



## CITY OF NORMAN, OK STAFF REPORT

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**MEETING DATE:** April 12, 2022

**REQUESTER:** Ken Giannone, PE, Capital Projects Engineer

**PRESENTER:** Ken Giannone, PE, Capital Projects Engineer

**ITEM TITLE:** CONSIDERATION OF APPROVAL, ACCEPTANCE, REJECTION, AMENDMENT OR POSTPONEMENT OF CHANGE ORDER NO. ONE TO CONTRACT K-2021-11: BY AND BETWEEN NORMAN UTILITIES AUTHORITY AND HAMMER CONSTRUCTION, INC. INCREASING THE CONTRACT AMOUNT BY \$9,175.10 FOR A REVISED CONTRACT AMOUNT OF \$831,401.50 AND ADDING 236 CALENDAR DAYS TO THE CONTRACT FOR THE 2015 WATER WELLS & LINES PROJECT, LOCATED NEAR TECUMSEH ROAD AND/OR 108<sup>TH</sup> AVENUE N.E., FINAL ACCEPTANCE OF THE PROJECT AND FINAL PAYMENT IN THE AMOUNT OF \$80,399.99

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### **BACKGROUND:**

The 2015 Water Wells & Lines project (WB0212) consists of three (3) contracts. One contract covers the drilling of nine (9) new wells, installation of well pumps and construction of appurtenant well houses for each well. The other two contracts cover the installation of 12" diameter, polyvinyl chloride (PVC) well water lines to interconnect the nine new wells with the City's existing distribution system. Contract K-2021-11, Water Well Lines – Tecumseh Road and 108<sup>th</sup> Ave. N.E. is one of the two well line projects. It covers the installation of 12,300 linear feet (LF) of 12" diameter PVC water well lines at four different locations on or adjacent to Tecumseh Road: on 48<sup>th</sup> Ave N.E. going south from existing well line on Tecumseh to a future well location; on 84<sup>th</sup> Ave N.E. starting at existing Well Number 60, north of Tecumseh and continuing south to the new Hayes Well at Tecumseh; on 108<sup>th</sup> Ave N.E. starting at existing Well Number 59 north of Tecumseh and continuing to the new Park Well south of Tecumseh; and on Tecumseh from the newly installed line on 108<sup>th</sup> Ave. N.E. east to the new Simpson Well.

Cardinal/Parkhill Engineering (Cardinal/Parkhill) was selected as the consultant for this well water line project, and Norman Utilities Authority (NUA) approved their contract November 12, 2019. Project design was completed during the first half of 2020, and the project was advertised for bid on July 23 and July 30, 2020. Bids were opened August 13, 2020 and Hammer Construction was deemed lowest and best bidder. NUA approved Contract K-2021-11 with Hammer Construction, Inc. (Hammer) on September 8, 2020. Notice to Proceed for construction was issued on October 10, 2020.

**DISCUSSION:**

Change Order No. 1, for a total additional cost of \$9,175.10, covers several items:

It includes \$2,350 for repairs to drainage at existing Well Station 59, which was adjacent to the project.

A total of \$6,825.10 to revise the contract quantities of existing line items to match quantities actually required to complete the project.

It also includes a time extension of 236 Calendar Days to account for time lost due to items listed above as well as due to unanticipated extreme weather conditions and due to coordination requirements for flushing, disinfection, and bacteriological testing of new pipelines.

The Engineer, Cardinal/Parkhill, has approved Change Order No. 1. Funds for this Change Order will come from 2015 Water Well & Lines, Construction (Account 31993345-46101; Project WB0212), which has an unencumbered balance of \$2,294,310.64.

A final inspection on October 6, 2021 deemed the installation of all pipe and appurtenances as well as all restoration work to be complete. Final testing was successfully completed on the final segment of pipeline on November 30, 2021 and the project is deemed complete as of that date. The engineer, Cardinal/Parkhill, has also deemed the project to be complete and has signed off on final acceptance and final payment.

**RECOMMENDATION:**

Staff recommends that Change Order No. 1, increasing Contract K-2021-11 for 2015 Water Well Lines – Tecumseh Rd & 108<sup>th</sup> Ave. N.E. with Hammer Construction, Inc. by \$9,175.10 to revised contract amount of \$831,401.50 and adding 236 Calendar Days, be approved. Staff also recommends final acceptance of Contract K-2021-11, 2015 Water Well Lines – Tecumseh Rd. & 108<sup>th</sup> Ave N.E. and final payment to Hammer Construction, Inc. in the amount of \$80,399.99.