



Legislation Details (With Text)

<b>File #:</b>	15-9331	<b>Version:</b>	1	<b>Name:</b>	
<b>Type:</b>	Consent Item	<b>Status:</b>		Approved	
<b>File created:</b>	10/3/2018	<b>In control:</b>		City Council Business Meeting	
<b>On agenda:</b>	1/14/2019	<b>Final action:</b>		1/14/2019	
<b>Title:</b>	Franklin and Dukes Water Treatment Plants Improvements				
<b>Attachments:</b>	1. Map 1-Water Treatment Plant Water Quality Optimization and Fluoride System and Fire Alarm Improvements, 2. Map 2-Water Treatment Plant Water Quality Optimization and Fluoride System and Fire Alarm Improvements				

Date	Ver.	Action By	Action	Result
1/14/2019	1	City Council Business Meeting	Approve	Pass

**Franklin and Dukes Water Treatment Plants Improvements**

**Action:**

- A. Approve a contract in the amount of \$5,615,000 to the lowest responsive bidder The Harper Corporation-General Contractors for the Franklin and Dukes Water Treatment Plant improvement projects, and**
- B. Approve a contract for up to \$675,660 with Hazen and Sawyer for engineering services.**

**Staff Resource(s):**

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

**Explanation**

Action A

- This contract will replace chemical feed systems at the Franklin Water Treatment Plant (WTP), located on Brookshire Boulevard (Council District 2), and the fluoride storage system and fire alarm system at the Lee S. Dukes WTP, located in the Town of Huntersville (adjacent to Council Districts 2 and 4).
- On November 9, 2018, the City issued an Invitation to Bid; three bids were received.
- The Harper Corporation-General Contractors was selected as the lowest responsive, responsible bidder.
- The project is anticipated to be complete by the second quarter of 2020.

Action B

- This contract provides engineering services for construction administration, construction surveying, and inspection services for both projects.
- On March 23, 2015, City Council approved a contract with Hazen and Sawyer for the design of water quality optimization recommendations, including the design of the Franklin WTP improvements project. The approval also included the selection of Hazen and Sawyer for future phases of work on the project, including the current contract request for construction related engineering services for the project.
- On July 24, 2017, Council approved a contract with Hazen and Sawyer for miscellaneous engineering services, which included the design of the Dukes WTP improvements project.
- For efficiency of engineering resources, and to increase competition during the bid phase, it was

decided to combine the design projects into one construction contract, administered by Hazen and Sawyer.

### **Charlotte Business INclusion**

#### Action A

Established MSBE Goal: 7.00%

Committed MSBE Goal: 9.08%

The Harper Corporation-General Contractors met the established subcontracting goal and has committed 9.08% (\$509,800) of the total contract amount to the following certified firm(s) (Part B: Section 3 of the Charlotte Business INclusion Policy):

- All Systems Restored HVAC & Electrical LLC (MBE) (\$323,000) (fire alarm electrical)
- BW Service Solutions (SBE) (\$186,800) (piping)

#### Action B

The City negotiates subcontracting participation after the firm is selected for this services contract (Part C: Section 2.1(h) of the Charlotte Business INclusion Policy). Hazen and Sawyer has committed 7.79% (\$52,630) of the total contract amount to the following certified firm:

- Froehling & Robertson, Inc. (MBE) (\$52,630) (construction material testing)

### **Fiscal Note**

Funding: Charlotte Water Community Investment Plan

### **Attachment(s)**

Map