

## REQUEST FOR STATEMENTS OF QUALIFICATIONS

The Town of Signal Mountain requests Statements of Qualifications from engineering firms capable of producing a comprehensive water system study within the areas serviced by the water department. This project will be funded by the town.

Specific aspects of the project are:

### Distribution System Analysis - Create a Water System Hydraulic Model- Tasks

1. Review existing distribution piping database materials, mapping and other distribution system records. Develop a hydraulic model of the water distribution network using modeling software compatible with ESRI Technology.
2. Perform hydrant flow tests in the Town.
3. Calibrate the hydraulic model using the flow tests described in Task 2 above.
4. Translate all hydraulic model files to the Town in a format for later use.
5. Use the hydraulic model to simulate transmission improvements within the water distribution system. The model will be used to simulate storage tank operation and filling, high and low pressures within the distribution system.
6. Review possible points of interconnection between the Signal Mountain portion of the water distribution system and surrounding communities to provide emergency interconnection.
7. Prepare and present a detailed report to the Town which includes all data collected, a comprehensive system map, models, forecasts, projections, cost estimates and recommendations.

Please submit 5 copies by 4:30 p.m. on January 29, 2010 to Honna Rogers, Town Manager, 1111 Ridgeway Avenue, Signal Mountain, TN 37377.

A selection committee will review the Statements of Qualifications. Finalists will be invited to make presentations on February 11, 2010. A contract will then be negotiated with the firm deemed most qualified for this project.

Attachment - Requirements for Statement of Qualifications

## REQUIREMENTS FOR STATEMENTS OF QUALIFICATIONS

Owner: Town of Signal Mountain

Project: Water Engineering Study

Please include the following information in your Statement of Qualifications:

1. A letter of interest signed by a principal of your firm with a statement as to the availability of the firm to complete the work within the stated time period, the firm's current workload, assurance of firm's insurance coverage, the location where the majority of the work on this project will be accomplished, and a statement of the firm's financial stability. This letter may include a brief history of the firm.
2. Resumes of key personnel to be assigned to this project.
3. Related projects that the firm has worked on or had experience in during the last two years. Please include the name of the project, a contact person, and dollar amount for each example (limit to five projects).
  - a) Include names, addresses and phone numbers of references.
  - b) Indicate individuals who had responsibility for each project and whether they are still with your firm.
  - c) Include examples of other projects that are similar in scope to this one.
4. You are invited to include a maximum of (5) pages of information not covered above, which you feel may be useful and applicable to this project.