

## Legislation Details (With Text)

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**Title:** Construction Manager at Risk Services for the Sugar Creek Wastewater Treatment Plant Reliability Improvements Project

### Attachments:

Date	Ver.	Action By	Action	Result
2/12/2018	1	City Council Business Meeting	Approve	Pass

## Construction Manager at Risk Services for the Sugar Creek Wastewater Treatment Plant Reliability Improvements Project

### Action:

**Award a contract in the amount of \$23,499,728 to the Construction Manager at Risk, Garney Companies, Inc. for the Construction Phase of the Sugar Creek Wastewater Treatment Plant Reliability Improvements project.**

### Staff Resource(s):

Angela Lee, Charlotte Water  
Ron Hargrove, Charlotte Water  
Carl Wilson, Charlotte Water

### Explanation

- The Sugar Creek Wastewater Treatment Plant, near South Park at Fairview Road, is one of Charlotte Water's oldest treatment plants, originally constructed in the 1920s, with major improvements in the 1950s, 1980s, and 1990s.
- The primary objectives of the Reliability Improvements project are to identify and implement required upgrades to continue treating daily plant flow, while meeting all existing discharge permitting requirements, and adding chemical nutrient removal capability.
- Upgrades include:
  - Aeration system and lift station improvements,
  - Effluent filter upgrades, and
  - Instrumentation and control improvements.
- Charlotte Water will use the Construction Manager at Risk (CMAR) project delivery method to provide more certainty with respect to project cost and schedule, mitigate risk during construction, enhance Minority and Women Business Enterprise participation, and allow for more effective coordination of construction and start-up activities with Charlotte Water operations staff.
- This contract with Garney Companies, Inc. is for Construction Phase Services, including coordination of all construction activities, managing all subcontractors, delivering the project on schedule and on budget, and construction phase collaboration with Charlotte Water and the engineering design consultant.
- On February 17, 2016, the City issued a Request for Qualifications; six responses were received from interested service providers.

- Garney Companies, Inc. was determined to be the best qualified firm to meet the City's needs in terms of firm and project team member experience.
- The project is anticipated to be complete by fourth quarter of 2019.

### **Background**

- Charlotte Water presented this project and the CMAR delivery method to the Charlotte Water Advisory Committee on October 15, 2015, and to the City Council Environment Committee on November 11, 2015.
- On November 23, 2015, City Council approved a contract with HDR Engineering Inc. of the Carolinas for final engineering design services, CMAR procurement assistance, and construction administration.
- On May 23, 2016 City Council approved a contract with Garney Companies, Inc. for Preconstruction Phase services.

### **Minority and Women Business Enterprise Opportunity**

Goals were established per the North Carolina Clean Water State Revolving Fund loan program guidelines.

Established MWBE Goal: 10%

Committed MWBE Goal: 10.66%

Garney Companies, Inc. exceeded the established subcontracting goal and has committed 10.66 percent (\$1,654,268) of the total contract amount to the following certified firms:

- CITI LLC (MBE) (\$1,249,268) (instrumentation and controls)
- Mayer Electric Supply Co. Inc. (MBE) (\$350,000) (electrical supplies)
- Southeast Plumbing Distributors LLC (WBE) (\$53,000) (plumbing supplies)
- L&L Metals Inc. (MBE) (\$2,000) (ductwork fabrication)

### **Fiscal Note**

Funding: Charlotte Water Community Investment Plan