information for the primary point of contact.

4.2. Qualifications

- Description of your firm's relevant experience in sewer plant upgrades and capacity expansion projects.

- Resumes of key personnel who will be involved in the project.

4.3. Project Approach

- A brief outline of your proposed approach to this project.

4.4. References

- Contact information for at least three references from similar projects.

5. Evaluation and Selection

Qualification submissions will be evaluated based on the following criteria:

- Relevant experience and expertise.

- Project approach and methodology.

- Availability of key personnel.

- References and past performance.

6. Submission Deadline

All submissions must be received by February 27 at 5 pm at the following address:

Mailed submissions:

Town Manager Chad Simons

5 Wofford Street

Murphy, NC 28906

Emailed submissions: manager@townofmurphync.com

Late submissions will not be considered.

7. Contact Information

For inquiries and clarifications regarding this RFQ, please contact:

Chad Simons

Town Manager

828-837-2510, ext. 4

manager@townofmurphync.com

We look forward to receiving your qualifications and working with a qualified engineering firm to address the crucial upgrades and capacity expansion of our sewer plant.

Town of Murphy

Jan. 23, 2024