

Legislation Details (With Text)

File #:	15-11249	Version:	1	Name:	
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On agenda:	9/23/2019	Final action:	9/23/2019		
Title:	Construct McAlpine Creek Wastewater Treatment Plant Reliability and Process Improvements				
Attachments:	1. Map-McAlpine Creek Wastewater Treatment Plant Reliability and Process Improvements Construction				

Date	Ver.	Action By	Action	Result
9/23/2019	1	City Council Business Meeting	Approve	Pass

Construct McAlpine Creek Wastewater Treatment Plant Reliability and Process Improvements

Action:

- A. Approve a guaranteed maximum price of \$43,494,549 to Garney Companies, Inc. for Design-Build construction services for the McAlpine Creek Wastewater Treatment Plant Reliability and Process Improvements project, and**
- B. Approve contract amendment #1 for \$2,931,730 to the contract with Black and Veatch International Company for consultant services for the McAlpine Creek Wastewater Treatment Plant Reliability and Process Improvements project.**

Staff Resource(s):

David Czerr, Charlotte Water
Ron Hargrove, Charlotte Water
Carl Wilson, Charlotte Water

Explanation

- This project will rehabilitate or replace critical components of the wastewater treatment process systems at the McAlpine Creek Wastewater Treatment Plant (WWTP), located in the Town of Pineville (adjacent to Council District 7), to ensure reliable discharge permit compliance.

Action A

- Garney Companies, Inc. has developed a guaranteed maximum price (GMP) for construction of aeration tank improvements.
- 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 \$120,000,000. The first phase contract was approved by City Council on February 26, 2018, with subsequent phase approvals on May 14, 2018, January 14, 2019, and May 13, 2019.
- In the future, Council will receive requests for the approval of remaining project GMPs once they are established.

Action B

- This contract amendment is for additional consultant services associated with the design of the process pilot and the accelerated schedule for the overall project. The full-scale process pilot will provide necessary data to implement improvements to the wastewater treatment process that could result in significant savings in chemical and energy costs.

- On December 12, 2016, Council approved a contract with Black and Veatch International Company for consultant services.
- The new value of the contract including the amendment will be \$7,505,728.

Charlotte Business INClusion

Action A - Construction Contract

The city negotiates subcontracting participation for Design-Build contracts after scopes of work are defined for construction services (Part G: Section 2.7 of the Charlotte Business INClusion Policy). Garney Companies, Inc. has committed 18.26% (\$7,943,847) to the following certified firms:

- CITI, LLC (MBE) (\$3,970,747) (instrumentation and control services)
- East Coast Construction Services, LLC (WBE) (\$3,268,600) (electrical services)
- Southeastern Consulting Engineers, Inc. (SBE) (\$603,000) (electrical design)
- JB Long Photography (SBE) (\$70,000) (construction photography)
- Richa Graphics (SBE) (\$16,500) (printing services)
- Joel E. Wood & Associates, PLLC (SBE) (\$15,000) (geotechnical)

Action B - Contract Amendment

All additional work for this amendment will be performed by Black and Veatch International Company and their existing subconsultants (Part D: Section 6 of the Charlotte Business INClusion Policy). Black and Veatch International Company has committed 3.41% (\$100,000) of the total amendment to the following certified firms:

- The Survey Company, Inc. (SBE) (\$70,000) (surveying)
- Chef Charles Catering Inc. (SBE) (\$30,000) (catering)

Fiscal Note

Funding: Charlotte Water Capital Investment Plan

Attachment(s)

Map