

REQUEST FOR PROPOSALS (RFP)

Water System Improvements to Serve the Proposed Webster Village

Mountain Projects is soliciting proposals from qualified firms to provide professional planning, design and engineering services for water system improvements associated with the proposed Webster Village housing development.

This RFP is being issued to a select group of firms with demonstrated knowledge of the Tuckasegee Water & Sewer Authority (TWSA) service area and expertise in meeting water supply needs for both domestic use and fire protection. The Webster Village housing development project is a collaborative effort between Mountain Projects, Jackson County Economic Development, Givens Estates, and Western Carolina University. For this water infrastructure portion, Mountain Projects will serve as the lead entity, receiving proposals and working with partners to select the most qualified firm.

Scope of Services

The selected firm will be responsible for field work, design services, and project administration necessary to identify and implement the best approach for providing adequate water service to the development and the surrounding service area. Anticipated improvements may include, but are not limited to:

- Water main extension(s)
 - Ground storage tank(s)
 - Pump system or control valve(s) on the existing TWSA distribution system
 - Communications and control integration with the TWSA Water Treatment Plant
 - Associated appurtenances and telemetry
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Required Deliverables

1. Needs Assessment

- Conduct meetings with all project partners (including Jackson County Emergency Management) to confirm domestic and fire protection water needs for the proposed development.

2. System Review

- Review site improvement plans, development layouts, historical records, GIS data, and input from TWSA staff regarding the existing water distribution system.

3. Options Analysis

- Identify and recommend the most effective option(s) for new facility construction.

4. Design & Procurement Documents

- Prepare complete plans, specifications, permit applications, and easement documents.
- Manage bidding and construction administration, including periodic field inspections/observations.

5. Commissioning & Closeout

- Oversee system startup and commissioning.
- Provide as-built/record drawings in both hard copy (2 sets) and digital format (2 sets).