Description Exhibit

Central Ohio, Pickaway County, Harrison Township, and Ashville

Detailed Description by Jones & Henry Engineers, Ltd.

General Description:

Statement of Understanding

The Village of Ashville is undertaking a project to install a new elevated water tower. The proposed tower will be on Village property located east of Princeton St. between Patrick Ave & Dowling Ave. The existing water distribution system will also be extended & modified to connect the new elevated water tower to the distribution system. There is an 8-inch & 12-inch water main adjacent to the site. We anticipate the new elevated water tower, site improvements & water main extension to be bid as a single project.

Project Approach

Jones & Henry scope of engineering services for the design of the elevated tank:

- Attend project kick-off meeting to discuss project specifics & all amenities to include in the design. Receive any project related information & data from the Village necessary for the design at or before this meeting. Discuss costs & features of various tank styles including single pedestal, legged, fluted column, & composite tanks.
- Prepare a preliminary design memorandum document for the elevated tank project. The document will confirm the tank's construction style & features, site improvements & outline necessary tasks for the completion of the design.
- Complete a topographical survey of the property for the proposed tank. Jones & Henry will subcontract with Cosler Engineering. OUPS will be contacted before the survey to locate underground utilities. To be more cost efficient we are proposing completing the water treatment plant site topographic survey simultaneously.
- Complete a geotechnical evaluation of the proposed tank location. Jones & Henry will subcontract with Geotechnical Consultants, Inc. (GCI). Jones & Henry will work with GCI to stake proposed boring locations. GCI will clear the area of brush/trees required to perform the borings. To be more cost efficient we are proposing completing the water treatment plant site geotechnical evaluation simultaneously.
- Contact several tank suppliers to obtain preliminary costs, tank styles, review existing geotechnical data & obtain up to date specifications & drawings.
- Prepare applications for required permits; permit fees will be the responsibility of the Village. Permits may include the FAA Form 7460, Building Permit, & Plan Review by OEPA.
- Prepare plans, bid specifications, & technical specifications for the water tower project
    - Drawings will include, plan view & elevations of the tank showing foundation, height to the overflow, piping connections, overflow details, site drainage, water mains, electrical, controls, lighting, heating, doors, cathodic protection, fence, telecommunication antenna & access road.
    - Specifications will include front end & bidding documents; & technical specifications related to the tank, concrete foundation, piping, valves, electrical, controls, cathodic protection, painting, & any site related features.
- Prepare the final Engineer's Opinion of Probable Construction Cost.

Assumptions:

- Tank volume & overflow height have been determined by others. For the purposes of the Geotechnical scope, assume a volume of 400,000 gallons.
- Power can be provided to site from adjacent property.
- Site does not require any other special permits than those listed in Scope.
- A preliminary review shows the site is not in the flood plain.