

JUNE 16, 2020

REQUEST FOR QUALIFICATIONS FOR PROFESSIONAL ENGINEERING SERVICES

SOUTHWEST LICKING COMMUNITY WATER & SEWER DISTRICT – SUMMIT ROAD FORCE MAIN PROJECT

OBJECTIVE

The objective is to request a statement of qualifications to select a qualified engineering firm to complete the engineering services required to design a 10" force main from the Districts current Annette & SR 16 Lift Station discharge point just south of the corner of Summit Road and East Broad Street to the Summit & SR 40 Lift Station (Approximately 12,600') for further conveyance in accordance with the project "Scope of Services" and Ohio EPA requirements.

BACKGROUND

Arcadis was hired in 2009 to review options to eliminate sanitary sewer overflow conditions in the Annette & SR 16 and Summit & SR 40 Lift Station Drainage Tributaries. As a result of that study, the District upgraded both lift stations to provide additional pumping capacity to the system. Additionally, the force main for the Annette & SR 16 Lift Station was upsized from 6" to 10". Hull & Associates, Inc. was hired in 2019 to review multiple options to remedy surcharged conditions on the the existing 12" sanitary sewer on Summit Road during excessive rain events. Several options were presented and the District has decided to extend the existing 10" force main on Summit Road to the Summit & SR 40 Lift Station to remove flow from the Annette & SR 16 Lift Station off of the 12" Summit Road Gravity Main.

SCHEDULE

It is currently anticipated that the District will require that project be designed and ready for bid by March 2021.

STATEMENTS OF QUALIFICATIONS

The specific format of the Qualifications shall be per the responding firm's judgment. In general, proposals shall be organized in a manner that will facilitate the evaluation of the responding firm under the criteria stated herein. Proposals shall be limited to 5 pages (front and rear) of content.

The District requests that a general list of projects of similar type with a detailed description of services rendered shall be represented in your statement of qualifications. The selected projects shall be a project that has been "up and running" for at least one year but no more than five years.

The responding firms are also requested to provide a proposed project team that will most likely work on this project.

INTERVIEWS

The District reserves the right to conduct face-to-face interviews with any, all or none of the responding firms. In the event the District selection committee deems interviews necessary to select the best firm, the District will establish a meeting at a mutually acceptable time. The District selection committee will meet with key members of the firm's proposed project team. It shall be the selection committee's sole decision on whether any interviews are held and with which firm's interviews are held.

The District will accept qualifications until **four o'clock July 10, 2020** at the District's office located at 8720 Gale Road SW, Hebron, OH 43025 or electronically submitted to cgilcher@swlcws.com.

The District retains the option of rejecting or accepting any Statements of Qualifications. Should a firm be selected and the District cannot negotiate a contract with the selected firm ranked best qualified, the District shall inform the firm of the termination of negotiations and enter into negotiations with the firm ranked next best qualified. If negotiations again fail, the same procedure shall be followed with each next best qualified firm selected until a contract is negotiated. However, the District retains the right to reject all proposals and initiate the process of obtaining Qualifications from qualified engineering firms at a later date.

Scope of Services

SWLCWSD Summit Road 10" Force Main Project

Phase I

1. Provide surveying for force main alignment and necessary easement acquisition for the project.
 - a. The survey at minimum shall include:
 - i. Topographic data acquired by GPS along the entire force main alignment using the state plane coordinate system
 - ii. Utility and property lines are to be located along with edge of pavement, ground, fences, and tree lines
 - iii. Benchmarks set at 1000 feet intervals
 - b. Assume no more than fifteen (15) easement acquisitions for the project
2. Design and prepare detailed plans for submission to the Ohio Environmental Protection Agency. Project plans at minimum must consist of the following:
 - a. Base map using the topographic survey data above
 - b. Detailed drawings of the force main from the connection point on Summit Road to the projected end point at the Summit & SR40 Lift Station
3. Evaluate existing Annette & SR 16 Lift Station 10" Force Main Conditions
 - a. Provide new total dynamic head calculations for force main extension
 - b. Evaluate existing pumps to ensure they are within the manufacturer specifications for the new pumping conditions
 - c. If necessary, design and prepare new pump design. Design shall include:
 - i. One and two pump curves
 - ii. Electrical modifications as necessary
 1. ARC Flash Analysis per NFPA 70E
 - iii. Plumbing modifications as necessary
4. Utilizing the SWLCWS District Construction Material Specifications develop specifications and bid documents for the project.

5. Develop maintenance of traffic plan per Ohio Department of Transportation specifications.
6. Develop a detailed, itemized construction cost estimate.
7. Develop proposed project implementation schedule including permitting, construction, and other related activities.
8. Provide technical support and assistance with review of the final plans and specifications.

Phase II

9. Provide cost for construction phase professional engineering services including contract administration, payment review, resident engineering inspection, etc. These services shall be considered and awarded at a different time if deemed necessary by the District.