



Wastewater Utility

809 South State Street: Greenfield, Indiana 46140

wwtp@greenfieldin.org

Phone 317-477-4360 Fax 317-477-4361

August 13, 2019

Mayor Chuck Fewell
Board of Works & Public Safety
10 South State Street
Greenfield, IN 46140

Re: Wastewater Utility SCADA Upgrade – Request for Qualifications

Mayor and Board Members,

The current SCADA system for the wastewater utility is in need of an upgrade. The current system is operating on outdated hardware and software that are no longer supported by their respective manufacturers. This not only poses an operational risk if the computers were to fail, but it also poses a safety and security risk. This system is the main interface for the collection system lift station alarms and many of the treatment plant operational processes and alarms.

The design and build nature of this project will make it difficult to obtain quotes. I am requesting that the Board allow us to send out a Request for Qualifications to engineering and automation companies. A copy of the RFQ has been submitted for your review and comment. Please let me know if there are any questions regarding this request or if additional information needs to be included.

Best Regards,

Nicholas Dezelan, CHMM, ASP
Wastewater Utility Manager

cc: Michael Fruth, Utility Director
Dan Worl, Business Service Manager



Request for Qualifications
City of Greenfield WWTP SCADA Upgrade

Background

The city of Greenfield Wastewater Treatment Plant is seeking qualified engineering services for the design, build, and installation of new SCADA systems. The current system includes 2 PC's, one for the collection system and one for the treatment plant.

Project Requirements

The base system design should include all necessary licenses for live and historical tags, data collection software that allows multi-platform access to PLC data, alarm dialer software that include text, email, app, and phone capabilities, historical licenses and trending capability, ability to print trending and historical reports, and redundancy between the 2 PCs for back up purposes. The following additional items should be included as options: Rockwell Automation 5000 license, Excel Reporter Data Software, and the replacement of existing serial PLCs.

Project Exclusions

The city IT department will provide the following: the suggested PCs required for the project, setup all necessary security and remote access, provide all required communication lines (phone, internet), and provide the required Microsoft Office license.

Submittal Requirements

Firms interested in this project should submit their Statement of Qualifications to the wastewater utility manager at ndezelan@greenfieldin.org no later than 12:00 PM on August 21, 2019. Submittals should include a 1 page cover letter and a maximum of 10 pages to address the project requirements. A summary of similar completed projects with the customer name, address, email, and phone number of the primary contact should also be included in the SOQ. An additional 1-2 pages per person for resumes may also be included along with an organizational chart of the proposed project team.

Selection Process

Selection will be based on the history of the firm completing project of similar scope. The experience of the project manager and the project team will also be considered. The selection committee will be made up of city/utility employees with knowledge of the WWTP process and SCADA functionality. The final selection will be presented to the Board of Works and Public Safety for approval on August 27, 2019.

Questions regarding the scope of this project, or to schedule a visit to the facility and review the current system, should be directed to:

Nicholas Dezelan, CHMM, ASP
Manager – City of Greenfield Wastewater Utility
ndezelan@greenfieldin.org
317-538-3777

*Wastewater Utility
809 South State Street: Greenfield, Indiana 46140
wwtp@greenfieldin.org
Phone 317-477-4360 Fax 317-477-4361*