



## CITY OF NORMAN, OK STAFF REPORT

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**MEETING DATE:** 01/23/2024

**REQUESTER:** Nathan Madenwald, Utilities Engineer

**PRESENTER:** Nathan Madenwald, Utilities Engineer

**ITEM TITLE:** CONSIDERATION OF APPROVAL, ACCEPTANCE, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF CHANGE ORDER NO. TWO TO CONTRACT K-2223-141; BY AND BETWEEN NORMAN UTILITIES AUTHORITY AND SOUTHWEST WATER WORKS, L.L.C., INCREASING THE CONTRACT AMOUNT BY \$16,108.97 FOR A REVISED CONTRACT AMOUNT OF \$973,608.97 FOR LIFT STATION D FORCE MAIN REPLACEMENT PROJECT, PHASE II, AND FINAL ACCEPTANCE AND PAYMENT OF THE PROJECT.

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### **BACKGROUND:**

The City of Norman wastewater collection has numerous sub-basins but is composed of two major sewer-sheds 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 sewer-shed are conveyed by sewer interceptors to the Water Reclamation Facility (WRF). Flows from the Little River sewer-shed are conveyed by interceptors to Lift Station D which pumps sewage flow into a pressurized sewer line (force main) and drains into adequately sized interceptors at Robinson Street and 12<sup>th</sup> 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 12<sup>th</sup> 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. The initial design was to install the replacement sewer main on the west side of 12<sup>th</sup> Avenue NE. However, this alignment had too many conflicts and was not constructible. On April 12, 2022, Amendment 1 to Contract K-1617-66 in the amount of \$17,000 was approved to redesign the force main to be on the east side of the street.

Following the completion of bidding documents, Bid 2223-63 was issued and received bids were opened on April 27, 2023. Contract K-2223-141 was awarded to Southwest Water Works, LLC

as the lowest responsible bidder. To address a point repair within the sanitary sewer system at 2010 Vanessa Drive, Change Order 1 was approved on October 30, 2023, by the NUA General Manager (City Manager).

**DISCUSSION:**

The proposed final Change Order No. 2 includes three items:

1. Bid quantities will be reconciled to match final as-built quantities;
2. New pay item to cover additional work associated with the bore under 12<sup>th</sup> Avenue NE; and
3. New pay item to cover additional work associated with the increased depth for the tie-in at Rock Creek Road.

As shown in the change order, the overall project cost will increase by a total of \$16,108.97 or approximately 1.72% above the original contract amount. Approval of Change Order 2, acceptance of the project, and payment of the final claim are recommended by the Engineer.

**RECOMMENDATION 1:**

Staff recommends the NUA approve Change Order 2 for Contract K-2223-141 in the amount of \$16,108.97 for a revised contract amount of \$973,608.97.

**RECOMMENDATION 2:**

Staff recommends the NUA accept the Lift Station D Force Main Replacement Project, Phase 2 (WW0091).

**RECOMMENDATION 3:**

Staff recommends the NUA authorize final payment in the amount of \$60,483.16 to Southwest Water Works, LLC.