



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 02/22/2022

REQUESTER: Ken Giannone, PE

PRESENTER: Ken Giannone, PE, Capital Projects Engineer

ITEM TITLE: CONSIDERATION OF APPROVAL, ACCEPTANCE, REJECTION, AMENDMENT AND/OR POSTPONEMENT OF CHANGE ORDER NO. TWO TO CONTRACT K-2021-01: BY AND BETWEEN THE NORMAN UTILITIES AUTHORITY AND GARNEY COMPANIES, INC., INCREASING THE CONTRACT AMOUNT BY \$59,043.05 FOR A REVISED CONTRACT AMOUNT OF \$2,070,994.85 AND ADDING 127 DAYS TO THE CONTRACT FOR THE ROBINSON WATER LINE REPLACEMENT PROJECT, PHASE III, FINAL ACCEPTANCE OF THE PROJECT, AND FINAL PAYMENT IN THE AMOUNT OF \$177,882.27.

BACKGROUND: The Robinson Water Line Replacement Phase III Project (WA0242I) is part of a multi-phase project to replace the existing 16" transmission main that connects drinking water flow from the Norman Water Treatment Plant on the east side of the City to the west side of the City with 30" transmission lines to ensure future peak demands can be met. This project also includes replacement of 8" and 12" distribution mains in adjacent neighborhoods that have reached the end of their useful lives and were increasingly prone to expensive and disruptive breaks and emergency repairs. Specifically, this project included 6,800 linear feet (LF) of 30" PVC water line on the north side of Robinson, generally between 24th Avenue N.W. (where it interconnected with previously completed Phase II of this project) and Flood Avenue; and 129 LF of 8" PVC water line and 2,957 LF of 12" PVC water line (installed by both open cut and horizontal directional drilling [HDD] methods) on the south side of Robinson, to replace distribution mains that were at the end of their useful lives.

PLUMMER Associates, Inc., (PLUMMER) was selected as the design engineer for this contract, and NUA approved their design contract (K-1819-06) on August 28, 2018. PLUMMER has completed the design and all necessary permits were issued in April 2020. Project was advertised for bidders on May 14, 2020, and Bids were opened on June 11, 2020. Garney Companies, Inc. (Garney) was deemed the lowest and best bidder for the contract alternate including replacement of 12" distribution mains by HDD methods. The contract was awarded to Garney on July 14, 2020, and construction commenced in October 2020. Project was completed as of November 2, 2021.

DISCUSSION: Change Order No. Two (2), if approved, would result in a contract increase of \$59,043.05 to a revised total cost of \$2,070,994.85. The change order includes \$10,815.20 for additional casing pipe and concrete encasement required due to conflict with an unforeseen

24" storm line on the south side of Robinson; \$29,350.90 for the impact of several unforeseen utilities on the north side of Robinson; and \$18,876.95 to revise bid item quantities to match quantities of materials actually required to complete the work. This latter category was largely the net result of several minor field changes due to unforeseen subsurface conditions that required additional fittings and/or open cutting of sections originally designed as horizontal directional drilling. Funding for Change Order No. Two (2) would come from the Water Line Replacement: Robinson – 24th N.W. to WTP, Construction Account (Org 31996683 – Object 46101; Project WAA0242) which has an unencumbered balance of \$3,889,401.10.

Change Order No. Two (2) also includes a time extension (with no associated cost) of 127 Calendar-Days for the extra work covered by the change order as well as for certain weather impacts during completion of restoration work.

Work on the project is complete. Final inspection was completed on October 7, 2021, and a punch list was generated. Garney completed work on punch list items as of November 2, 2021. The engineer, PLUMMER, recommends approval of Change Order No. Two (2), acceptance of the project, and payment of the final claim.

RECOMMENDATION: Staff recommends that Change Order No. Two (2) in the amount of \$59,043.05 and a 127-Calendar-Day time extension be approved, and the Robinson Water Line Replacement Phase III be accepted, and final payment be authorized in the amount of \$177,882.27 to Garney Companies, Inc.