



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: August 17, 2020

Re: Authorizing an agreement for professional engineering services with Black & Veatch Corporation for design of a New Southeast Pump Station.

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing the City Manager to execute an agreement with Black & Veatch Corporation for a not to exceed amount of \$748,669 to provide professional engineering services related to a New Southeast Pump Station. Black & Veatch Corporation was selected for this project in accordance with the City's professional consultant procurement guidelines.

Discussion

In 2008 Jacobs Engineering provided the City with the Long Range Water System Study which identified a need for a future booster pump station in the southeast portion of the City's water service territory. An update to this study was provided in 2015. The 2008 Study originally recommended construction of the station in 2019.

In the last decade, particularly the last five years, the City has seen significant development in the southeast portion of its water service territory necessitating the need to accelerate design of the Southeast Booster Pump Station. The pump station will provide higher, more consistent water pressures for customers in the southeast. The project will also enhance fire protection in the area.

The not to exceed design fees for this project are \$748,669. This amount is within the usual and customary guidelines for this type of project. An allowance in the amount of \$59,577 has been included for supplemental services which may include additional hydraulic analysis of the station and recommended modifications to boundary of the new pressure zone to be served by the station. Once design is complete and construction is ready to proceed, it will be necessary to amend this contract to include construction phase engineering services. The design and bid phase services identified in this agreement are anticipated to take 365 calendar days from the issuance of the Notice to Proceed.

The Water and Light Advisory Board has reviewed this agreement at their August 5, 2020 meeting and voted to recommend Council approval.



Fiscal Impact

Short-Term Impact: The engineering contract is for a not to exceed amount of \$748,669 and will be paid from Water Bond Funds budgeted for this project.

Long-Term Impact: The construction and engineering costs for this project are estimated to be approximately \$3,500,000. The engineering design will provide a more accurate evaluation of probable construction costs.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Operational Excellence, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Tertiary

Legislative History

Date	Action
07/01/2019	(Ord23922) Amending the FY2019 Annual Budget by appropriating funds from the sale of Water and Electric System Revenue Bonds to various FY2019 water capital improvement projects.
05/06/2019	(Ord23850) Authorizing the issuance of Water and Electric System Revenue Bonds, Series 2019A.
04/15/2019	(R61-19) Authorizing the notice of sale of Water and Electric System Revenue Bonds, Series 2019A.
09/04/2018	(R133-18) Declaring results of the special election held on August 7, 2018.
05/21/2018	(Ord23535) Calling a special election on Tuesday, August 7, 2018 relating to the issuance of Water and Electric System Revenue Bonds.

Suggested Council Action

Authorize the City Manager to execute the agreement with Black & Veatch Corporation to provide professional engineering services for the New Southeast Pump Station.