

Legislation Details (With Text)

File #:	15-9099	Version:	1	Name:	
Type:	Consent Item	Status:		Approved	
File created:	8/31/2018	In control:		City Council Business Meeting	
On agenda:	1/14/2019	Final action:		1/14/2019	
Title:	Process Improvements Study for Irwin Creek and Sugar Creek Wastewater Treatment Plants				
Attachments:	1. Map 1-Irwin Creek and Sugar Creek Wastewater Treatment Plants Process Improvements Study, 2. Map2-Irwin Creek and Sugar Creek Wastewater Treatment Plants Process Improvements Study				
Date	Ver.	Action By	Action		Result
1/14/2019	1	City Council Business Meeting	Approve		Pass

Process Improvements Study for Irwin Creek and Sugar Creek Wastewater Treatment Plants

Action:

Approve a contract in the amount of \$556,777 with HDR Engineering Inc. of the Carolinas for professional engineering services for a process improvements study for the Irwin Creek and Sugar Creek Wastewater Treatment Plants.

Staff Resource(s):

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

Explanation

- This contract will provide professional engineering services to evaluate and provide recommendations for process improvements at the Irwin Creek Wastewater Treatment Plant (WWTP) (Council District 3) and the Sugar Creek WWTP (Council District 6).
- Infrastructure and equipment associated with disinfection and pumping processes are nearing the end of their useful lives.
- Due to the need to address the aging infrastructure, a study will be commissioned to identify process improvements and technology advancements that can be incorporated into each project to improve the overall performance of the plants.
- On September 25, 2018, the City issued a Request for Qualifications (RFQ); three proposals were received.
- HDR Engineering Inc. of the Carolinas was determined to be the best qualified firm to meet the City's needs on the basis of demonstrated competence and qualification of professional services in response to the RFQ requirements.
- Conditional on the study's findings, City Council may be asked to approve a design contract or alternative project delivery contract in third quarter 2020.

Charlotte Business INclusion

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). HDR Engineering Inc. of the Carolinas has committed 10.06% (\$56,000) of the total contract amount to the following certified firms:

- CriTek Engineering Group, P.C. (SBE, MBE) (\$31,000) (condition assessment services)
- Capstone Civil Engineering, Inc. (SBE, MBE) (\$14,000) (geotechnical engineering services)
- R. Joe Harris & Associates, Inc. (SBE) (\$8,000) (surveying)

- Chef Charles Catering Company (SBE) (\$1,500) (workshop meal catering)
- Richa Graphics (SBE, MBE) (\$1,500) (document/graphic reproduction)

Fiscal Note

Funding: Charlotte Water Community Investment Plan

Attachment(s)

Maps