

Invitation to Bid for the Murphree Water Treatment Plant Electrical Upgrade

Water & Wastewater Systems
Gainesville Regional Utilities

August 17, 2016

Existing Facility

- Replacing the original electrical equipment installed in 1974 at the Murphree Water Treatment Plant



Project Justification

- Importance of drinking water system reliability
- End of equipment useful life
- Equipment manufacturer does not support the equipment
- Limited availability of parts
- Increased maintenance costs over last few years
- Location of the equipment in close proximity to the high service pumps poses a potential reliability/safety hazard

Project Scope

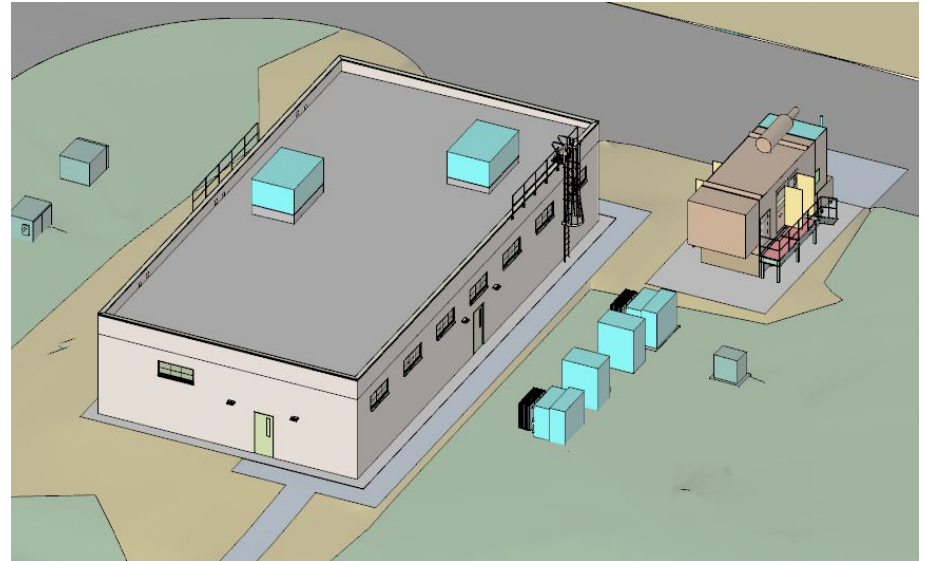
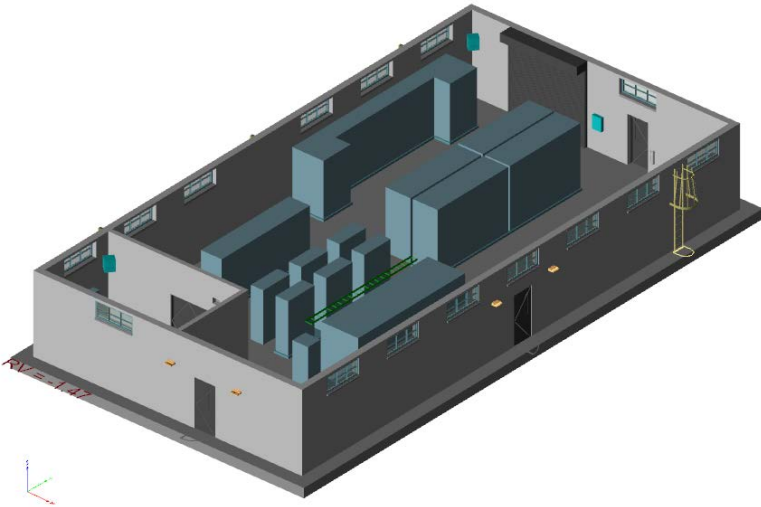
- New electrical equipment and conductors
- New electrical building
- New wiring to all major equipment
- New plant generator
- Entrance and security improvements
- Civil and storm water improvements

Project Key Elements

- Impacts every element of water treatment and pumping process
- Critical to maintain functionality of treatment plant during construction
- Requires highly skilled and experienced contractor that understands water treatment operation, construction sequencing, and safety

New Facility

- Engineer's Cost Estimate is \$10 - 12 million
- Construction funds have been planned in the water system capital budget for FY 17, 18, & 19



Proposed Evaluation Criteria

- Cost
- Experience
- Safety Rating
- Small or Service Disabled Business
- Local Preference

Schedule and Next Steps

- March 2015 – CC Approval to negotiate engineering services contract for design of project
- August 2016 – Complete Design
- September 2016 – Issue ITB
- November 2016 – Receive and Evaluate proposals
- January 2017 – UAB and CC Approval to Award
- February 2017 – Begin Construction on electrical system upgrade
- Spring 2019 – Complete construction of the electrical system upgrade