



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 04/12/2022

REQUESTER: Nathan Madenwald, Utilities Engineer

PRESENTER: Nathan Madenwald, Utilities Engineer

ITEM TITLE: CONSIDERATION OF APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF AMENDMENT NO. ONE TO CONTRACT K-1617-66: BY AND BETWEEN NORMAN UTILITIES AUTHORITY AND PROFESSIONAL ENGINEERING CONSULTANTS, P.A., INCREASING THE CONTRACT AMOUNT BY \$17,000 FOR A REVISED CONTRACT AMOUNT OF \$72,800 FOR THE LIFT STATION D FORCE MAIN REPLACEMENT PROJECT, PHASE II.

BACKGROUND:

The City of Norman wastewater collection has numerous sub-basins but is composed of two major sewersheds due to the ridge along the north side of the City with gravity flows to either the Canadian River or the Little River. Gravity flows for the Canadian River sewershed are conveyed by sewer interceptors to the Water Reclamation Facility (WRF). Flows from the Little River sewershed are conveyed by interceptors to Lift Station D which pumps flow into a pressurized sewer line (force main) and drains into adequately sized interceptors at Robinson Street and 12th Avenue NE which then flow south to the WRF.

The Lift Station D force main has experienced numerous breaks in the past. Contract K-0809-65, Phase I, replaced approximately 3,500 feet of the force main in 2009 along 12th Avenue NE between Rock Creek Road and Tecumseh Road. Following this replacement, additional breaks on the force main occurred between Rock Creek Road and the discharge point approximately 1/2-mile north of Robinson Street.

On October 11, 2016, the Norman Utilities Authority approved Contract K-1617-66 with Professional Engineering Consultants, P.A. (PEC) in the amount of \$55,800 for design of the force main replacement between Rock Creek Road and Robinson Street.

DISCUSSION:

The project was left at standstill for a period of time based on the property ownership status of the Sutton Wilderness area. However, after determining that this would not affect the project alignment, a preliminary alignment was developed along the west side of 12th Avenue NE. This alignment, after a more detailed review, is not constructible due to various utility conflicts.

Staff and the engineer have evaluated the east side of the street and have determined that constructible corridor exists. This amendment provides for additional survey along the east side of the street and redesign of the force main.

Funding will be \$17,000 from the Lift Station D Force Main Replacement design account (WW0091-DESIGN / 32190048-46201) which has an available balance of \$29,247.20.

RECOMMENDATION:

Staff recommends the NUA approve Amendment No. 1 to Contract K-1617-66 with Professional Engineering Consultants, P.A. to increase the contract amount by \$17,000 for a revised total of \$72,800 to pay for additional design services for the Lift Station D Force Main Replacement Phase II project.