

CONTRACT

210535

Ordinance Fact Sheet

Amendment Form

Brief Title _____ **Approval Deadline** _____

Authorizing an Amendment No. 1 to the _____

Design Professional Services contract _____

for the Burlington Creek and Riverside _____

Pump Station Replacement Interceptor _____

project. _____

Reason _____

To authorize execution and expenditures of a Design Professional _____

Services contract amendment. _____

Details

Reason for Contract

This proposed ordinance is needed in order to amend the Burlington Creek and Riverside Pump Station Replacement Interceptor design professional services contract to include Final Design and Bidding Phase Services.

The Burlington Creek Pump Station is located at 4700 NW Green Hills Road.

The Riverside Pump Station is located on the NE corner of the intersection of Highway 9 and NW Northwood Road.

Discussion

Project Justification

The Water Services Department (WSD) undertook the project to have a preliminary design study of the Burlington Creek Pump Station and Riverside Pump Station to evaluate needed improvements to facility operation and performance (system hydraulics/capacity). Results of the study will lead to design and construction phase of recommended/needed improvements.

After reviewing the alternatives developed in the preliminary design phase, it was decided to proceed with alternative 2 from the final preliminary design report. This alternative consists of the decommissioning of both pump stations, and replacing them with a gravity sewer system that will be able to convey the flows identified from both watersheds.

Contract Summary/Project Description

The City entered into a \$293,832.00 contract with Environmental Advisors and Engineers, Inc. on April 20, 2020 for the Burlington Creek Pump Station (BCPS) and Riverside Pump Station (RSPS) Replacement Interceptor project.

Scope of work included the following tasks:

- Condition assessment of BCPS and RSPS and associated forcemains;
- Hydraulic analysis of BCPS and RSPS utilizing standards established by the Hydraulic Institute;
- Connectivity assessment of forcemains to evaluate the number and location of private grinder pump connection(s) to forcemains for BCPS and RSPS;
- Functionality assessment of Pied Creek Pump Station and Forcemain;
- Watershed assessment and collection system analysis to determine flow requirements for sizing planned improvements to pump stations and forcemains;
- Alternatives analysis for improvements to BCPS and RSPS and forcemains;

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs Affected	Water Services Department
Recommended Awardee	Environmental Advisors and Engineers, Inc.
Contract Compliance Certification Obtained?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Opponents	Groups or Individuals None known Reason for Opposition
Responsibilities	Design Engineering: Environmental Advisors and Engineers, Inc. Inspections: Construction or Project Management: Service Monitoring:

Policy/Program Impact

Policy or Program Emphasis Change	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Operational Impact Assessment	

