File #: 15-13375, **Version:** 1

Process Improvement Design Services for Irwin Creek and Sugar Creek Wastewater Treatment Plants

Action:
Approve a contract for $883,665 with HDR Engineering Inc. of the Carolinas for professional engineering services for process improvements for the Irwin Creek and Sugar Creek Wastewater Treatment Plants.

Staff Resource(s):
David Czerr, Charlotte Water
Ron Hargrove, Charlotte Water
Carl Wilson, Charlotte Water

Explanation
- This contract will provide professional engineering services to design process improvements at the Irwin Creek Wastewater Treatment Plant (WWTP) (Council District 3) and the Sugar Creek WWTP (Council District 6) based on evaluations and recommendations provided by HDR Engineering Inc. of the Carolinas under the previously approved process improvements study.
- Infrastructure and equipment associated with disinfection and pumping processes are nearing the end of their useful lives.
- On January 14, 2019, City Council approved a contract for a process improvements study with HDR Engineering Inc. of the Carolinas for the Irwin Creek and Sugar Creek WWTPs.
- It is anticipated that a construction contract will be presented to CIty Council for approval in third quarter 2021.

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 $33,475 or approximately 3.79% of the total contract amount to the following certified firms:
- CES Group Engineers, LLP (WBE, SBE) ($22,000) (surveying and civil engineering design services)
- Froehling & Robertson, Inc. (MBE) ($9,475) (geotechnical design services)
- Richa Graphics (MBE, SBE) ($2,000) (print and reproduction services)

Fiscal Note
Funding: Charlotte Water Capital Investment Plan