



December 13, 2023

Honorable Chairman and Trustees
Oklahoma City Water Utilities Trust
420 West Main, Suite 500
Oklahoma City, OK 73102

Re: Amendment No. 2 and Change Order No. 2
Project No. WC-1050
Pressure Reducing Valves for BPS Nos 22 and 7
Booster Pump Station No. 7, 5925 S. Portland Avenue
Booster Pump Station No. 22, 7740 SW 29th Street

Honorable Chairman and Trustees:

I. SCOPE

Amendment No. 2 adjusts plan quantities to match quantities in the field necessary for the completion of the project. Change Order No. 2 adds new pay items and additional Calendar Days to the contract.

II. JUSTIFICATION

Amendment No. 2 adds additional quantities for 16-inch pipe, fittings, and waterline removal to account for completing a reverse tap at the Vault B connection at Booster Pump Station No. 7. The reverse tap is necessary to avoid an existing ATT duct bank that is located adjacent to the 16-inch waterline that was not identified with the limited scope of survey and utility coordination.

Change Order No. 2 adds a pay item to the contract for installing two 16-inch caps on the existing waterline on the downstream side of the tapping sleeves at Booster Pump Station 7. This work will include the cost associated with placing required thrust protection.

Change Order No. 2 adds a pay item to the contract for Downey Contracting performing additional site exploration at Booster Pump Station No. 22 to identify potential unknown connections to the existing 16-inch waterline.

Change Order No. 2 adds pay items to the contract for one 16x1-inch tapping sleeve and a 20x1-inch tapping sleeve to be placed on the waterlines at Booster Pump Station No. 22 to verify which valve was inoperable and not shutting off water to the project location.

Change Order No. 2 adds a pay item to the contract for a 20-inch line to be installed at Booster Pump Station No. 22. There is an existing inline valve on the 20-inch line that is inoperable and is allowing water flow to the section of waterline to be demolished as part of this project.

Change Order No. 2 adds a pay item to the contract for the required flushing and dechlorination of the 20-inch waterline from Booster Pump Station No. 22 to MacArthur Boulevard.

Additionally, Change Order No. 2 adds a collective 32 Calendar Days to the contract. 23 Calendar Days are added to supplement the work required in constructing additional 16-inch waterline related to the reverse taps at Booster Pump Station No. 7. 9 Calendar Days are added to the contract for the delays associated with the procurement of the 20-inch Line Stop.

III. COST ESTIMATE

AMENDMENT NO. 2

INCREASE

Bid Item	Description	Unit	Unit Price	Plan Quantity	Revised Quantity	Quantity Increased	Amended Cost
1	16-IN DIP WATERLINE (MJ) (0.30-IN NOMINAL THICKNESS)	LF	\$ 415.00	295	331.42	36.42	\$15,114.30
8	FITTINGS (16-IN MEGALUGS SERIES 2016PV)	EA	\$406.00	42	52	10	\$4,060.00
12	FITTINGS (16-IN 45-DEG BEND) (MJ)	EA	\$2,290.00	12	14	2	\$4,580.00

Total Increase \$23,754.30

DECREASE

Bid Item	Description	Unit	Unit Price	Plan Quantity	Revised Quantity	Quantity Decreased	Amended Cost
27	REMOVE WATERLINE (16-IN)	LF	\$87.00	370	355	15	\$(1,305.00)

Total Decrease \$(1,305.00)

Total Amendment No. 2: \$22,449.30

CHANGE ORDER NO. 2

ADDITIONS

Bid Item	Description	Unit	Unit Price	Plan Quantity	Revised Quantity	Quantity Increase	Cost Increase
CO2.1	16-IN CAP	EA	\$2,669.34	0	2	2	\$5,338.68
CO2.2	ADDITIONAL SITE EXPLORATION	LS	\$8,234.21	0	1	1	\$8,234.21
CO2.3	20-IN LINE STOP	EA	\$27,626.39	0	1	1	\$27,626.39
CO2.4	16X1 TAPPING SADDLE	EA	\$1,421.04	0	1	1	\$1,421.04
CO2.5	20X1 TAPPING SADDLE	EA	\$2,017.54	0	1	1	\$2,017.54
CO2.6	REVERSE FLUSHING 20-INCH	LS	\$9,779.53	0	1	1	\$9,779.53
CO2.7	FITTINGS (16-IN 90-DEG Bend) (MJ)	EA	\$2,893.74	0	2	1	\$2,893.74
CO2.8	FITTINGS (20X16-IN REDUCER) (MJ)	EA	\$1,051.94	0	1	1	\$1,051.94
CO2.9	20-IN MEGALUG RESTRAINT	EA	\$407.89	0	1	1	\$407.89
CO2.10	FITTINGS (16-IN 11.25 DEG BEND) (MJ)	EA	\$1,346.55	0	1	1	\$1,346.55

Total Increase \$60,117.51

Total Change Order No. 2: \$60,117.51

Total Amendment No. 2 and Change Order No. 2: \$82,566.81

IV. COST SUMMARY

Original Contract Amount	\$1,133,738.60
Amendment No. 1	\$109,868.00 (9.69% increase)
Change Order No. 1	\$53,159.96 (4.69% increase)
Amendment No. 2	\$22,449.30 (1.98% increase)
Change Order No. 2	\$60,117.51 (5.30% increase)
Revised Contract Amount	\$1,379,333.37

Amendment No. 2 is an increase of \$22,449.30 or 1.98 percent above the original contract amount. Amendment Nos. 1 through 2 represent an increase of \$132,317.30 or 11.67 percent above the original contract amount. Change Order No. 2 is an increase of \$60,117.51 or 5.30 percent above the original contract amount. Change Order Nos. 1 through 2 represent an increase of \$113,277.47 or 9.99 percent above the original contract amount. Amendment No. 2 and Change Order No. 2 result in an overall increase of \$82,566.81. The revised contract amount is \$1,379,333.37.

V. CONTRACT TIME

The original contract called for 90 calendar days. An additional 74 Calendar Days were added to the contract by Change Order No. 1. An additional 23 calendar days are added to the contract to install additional piping related to the reverse tap at Booster Pump Station No. 7. 9 Calendar Days are also added to the contract for the delays associated with the procurement of the 20-inch Line Stop. The total contract duration is now 196 calendar days.


Original Contract Time	90 Calendar Days
Additional Contract Time for Change Order No. 1	74 Calendar Days
Additional Contract Time for Change Order No. 2	32 Calendar Days
Revised Contract Time	196 Calendar Days

The revised contract duration is 196 Calendar Days. The revised completion date is set as January 31, 2024.

The above and foregoing is hereby accepted this 13th day of December, 2023; and the undersigned agrees to perform the work at the price indicated.

ATTEST:


Witness


Downey Contracting


The prices shown for Amendment No. 2 were established by competitive bidding. Change Order No. 2 prices were established through negotiation.

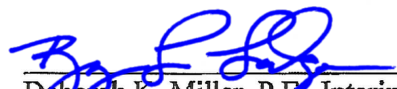

Ryan C. Smith, P.E.



Approval is recommended this 14th day of December, 2023.

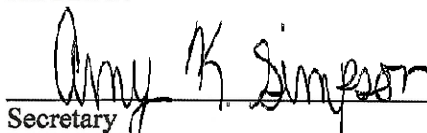

Will Huggins, P.E., Deputy Director


Chris Browning, General Manager

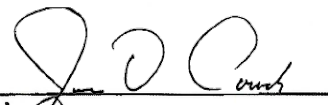
 for
Deborah K. Miller, P.E., Interim Director
Public Works/Interim City Engineer

APPROVED by the Trustees and signed by the Chairman of the Oklahoma City Water Utilities Trust this 16TH day of JANUARY, 2024

ATTEST:

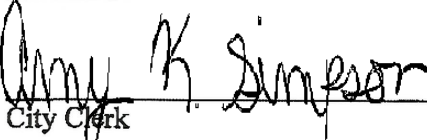

Secretary





Chairman

CONCURRED by the Council and signed by the Mayor of The City of Oklahoma City this 30TH day of JANUARY, 2024

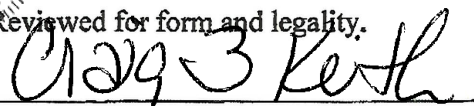
ATTEST:


City Clerk




Mayor

Reviewed for form and legality.


Assistant Municipal Counselor