

**REQUEST FOR PROPOSAL
PIEDMONT TRIAD REGIONAL WATER AUTHORITY
U.S. Highway 311 SERVICE AREA STUDY
PROFESSIONAL ENGINEERING SERVICES
OCTOBER 2016**

The Piedmont Triad Regional Water Authority (“PTRWA”) in cooperation with the Cities of Archdale and Randleman and Randolph County will accept proposals for professional engineering services to evaluate potential water and sewer service areas along the Highway 311 corridor extending between the two cities in Randolph County. PTRWA is a regional partnership between the Cities of Archdale, Greensboro, High Point, Jamestown, Randleman and Randolph County with PTRWA currently supplying potable water to each entity based on a wholesale water agreement. Water is supplied to the partners through a transmission system of 48-inch, 24-inch and 18-inch ductile iron water pipe owned and maintained by PTRWA. There are currently no direct service connections to the PTRWA transmission lines, connections to the partners are through wholesale meter connections. PTRWA owns a transmission line that extends along the Highway 311 corridor between Archdale and Randleman; there are provisions along this transmission line for future wholesale meter connections. The Cities of Archdale and Randleman each currently operate independent water and wastewater systems serving their residents. Archdale is currently supplied water from PTRWA at a connection near the intersection of Highway 311 and Edgar Road and Randleman is supplied water from PTRWA at a connection near the intersection of Island Ford Road and Commonwealth Road. Archdale owns and operates a wastewater collection system with the waste currently being treated by agreement at the City of High Point’s Eastside wastewater treatment facility. Archdale’s collection system along the Highway 311 corridor currently extends on Highway 311 to Tom Hill Road. Randleman owns and operates its own wastewater collection and treatment system, with treatment being provided at its 1.745 MGD wastewater treatment facility. The current extent of Randleman’s water and sewer service along Highway 311 is between business 220 and the Timken manufacturing facility.

The purpose of this project is to examine potential growth areas along the Highway 311 corridor and identify the potential areas that could be served by each city’s water and wastewater systems given their current hydraulic, storage, treatment and supply capacities. The project should identify if there are potential synergies that exist that would make shared facilities such as storage, lift stations, meter stations and collection and distribution lines beneficial from a cost perspective in providing service to this area. PTRWA facilities in the service area should be examined for potential wholesale connections and as a possible avenue for meeting storage and pressure requirements. Randolph County’s Growth Management and recently completed Strategic Plan should be used as a basis for predicting future demand in this corridor, the Primary Growth Corridor

along Highway 311 as identified in the Growth Management Plan should be the main focus area for this evaluation.

It is expected that the final engineering report will identify potential service areas for each municipality, identify where the potential service areas should be connected to the existing systems, make recommendations regarding any potential jointly funded facilities, make recommendations regarding funding options for serving the Highway 311 corridor and identify significant deficiencies, potential permitting or regulatory issues in serving the area.

The specific details shown herein shall be considered minimum unless otherwise shown. The specifications, terms, and conditions included with this RFP shall govern in any resulting contract(s) unless approved otherwise in writing by PTRWA. There is no expressed or implied obligation for PTRWA to reimburse firms for any expenses incurred in preparing proposals in response to this request. The bidder consents to personal jurisdiction and venue in a state court of competent jurisdiction in Randolph County, North Carolina.

Submit responses to this Request for Proposal to Gregory T. Flory, Executive Director, Piedmont Triad Regional Water Authority, 7297 Adams Farm Road, Randleman, North Carolina 27317 no later than 4:00 p.m. on November 29, 2016.

Submitting Proposal: Each proposal shall be submitted in a separate sealed envelope and shall contain five (5) hard copies and one (1) electronic copy of the following information as a minimum.

- Completed Proposal Form
- Narrative describing proposal
- List of references with contact information
- List of related projects

Review of Proposals:

The proposals received will be reviewed by personnel from the Cities of Archdale and Randleman, Randolph County and PTRWA.

Please keep in mind that cost, while an important factor, will not be a sole determining factor. Unusually low bids that are obviously out of line with other

bidders will raise concern. The lowest bid will not automatically be awarded preferential consideration or the contract. The firm best meeting PTRWA's expectations of experience, project approach and cost requirements will be selected.

PTRWA reserves the right to reject any or all proposals, waive technicalities, and to be the sole judge of suitability of the services for its intended use and further specifically reserves the right to make the award in the best interest of the Authority.

Contact information:

Gregory Flory
Executive Directory
Piedmont Triad Regional Water Authority
P O Box 1326
Randleman, NC 27317
(336) 498-5510
gflory@ptrwa.org

Proposal Form for Engineering Services

We, _____ propose to provide engineering services in accordance with the Scope of Services for the U.S. Highway 311 Service Area Study as set forth by the Piedmont Triad Regional Water Authority:

Cost: \$ _____

Proposal Submitted By:

Signature: _____

Printed Name: _____

Title: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

Date: _____

SCOPE OF SERVICES

At a minimum it is expected that the following services will be required to meet the requirements of this Request for Proposal:

- Meet with Randolph County personnel to review growth plans for the Highway 311 corridor to develop a baseline for future water and sewer demands in the future service areas. Obtain and review previous water and sewer studies performed by the County that would be beneficial to this analysis;
- Meet with City of Archdale personnel to determine existing water and sewer demands and review mapping of current utility system and any existing plans for expansion. Obtain necessary hydraulic information to be able to make recommendations regarding the hydraulic and storage capabilities of the current system to meet the needs of the identified service areas;
- Meet with City of Randleman personnel to determine existing water and sewer demands and review mapping of current utility system and any existing plans for expansion. Obtain necessary hydraulic information to be able to make recommendations regarding the hydraulic and storage capabilities of the current system to meet the needs of the identified service areas;
- Meet with PTRWA personnel to review mapping of current transmission system and determine the intended location of future wholesale meter connections.
- Within 90 days of award of the contract provide the final report to PTRWA. At a minimum the report should identify potential service areas for each municipality, identify where the potential service areas should be connected to the existing systems, make recommendations regarding any potential jointly funded facilities, make recommendations regarding funding options for serving the Highway 311 corridor and identify significant deficiencies or potential permitting or regulatory issues in serving the area.
- Hold a contract closeout meeting with representative from the Cities of Archdale and Randleman, Randolph County and PTRWA to present the recommendations of the study and to answer any questions regarding the recommendations and future steps.