

REQUEST FOR QUALIFICATIONS
Avon Lake Regional Water
Redundancy and Future Capacity Plan
January 4, 2019

Avon Lake Regional Water produces water for more than 200,000 people at a 50 mgd water filtration plant (WFP) and then distributes the fresh water directly to a retail population of 24,000 and indirectly to 180,000 through seven bulk customers. In order to assure the most appropriate level of service to customers, Avon Lake Regional Water is seeking qualifications from engineering firms interested in helping provide guidance as to how to best assure a continuous supply of safe, fresh water to its retail and bulk customers.

During the past decades, Avon Lake Regional Water has expanded and high-rated its water filtration plant several times. However, equipment in the original plant built in the 1920s and the initial expansions built in the decades thereafter, is reaching the end of its useful life. Avon Lake Regional Water wants to determine options for continued water supply to the existing and future population that relies or will rely upon this service. Additionally, Avon Lake Regional Water would like to determine the most appropriate options for assuring redundancy in the major transmission lines that have experienced issues with corrosion and/or installation-related deficiencies.

Avon Lake Regional Water is seeking qualifications from firms with expertise in considering and budgetarily costing a wide variety of treatment and distribution alternatives. Water supply alternatives could include rehabilitation, expansion, purchase from other suppliers, or any number of other alternatives. Transmission alternatives could include rehabilitating/expanding existing lines, constructing new lines, collaboration with neighboring utilities, adding booster pumping stations, or other alternatives. Avon Lake Regional Water understands many firms have experience in these areas. Some aspects that will likely differentiate the firms best able to assist Avon Lake Regional Water with this project are knowledge of neighboring utilities and the ability to form collaborative partnerships, creative engineering and costing approaches to treatment and distribution projects, experience with condition assessments and modeling, and understanding the difficulties and costs of securing new distribution routes.

As a bare minimum, Avon Lake Regional Water needs to determine how to best provide capacity for existing and near-future demand in the greater service population and how to provide redundancy of supply and distribution to its bulk customers. The question is: what is the most appropriate and economical way to do so?

Firms interested in submitting qualifications must attend a pre-submission meeting at Avon Lake Regional Water's administration building at 201 Miller Road on January 22, 2019, at 1:00 PM and should RSVP to the email address below. Qualifications are due by noon, February 8, 2019. Please submit five qualifications books no longer than 30 double-sided pages, along with an electronic copy on a USB thumb drive, detailing the firm's related experience and the relevant experience of key project team members, along with a rough outline of how the firm would approach the assignment. Avon Lake Regional Water staff will review qualifications; may interview the top-ranked firms during the week of February 18, 2019; and intends to work further with the firm they feel best qualified to complete the master plan. If a mutually agreeable scope and budget cannot be achieved with the first firm, Avon Lake Regional Water reserves the right to negotiate with other qualified firms. These qualifications may also be used for considering other treatment/piping-related future projects.

Questions regarding this request for qualifications should be directed to:

Robert Munro
Chief of Utility Operations
Tel: 440-933-6226
Email: rmunro@avonlakewater.org