



TOWN OF TALLULAH FALLS

REQUEST FOR PROPOSALS
FOR ENGINEERING SERVICES

FIRE PROTECTION PROJECT

OVERVIEW

The Town of Tallulah Falls (Town) is soliciting Request for Proposals (RFPs) from qualified Engineering Firms to provide a Professional Engineering Services for a potable water ground storage tank to provide fire protection. The Town estimates the tank will be between 25,000 and 75,000 gallons.

It is anticipated that the Town of Tallulah Falls will utilize funds that have been designated for public safety purposes.

The Professional Engineering Scope of Services will be divided into two phases.

- **Phase 1** will include a study to determine the best location for the potable water ground storage tank as well as recommended size. Tank location will be based on tank size, construction, terrain, access, impact to neighboring properties, availability, and other considerations. Phase 1 will also include a preliminary opinion of probable costs. Assume five (5) separate site locations will be evaluated.
- **Phase 2** will include final design of the chosen site, permitting, bidding, contracting, construction oversight, quality control, and project closeout.

Survey services as well as geotechnical services for the selected site location are not to be included in this proposal and will be negotiated at a later date. In Phase 2 no water main evaluation or design services are included; only connection from tank to existing water main is part of this scope.

All respondents to this RFP are subject to instructions communicated in this document and are cautioned to completely review the entire RFP and follow instructions carefully. The Town of Tallulah Falls reserves the right to reject any or all Proposals or to waive technicalities and informalities at the discretion of the Town.

All proposal submittals will be evaluated in accordance with applicable Town of Tallulah Falls rules, regulations and laws. Evaluation of firms submitting proposals for this project will be based on qualifications, experience and performance on past projects along with references.

This proposal will be evaluated using a multi-step process. The first step is to evaluate the “qualification” submissions. Factors to be considered in the evaluation include qualifications of the professional staff, experience on similar services, performance on past contracts and references for the same services.

The second step is to evaluate the fee proposals. A Lump Sum fee proposal for each phase is requested in a separate sealed envelope for the purpose of negotiating task orders to be assigned under this contract.

Firms should submit two (2) copies of the Technical Proposal and one (1) copy of the Fee Proposal. No proposal may be withdrawn for a period of (60) sixty days after time has been called on the date of opening.

The Town of Tallulah Falls is committed to providing all persons with equal access to its services, programs, activities, education, and employment regardless of race, color, national origin, religion, sex, familial status, disability or age.

All questions should be directed to Linda Lapeyrouse, Town of Tallulah Falls via email at clerk@tallulahfallsga.gov.

HISTORY

The Town of Tallulah Falls has approximately 70 water customers; all customers are on septic systems. The Town contracts the water operations through a private third-party entity.

Prior to 1979, the Tallulah Falls water supply consisted of a spring-fed system with a stone reservoir. The Town's current water source is the City of Demorest via a 12-inch water main that connects to the Town near the intersection of Moss Street and Main Street. See Exhibit A for a map of the Town's water system.

The Town's water system includes five separate pressure zones. This project will analysis of two: Pressure Zones No. 3 and No. 4. The proposed tank will be located in Pressure Zone No. 3 and provide service to Pressure Zone No. 4. See Exhibit B.

PRESSURE ZONE NO. 3

Pressure Level No. 3 is Hickory Nut Mountain. Water is pumped from the 20,000-gallon tank to the top of the mountain. Since there is no storage reservoir on the mountain, the variable speed supply pumps must provide a supply amount that equals the demand. This pumping condition is inefficient and reduces the useful life of the pumps. The 20 HP pumps that supply Pressure Level No. 4 have a maximum capacity between 75 and 115 gpm at the lifting pressure of 220 psi (Photo D). The hydraulic grade line for Pressure Level No. 4 is at 2,442 feet or approximately 63 feet above the top of the mountain, providing 26 psi water pressure at the top of the mountain.

PRESSURE ZONE NO. 4

Pressure Level No. 4 is an extension of Pressure Level No. 3 traveling down the north side of the mountain. Pressure Level No. 4 terminates at elevation 1815. A pressure reducing valve (PRV) is located at approximately 2029 feet to reduce the pressure at the lower terminus point of Pressure Level No. 4 to 120 psi. (The pressure would be around 273 psi at the terminus point without the PRV.)

CONTENT AND FORMAT OF PROPOSALS

Proposals shall be bound and contain a maximum of 40 pages. The following shall be addressed as a minimum, with sections tabbed with numbers as follows:

1. Introductory Letter
2. Section 1 – Company Experience
3. Section 2 – Project Team
4. Section 3 – Project References
5. Section 4 – Resumes
6. Appendix A – Letters of Reference
7. Appendix B – Required Forms
 - a. Business License & Professional License
 - b. Insurance Certificate
8. Cost Proposal (Provided separately in a sealed envelope)

SCHEDULE OF EVENTS

The following Schedule of Events represents the Community’s best estimate of the Schedule that will be followed. All times indicated are prevailing times in the Town of Tallulah Falls, Georgia. The Town reserves the right to adjust the Schedule as deemed necessary.

	Date	Time
Issuance of Public advertisement	06/04/2024	
Deadline for submission of written questions	06/27/2024	4:00 PM
Last day for addendum publication	07/03/2024	4:00 PM
Deadline for submission of Proposal	07/11/2024	4:00 PM

NIGP CODES AND DESCRIPTION

- 92517 Civil Engineering
- 92597 Water Supply, Treatment and Distribution Engineering
- 90694 Water Supply, Treatment and Distribution