

Posting Language

Recommend approval to negotiate and execute an amendment to the professional services agreement with K. Friese & Associates, Inc. for engineering services for Design and Bid phases for the South and Northwest Area Lift Station Improvements in the amount of \$550,395, for a total contract amount not to exceed \$4,197,395. (District 10)

MBE/WBE

This amendment will be awarded in compliance with City Code 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 7.02% MBE and 81.10% WBE.

Lead Department

Financial Services Department

Client Department

Austin Water Assistant Director of Engineering Services, Shay Ralls Roalson

Fiscal Note

Funding is available in the Capital Budget of Austin Water

Purchasing Language

Original contract was awarded through a qualifications-based selection process. A complete solicitation package, including a tabulation of the bids received, is available for viewing, is available for viewing on the City's Financial Services, website, Austin Finance Online. Link: [Solicitation Document](#).

Prior Council Action

July 29, 2021 - Council approved a professional services agreement amendment with K. Friese & Associates, Inc. for the South Area and Northwest Area Lift Station Improvements

November 1, 2018 - Council approved a professional services agreement with CDM Smith, Inc. and K. Friese & Associates, Inc. for the South Area and Northwest Area Lift Station Improvements, respectively

Council Committee, Boards and Commission Action

November 9, 2022 - To be reviewed by the Water & Wastewater Commission

Additional Backup Information

The Four Points Center Lift Station is part of the Austin Water wastewater collection system consisting of more than 130 lift stations, 78 miles of force mains, and 2,900 miles of gravity lines. Lift stations convey wastewater from lower to higher elevation when the use of gravity conveyance will result in excessive excavation depths and high gravity line construction costs.

The Four Points Center Lift Station is one of several Northwest Area Lift Stations that require engineering services for improvements. The lift station requires several upgrades to accommodate an increase in wastewater flows to the station due to population growth in the area. The upgrades will also increase the lift station's capability to receive and pump solids from the Handcox Water

Treatment Plant when needed, which improves system operational resiliency. Additional improvements include new pumping controls, structural repairs, a permanently installed generator for back-up power, and site access improvements.

The original Council authorization was granted November 1, 2018. The \$3.5 million authorization was based on the best estimate of the cost for professional engineering services to plan, design and bid the necessary infrastructure improvements at nine lift stations located throughout Northwest Austin.

In the four years since the original authorization, professional engineering labor costs have increased considerably, resulting from the market volatility associated with the COVID-19 pandemic, imbalance in labor supply and demand, rising gas and energy prices, as well as the annual inflation rate (currently more than 8%). This request for authorization is also necessary to accommodate a larger lift station site of the infrastructure improvements needed at the Four Points Center Lift Station, including additional easement.

An amendment to the professional services agreement is required to move the project forward into design and bid phases. This amendment will authorize design and bid phase services to be provided by the engineering consultant.

Delay or deferral of this contract will place an undue burden on City operations crews, will have a negative effect on infrastructure stability, and increase maintenance work.

This project is located within zip code (District 10).

K. Friese & Associates, Inc. is located in Austin, Texas.

Strategic Outcome(s)

Health and Environment

AUTHORIZATION HISTORY

AMOUNT	DATE	DESCRIPTION
\$3,500,000.00	11/01/2018	(Council) – Northwest Area Lift Station Improvements – K. Friese & Associates
\$61,000.00	11/01/2018	(Administrative Authority)
\$86,000.00	7/29/2021	(Council) – Amendment #1 - Northwest Area Lift Station: Spring Lake #2
\$550,395.00	12/01/2022	Proposed (Council) – Northwest Area Lift Station: Four Points Lift Station
\$4,197,395.00		<i>Total Contract Authorization</i>

CONTRACT HISTORY

AMOUNT	DATE	DESCRIPTION
\$3,500,000.00	2/09/2019	Master Agreement– Preliminary, Design & Bid Phases (Multiple Assignments)
\$85,007.50	9/17/2021	SA #1 – Construction & Post Construction Phases - NW Area Lift Station: Spring Lake #2
\$3,585,007.50		<i>Total Contract History</i>