

## Legislation Text

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File #: 15-9857, Version: 1

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### **Pump Stations, Force Main, and Receiving Sewer Improvements Design-Build Services**

#### **Action:**

- A. Approve a contract in the amount of \$4,849,802.80 with State Utility Contractors, Inc. for Phase 1 Design-Build Services for the Paw Creek Pump Station and force main improvements, Six Mile Creek Pump Station improvements, Coffey Creek interceptor condition assessment and rehabilitation, and Taggart Creek gravity sewer flow diversion structure projects, and**
- B. Authorize the City Manager to acquire all easements and real property interests, including by condemnation, when necessary, for construction of the project.**

#### **Staff Resource(s):**

Angela Lee, Charlotte Water  
Ron Hargrove, Charlotte Water  
Mike Davis, Engineering and Property Management  
Tony Korolos, Engineering and Property Management

#### **Explanation**

- These projects will improve the reliability and capacity of the Paw Creek Pump Station and its receiving sewers for the areas north of Charlotte Douglas International Airport (Council Districts 2 and 3) and future sewer flow from the City of Mount Holly, as well as improve the reliability of the Six Mile Creek Pump Station that serves the southern part of Mecklenburg County (Council District 7) and a portion of Union County.
- The Coffey Creek Interceptor and Taggart Creek Gravity Sewer are the receiving sewers for the Paw Creek Pump Station. Due to the Paw Creek Pump Station improvements, the Coffey Creek Interceptor (Council District 3) will need to be assessed and rehabilitated to extend its service life. The Taggart Creek Gravity Sewer Flow Diversion Structure (Council District 3) is needed to manage the increased flows coming from the Paw Creek Pump Station, allowing flow to be diverted between two wastewater treatment plants.
- These projects will be completed in multiple phases, and are being delivered in close coordination with existing airport projects and the upcoming Mount Holly Pump Station and Force Main project.
- This contract includes preliminary construction, equipment procurement, design services, and development of a guaranteed maximum price (GMP) for construction of the remainder of the project.
- The project will require the acquisition of easements along the sewer main corridor. During acquisition negotiation, property owners will have an opportunity to voice comments and concerns about the alignment of the sewer and easement acquisition affecting their property.
- On October 11, 2018, the City issued a Request for Qualifications (RFQ); four proposals were received.
- State Utility Contractors, Inc. is the best qualified firm to meet the City's needs on the basis of demonstrated competence and qualification of professional services in response to the RFQ requirements.
- In the future, Council will receive a request for the approval of the GMP once it is established.

### **Charlotte Business INclusion**

The City negotiates participation for Design-Build contracts after the firm is selected and scopes of work are defined for design and construction services (Part G: Section 2.7 of the Charlotte Business INclusion Policy). State Utility Contractors, Inc. has committed 20.50% (\$994,405) of the total contract for Phase 1 Design-Build Services to the following certified firms:

- Gavel & Dorn Engineering, PLLC (SBE) (\$633,675) (pipeline condition assessment)
- CES Group Engineers, LLP (SBE, WBE) (\$120,700) (surveying)
- TEC Electric, LLC (SBE, MBE) (\$60,680) (electrical design quality assurance/control and constructability review)
- Gulf Coast, LLC (SBE) (\$50,000) (real estate acquisition services)
- CITI, LLC (MBE) (\$45,000) (SCADA integration services)
- Sweetwater Utility Exploration, LLC (SBE) (\$44,250) (subsurface utility locates)
- Joel E. Wood & Associates, PLLC (SBE) (\$19,300) (geotechnical and material testing)
- Avioimage Mapping Services, Inc. (SBE) (\$14,800) (aerial photography and digital mapping)
- Mid-Carolina Reprographics, LLC (SBE, WBE) (\$6,000) (copying and reproduction)

MWSBE goals will be refined as the City works through the GMP process. The request for Council approval of the GMP, at a later date, will also include a determination of the MWSBE goals for the entire project.

### **Fiscal Note**

Funding: Charlotte Water Community Investment Plan

### **Attachment(s)**

Map