

## Legislation Text

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File #: 15-9628, Version: 1

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### **McAlpine Creek Wastewater Treatment Plant Reliability and Process Improvements Design-Build Construction Phase**

#### **Action:**

**Approve a guaranteed maximum price of \$12,400,000 to Garney Companies, Inc. for the purchase of wastewater treatment equipment needed for Phase 2 Design-Build Construction Services for the McAlpine Creek Wastewater Treatment Plant reliability and process improvements project.**

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

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

#### **Explanation**

- This action will approve the guaranteed maximum price (GMP) for Design-Build services for the current phase of the McAlpine Creek Wastewater Treatment Plant reliability and process improvements project.
- The GMP is the maximum cost to purchase equipment required to complete a major component of the overall project, as well as additional professional services for design.
- Equipment will be purchased all at once to receive significant volume discounts and savings, and reduce the risk of future price escalation.
- This project will rehabilitate or replace critical components of the wastewater treatment process systems at the McAlpine Creek Wastewater Treatment Plant, located in the Town of Pineville (adjacent to Council District 7), to ensure reliable discharge permit compliance.
- On February 26, 2018, Council approved a contract with Garney Companies, Inc. for Phase 1 Design-Build Services for design of a full scale process pilot with associated tasks.
- On May 14, 2018, Council approved a contract with Garney Companies, Inc. for construction of the full scale process pilot, analysis of data resulting from the pilot, and recommendations of options for future phases of the project.
- This project will be designed and constructed in phases over a span of up to five years and has an estimated construction cost of approximately \$120 million.
- Council will receive requests for the approval of the GMP for each additional phase as they are established.

#### **Charlotte Business INclusion**

The City negotiates subcontracting participation for Design-Build contracts after scopes of work are defined for design and construction services (Part G: Section 2.7 of the Charlotte Business INclusion Policy). Garney Companies, Inc. has committed 11.26% (\$400,000), excluding wastewater treatment equipment purchase, to the following certified firms:

- CITI, LLC (MBE) (\$50,000) (instrumentation and control)
- Southeastern Consulting Engineers, Inc. (SBE) (\$335,000) (electrical design)
- Joel E. Wood & Associates (SBE) (\$15,000) (geotechnical engineering)

#### **Fiscal Note**

Funding: Charlotte Water Community Investment Plan

**Attachment(s)**

Map