

## Legislation Details (With Text)

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**Title:** Irwin Creek Treatment Plant Phase 2 Project - Construction Change Order

**Attachments:** 1. Irwin Creek WWTP Map

Date	Ver.	Action By	Action	Result
5/22/2017	1	City Council Business Meeting	Approve	Pass

## Irwin Creek Treatment Plant Phase 2 Project - Construction Change Order

### Action:

- A. Approve change order #1 for \$3,091,052 to Ulliman Schutte Construction, LLC for the Irwin Creek Treatment Plant Phase 2 Project, and**
- B. Approve contract amendment #2 for \$349,348 to Hazen and Sawyer for engineering construction administration services for the Irwin Creek Treatment Plant Phase 2 Project.**

### Staff Resource(s):

Barry Gullet, Charlotte Water  
Carl Wilson, Charlotte Water

### Explanation

- The Irwin Creek Wastewater Treatment Plant Project is located on Westmont Drive in West Charlotte.
- The Plant is currently undergoing extensive renovations known as the Irwin Creek Phase 2 Project. Construction will be completed in the spring of 2019.
- The plant has three existing secondary clarifiers which were constructed in 2000. Clarifiers are circular concrete tanks with metal working components and are 125 feet in diameter.
- The repair and replacement of the existing secondary clarifiers was initially planned as a future project; however, the metal and concrete deterioration rate and age of the equipment requires faster action to prevent failure.

### Action A

- On January 11, 2016, City Council awarded the low bid price of \$39,732,000 to Ulliman Schutte Construction, LLC.
- The bid included the addition of a new fourth secondary clarifier adjacent to the three existing clarifiers described above.
- Based on inspection results, it is recommended that replacing the mechanisms and associated

work proceed as a Change Order to Ulliman Schutte's construction contract.

- The Change Order will accelerate clarifier rehabilitation.
- The Change Order price is based on existing bid price and similar recently performed work.
- The new total value of the contract is \$42,823,052.

#### Action B

- On January 13, 2014, City Council awarded the engineering firm of Hazen and Sawyer a contract for design and construction administration services in the amount of \$4,132,979.
- On January 29, 2016, Amendment #1 was approved for no additional cost. This amendment restructured unused allowances to provide for additional construction administration services.
- Amendment #2 provides for:
  - Additional construction administration services for the time extension for construction.
  - Additional field design services due to changed conditions and constructability issues.
- The new total value of the contract is \$4,482,327.

### **Charlotte Business INclusion**

#### Action A

Work involved will be performed by Ulliman Schutte Construction, LLC and their existing subcontractors (Part D: Section 6 of the Charlotte Business INclusion Policy). However, Ulliman Schutte Construction has increased their original SBE utilization commitment from 2.43% (\$879,983) to 2.91% (\$1,248,047).

#### Action B

Work involved will be performed by Hazen and Sawyer and their existing subconsultants (Part D: Section 6 of the Charlotte Business INclusion Policy). However, Hazen and Sawyer has increased their original SBE utilization commitment from 5.11% (\$211,195) to 5.56% (\$249,345).

### **Fiscal Note**

Funding: Charlotte Water Community Investment Plan

### **Attachment(s)**

Map