

## Legislation Details (With Text)

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<b>Type:</b>	Consent Item	<b>Status:</b>		Approved	
<b>File created:</b>	2/25/2019	<b>In control:</b>		City Council Business Meeting	
<b>On agenda:</b>	3/25/2019	<b>Final action:</b>		3/25/2019	
<b>Title:</b>	Vest and Franklin Water Treatment Plants Upgrades				
<b>Attachments:</b>	1. Vest WTP Map, 2. Franklin WTP Map				

Date	Ver.	Action By	Action	Result
3/25/2019	1	City Council Business Meeting	Approve	Pass

## Vest and Franklin Water Treatment Plants Upgrades

### Action:

- A. Approve a contract in the amount of \$29,995,350 to the lowest responsive bidder Wharton-Smith, Inc. for Vest and Franklin Water Treatment Plants upgrades, and**
- B. Approve contract amendment #1 for \$2,608,000 to the Black & Veatch International Company contract for construction administration and inspection services for the Vest and Franklin Water Treatment Plants upgrades.**

### Staff Resource(s):

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

### Explanation

- These contracts will provide upgrades and rehabilitation for the Vest Water Treatment Plant (WTP), located on Beatties Ford Road, and the Franklin WTP, located on Brookshire Boulevard (both located in Council District 2).
- The Vest WTP treats on average up to 18 million gallons of water per day and was constructed in 1922, with the last major upgrade taking place in 1994. The Franklin WTP treats on average up to 110 million gallons of water per day and was constructed in 1959, with the last major upgrade taking place in 2004.
- This project will replace existing equipment that is reaching the end of its useful life, as well as extend the service life of other equipment, at both treatment plants.
- Vest WTP upgrades will include raw water influent improvements, sedimentation basin improvements, and filter upgrades and rehabilitation.
- Franklin WTP upgrades will involve the rehabilitation of 12 large-scale filters. The filters were originally installed from 1959 to the 1970s. Rehabilitating these filters will extend their service life and improve the reliability of the filters.

### Action A

- On December 19, 2018, the City issued an Invitation to Bid (ITB); two bids were received. G.S. 143-132 prohibits municipalities from awarding construction contracts over \$500,000 without receiving at least three competitive bids from the initial advertisement of the contract. The City may subsequently award the contract even if re-advertisements result in fewer than three competitive bids.
- On February 6, 2019, the ITB was re-issued; two bids were received.
- Wharton-Smith, Inc. was selected as the lowest responsive, responsible bidder.

- The project is anticipated to be complete by third quarter of 2021.

#### Action B

- On October 10, 2016, Council approved a professional engineering services contract with Black & Veatch International Company for \$2,750,733 to provide design and construction services for the project.
- The Vest WTP upgrades project was originally planned to be completed in three separate phases, but was combined into a single phase of construction to take advantage of economies of scale. The original contract only covered phase 1, therefore an amendment is needed to cover this work in a single phase.
- The new total value of the contract is \$5,358,733.

### **Charlotte Business INclusion**

#### Action A

Established MSBE Goal: 10.00%

Committed MSBE Goal: 4.30%

Wharton-Smith, Inc. did not meet the established subcontracting goal, but earned the required Good Faith Effort points (Part B: Section 5 of the Charlotte Business INclusion Policy). Wharton-Smith, Inc. has committed 4.30% (\$1,007,330) of the total contract amount (excluding allowances of \$6,715,290) to the following certified firm(s):

- Bonilla Brothers LLC (SBE, WBE) (\$928,330) (roofing)
- Maybury Fencing Inc. (SBE) (\$74,000) (fencing)
- Buffkin Trucking Inc. (SBE, MBE), Diamond Trucking of NC Inc (SBE, MBE), Motus Transportation LLC (SBE), and Streeter Trucking Company (SBE) (\$5,000) (hauling)

#### Action B

The City negotiates subcontracting participation after the firm is awarded this services contract (Part C: Section 2.1(h) of the Charlotte Business INclusion Policy). Black & Veatch International Company has committed 20.71% (\$540,000) of the total contract amount to the following certified firms:

- Capstone Civil Engineering, Inc. (SBE, MBE) (\$220,000) (geotechnical, material testing, and inspection services)
- Southeastern Consulting Engineers, Inc. (SBE) (\$190,000) (electrical construction services)
- Stewart Engineering Inc. (MBE) (\$70,000) (surveying, scanning and aerial photos)
- TKG, PLLC (SBE, WBE) (\$50,000) (document management and e-builder support)
- Richa Graphic (SBE) (\$10,000) (reproduction)

### **Fiscal Note**

Funding: Charlotte Water Community Investment Plan

### **Attachment(s)**

Maps