



City of Norman, OK

Municipal Building
Council Chambers
201 West Gray
Norman, OK 73069

Master

File Number: K-1920-2 CO# 2

File ID: K-1920-2 CO# 2 **Type:** Contract **Status:** Consent Item

Version: 1 **Reference:** Item 21 **In Control:** City Council

Department: Utilities Department **Cost:** **File Created:** 09/14/2020

File Name: Timberdell WL CO 2 and Acceptance **Final Action:**

Title: CHANGE ORDER NO. TWO TO CONTRACT K-1920-2: BY AND BETWEEN THE NORMAN UTILITIES AUTHORITY AND H&H PLUMBING & UTILITIES, INC., DECREASING THE CONTRACT AMOUNT BY \$13,489.08 FOR A REVISED CONTRACT AMOUNT OF \$1,431,274.78 FOR PHASE IV, 24-INCH WATER TRANSMISSION LINE FROM TIMBERDELL ROAD AND CHAUTAUQUA AVENUE TO JENKINS AVENUE AND CONSTITUTION STREET AND FINAL ACCEPTANCE OF THE PROJECT.

Notes: ACTION NEEDED: Acting as the Norman Utilities Authority, motion to approve or reject Change Order No. Two to Contract K-1920-2 with H & H Plumbing & Utilities, Inc., decreasing the contract amount by \$13,489.08 for a revised contract amount of \$1,431,274.78; and if approved, authorize the execution thereof, accept the project, direct final payment in the amount of \$98,229 to H & H Plumbing & Utilities, Inc.

ACTION TAKEN: _____

Agenda Date: 09/22/2020

Agenda Number: 21

Attachments: K-1920-2_CO2, WA0239_Segment_D_WL_Map

Project Manager: Nathan Madenwald, Utilities Engineer

Entered by: nathan.madenwald@normanok.gov

Effective Date:

History of Legislative File

Version:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:

Text of Legislative File K-1920-2 CO# 2

Body

BACKGROUND: On January 24, 2017, the Norman Utilities Authority (NUA) approved Contract K-1617-93 authorizing Poe and Associates to proceed with survey, design, and construction management services for the Segment D water line project as recommended by the 2003 Water Master Plan to install a water transmission main from Lindsey Street and

Chautauqua Avenue to Highway 9 and Jenkins Avenue. The initial phase was previously installed along Chautauqua Avenue from Lindsey Street to Timberdell Road.

This project installed approximately 4,400 feet of 24-inch water line along the south side of Timberdell Road and then along the east side of Jenkins Ave within Reaves Park to the south side of Constitution Avenue. The existing 12-inch ductile iron pipe within Reaves Park was abandoned and services were transferred over to the new main. The future installation along Jenkins Avenue down to Highway 9 will be done by a future construction project.

Additionally, the recommended portfolio for the 2060 Strategic Water Supply Plan recommended a future non-potable irrigation system from the Water Reclamation Facility to irrigate Reaves Park to reduce the demand on the water system. This project also installed 2,000 feet of the 16-inch non-potable water line parallel to the 24-inch potable water line.

Change Order No. 1 was also approved on February 25, 2020, which authorized the installation of approximately 400 feet of 8-inch line within Reaves Park to replace the existing water line installed in the 1950s. Change Order No. 1 also modified the crossing of Jenkins Avenue from a bore to an open cut installation due to utility conflicts.

DESCRIPTION: Proposed final Change Order No. 2 will reconcile “as-bid” to “as-built” quantities and incorporate unanticipated items of new work. As shown in the change order, the overall project cost will decrease by \$13,489.08 to \$1,431,274.78.

As detailed in the change order, the reconciliation of “as-bid” to “as-built” quantities will decrease the contract amount by \$38,301.65.

The unanticipated items of new work for Change Order No. 2 will increase the contract amount by \$25,721.61 as follows:

1. Reconciliation of “as-bid” to “as-built” quantities for Change Order No. 1 items for asphalt paving repair and bore with steel casing for 8-inch water line. The amount of paving required was more than estimated and the length of the bore was extended to work around utilities and field conditions. **\$7,235.25**
2. Labor, materials, and equipment for two 1-Inch Single Short Services. Two services were identified in the field that were missed with Change Order No. 1. **\$1,700**
3. Labor, materials, and equipment for 1-Inch Single Long Service with Meter Relocation. One service was identified in the field that was missed with Change Order No. 1 and required the relocation outside of a paved driving surface. **\$2,400**
4. Purchase of materials to be used by the Utilities Department. Additional materials that were specified on the plans were determined to not be needed with this project but will be delivered to the Line Maintenance Division for their future use. **\$9,836.36**
5. Labor, materials, and equipment to complete wet connections on 24-inch, 12-inch, and 8-inch lines. This item is necessary to account for the connections to and abandoning of existing water lines. **\$5,000**
6. Deduction for City contractor to replace damaged traffic box. The box was damaged during the construction of the project but the damage could have been avoided by the

Contractor. **(\$2,700)**

7. Labor, materials, and equipment to remove three fire hydrants. This item is necessary to pay for the Contractor's removal of fire hydrants that were no longer in service as the result of this project. **\$2,250**
8. Combined with Change Order No. 1, the total increase for new items of work is \$99,591.61, or 7.02 percent, which is less than the state limit of 10 percent. However, the overall increase for the project with Change Order Nos. 1 and 2 combined is \$11,814.78 or 0.83 percent over the original contract. No additional contract time is required for Change Order No. 2.
9. Our consultant, Poe & Associates, Inc., has verified the payment documents and recommends final payment.

This project is funded within Segment D 24" Waterline Phase IV, Construction (account 31993360-46101; project WA0239).

RECOMMENDATION: Staff recommends the NUA approve Change Order No. 2 to Contract K-1920-2 with H&H Plumbing & Utilities, Inc., decreasing the contract amount by \$13,489.08 for a revised contract amount of \$1,431,274.78, accept the project, and authorize final payment of \$98,229.98.