

December 5, 2023

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

Re: Amendment No. 5 and Change Order No. 5
Project No. WM-0261 & SM-0156
Water Meter Vault Replacement Program, Year 1
Citywide

Honorable Chairman and Trustees:

I. SCOPE

Amendment No. 5 is the final amendment to reconcile all the quantities installed in the field. Change Order No. 5 adds new pay items and a time extension to the contract.

II. JUSTIFICATION

Amendment No. 5 reconciles all the differences between the estimated and actual quantities installed during the construction of this project. The construction of the meter vault at the VA Hospital site has been taken out of the scope of this project. It is due to utility conflicts, and the required easement from the VA Hospital could not be obtained. All the bid items associated with this site will be deducted from the total cost of the project.

Change Order No. 5 adds the stored materials purchased for the VA hospital site, which consist of the components within the bid item pre-cast meter vault and 8" PVC water pipes. This change order also adds 120 calendar days to complete the project.

III. COST ESTIMATE

AMENDMENT NO. 5

Increase

Bid Item	Description	Unit	Unit Price	Plan Quantity	Quantity Increased	Revised Quantity	Amended Cost
01-86	CONCRETE CURB AND GUTTER (24 INCH) (6 INCH BARRIER)	LF	\$65.00	396	19	415	\$1,235.00
01-87	PORTLAND CEMENT CONCRETE PAVEMENT (8 INCH) (DOWEL JOINTED) (HES)	SY	\$150.00	329	155	484	\$23,250.00
Total Increase							\$24,485.00

Decrease

Bid Item	Description	Unit	Unit Price	Plan Quantity	Quantity Change	Revised Quantity	Amended Cost
01-04	8" FSSA METER VAULT (COMPLETE)(PRECAST)	EA	\$80,000.00	3	-1	2	-\$80,000.00
01-07	(8 INCH) (PVC) WATERLINE PIPE (PUSH-ON JOINT) (C-900) W/ 12 GAUGE TRACER WIRE	LF	\$90.00	359	-129	230	-\$11,610.00
01-08	(6 INCH) (PVC) WATERLINE PIPE (PUSH-ON JOINT) (C-900) W/ 12 GAUGE TRACER WIRE	LF	\$86.00	146	-27	119	-\$2,322.00
01-09	(4 INCH) (PVC) WATERLINE PIPE (PUSH-ON JOINT) (C-900) W/ 12 GAUGE TRACER WIRE	LF	\$84.00	275	-60	215	-\$5,040.00
01-10	(5 INCH) (PVC) WATERLINE PIPE (PUSH-ON JOINT) (C-900) W/ 12 GAUGE TRACER WIRE	LF	\$84.00	2	-2	0	-\$168.00
01-14	FITTINGS (MEGA-LUG SERIES 2008 PV)	EA	\$76.00	80	-18	62	-\$1,368.00
01-15	FITTINGS (MEGA-LUG SERIES 2006 PV)	EA	\$60.00	26	-7	19	-\$420.00
01-16	FITTINGS (MEGA-LUG SERIES 2005 PV)	EA	\$60.00	5	-5	0	-\$300.00
01-18	FITTINGS (MEGA-LUG SERIES 1120)	EA	\$340.00	2	-2	0	-\$680.00
01-29	(12 INCH X 8 INCH) TAPPING SLEEVE (MJ)	EA	\$3,550.00	2	-1	1	-\$3,550.00
01-35	8 INCH TAPPING VALVE (FLG-MJ) & VALVE BOX	EA	\$1,300.00	3	-1	2	-\$1,300.00
01-39	WET CONNECTION (8 INCH)	EA	\$3,400.00	4	-2	2	-\$6,800.00
01-43	8 INCH X 8 INCH TEE (DIP) COMPACT (MJ)	EA	\$175.00	2	-1	1	-\$175.00
01-46	5 INCH X 4 INCH REDUCER (DIP) (PE-PE) (MJ)	EA	\$160.00	1	-1	0	-\$160.00
01-50	8 INCH X 90 DEGREE BEND (DIP) COMPACT (MJ)	EA	\$125.00	7	-2	5	-\$250.00
01-51	8 INCH X 45 DEGREE BEND (DIP) COMPACT (MJ)	EA	\$125.00	17	-5	12	-\$625.00
01-55	6 INCH X 45 DEGREE BEND (DIP) COMPACT (MJ)	EA	\$100.00	8	-2	6	-\$200.00
01-61	8 INCH SOLID SLEEVE (DIP) COMPACT LONG (MJ)	EA	\$125.00	3	-1	2	-\$125.00

01-63	5 INCH SOLID SLEEVE (DIP) COMPACT LONG (MJ)	EA	\$500.00	3	-3	0	-\$1,500.00
01-66	8 INCH RESTRAINED COUPLING (MEGA-COUPLING SERIES 3808)	EA	\$500.00	4	-1	3	-\$500.00
01-67	6 INCH RESTRAINED COUPLING (MEGA-COUPLING SERIES 3806)	EA	\$250.00	2	-1	1	-\$250.00
01-73	8 INCH GATE VALVE (MJ) & VALVE BOX	EA	\$1,300.00	7	-1	6	-\$1,300.00
01-74	6 INCH GATE VALVE (MJ) & VALVE BOX	EA	\$850.00	2	-1	1	-\$850.00
01-89	PAVEMENT CUT AND PERMANENT REPAIR (CONCRETE)	SY	\$150.00	255	-24	231	-\$3,600.00
01-90	PAVEMENT CUT AND PERMANENT REPAIR (ASPHALT)	SY	\$150.00	6	-6	0	-\$900.00
01-91	SIDEWALK (NATURAL CONCRETE)	SY	\$65.00	165	-5	160	-\$325.00
01-93	SOLID SLAB SODDING	SY	\$2.50	1122	-570	552	-\$1,425.00
01-94	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	LF	\$7.00	360	-360	0	-\$2,520.00
03-20	REMOVE CURB & GUTTER	LF	\$10.00	60	-55	5	-\$550.00
03-21	CONCRETE CURB AND GUTTER (24 INCH) (6 INCH BARRIER)	LF	\$65.00	60	-55	5	-\$3,575.00
03-26	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	LF	\$7.00	18	-18	0	-\$126.00
04-03	(4 INCH) (DIP) WATER LINE (PUSH-ON JOINT) (ANSI/AWWA C150/A21.50) (RJ)	LF	\$104.00	13	-3	10	-\$312.00
04-04	FITTINGS (MEGA-LUG SERIES 2004 PV)	EA	\$46.50	20	-7	13	-\$325.50
04-05	FITTINGS (MEGA-LUG SERIES 1104 TDM)	EA	\$275.00	10	-6	4	-\$1,650.00
04-06	FITTINGS (MJ RESTRAINT SERIES 19MJ04)	EA	\$65.00	2	-1	1	-\$65.00
04-20	PAVEMENT CUT AND PERMANENT REPAIR (CONCRETE)	SY	\$150.00	30	-1.22	28.78	-\$183.00
04-24	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	LF	\$7.00	12	-12	0	-\$84.00
05-02	(4 INCH) (PVC) WATERLINE PIPE (PUSH-ON JOINT) (C-900) W/ 12 GAUGE TRACER WIRE	LF	\$84.00	130	-15	115	-\$1,260.00
05-04	FITTINGS (MEGA-LUG SERIES 2004 PV)	EA	\$60.00	15	-1	14	-\$60.00
05-05	FITTINGS (MEGA-LUG SERIES 1104)	EA	\$46.00	4	-3	1	-\$138.00

05-09	4 INCH X 90 DEGREE BEND (DIP) COMPACT (MJ)	EA	\$50.00	4	-2	2	-\$100.00
05-18	REMOVE CURB & GUTTER	LF	\$10.00	15	-10	5	-\$100.00
05-19	REMOVE SIDEWALK (CONCRETE)	SY	\$10.00	14	-7	7	-\$70.00
05-20	CONCRETE CURB AND GUTTER (24 INCH) (6 INCH BARRIER)	LF	\$65.00	15	-10	5	-\$650.00
05-22	SIDEWALK (NATURAL CONCRETE)	SY	\$65.00	14	-7	7	-\$455.00

Total Decrease -\$137,966.50

Total Amendment No. 5 -\$113,481.50

CHANGE ORDER NO. 5

ADDITONS

Item No.	Description	Unit	Unit Price	Plan Quantity	Quantity Changed	Revised Quantity	Cost
CO5.1	COMPONENTS WITHIN THE METER VAULT AT THE VA SITE	EA	\$4,010.11	0	1	1	\$4,010.11
CO5.2	(8 INCH) (PVC) WATERLINE PIPE (PUSH-ON JOINT) (C-900) W/ 12 GAUGE TRACER WIRE	LF	\$23.32	0	136	136	\$3,171.52

Total Change Order No. 5 \$7,181.63

Total Amendment No. 5 and Change Order No. 5 : -\$106,299.87

IV. **COST SUMMARY**

Original Contract Amount \$1,682,762.00

Amendment No. 1	(\$90,470.00)	(5.38% decrease)
Amendment No. 2	\$17,953.00	(1.07% increase)
Amendment No. 3	\$14,750.00	(0.88% increase)
Amendment No. 4	\$19,245.00	(1.14% increase)
<u>Amendment No. 5</u>	<u>(\$113,481.50)</u>	<u>(6.74% decrease)</u>
	(\$152,003.50)	(9.03% decrease)

Change Order No. 1	\$2,080.00	(0.12% increase)
Change Order No. 2	\$4,400.00	(0.26% increase)
Change Order No. 3	\$54,100.00	(3.21% increase)
Change Order No. 4	0.00	(0.0) Time Only
<u>Change Order No. 5</u>	<u>\$7,181.63</u>	<u>(0.43% increase)</u>
	\$67,761.63	(4.03% increase)

Revised Contract Amount \$1,598,520.13

Amendment No. 5 is a decrease of \$113,481.50 or 6.74 percent below the original contract amount. Amendment Nos. 1, 2, 3, 4, and 5 represent a decrease of \$152,003.50 or 9.03 percent below the original contract amount.

Change Order No. 5 is an increase of \$7,181.63 or 0.43 percent above the original contract amount. Change Orders 1,2,3,4, and 5 represent an increase of \$67,761.63 or 4.03 percent above the original contract price. The revised contract amount is \$1,598,520.13.

V. CONTRACT TIME

The original contract called for 230 calendar days with a start date of July 21, 2020. Due to the delays for the remaining locations impacted by the unforeseen utility conflicts, One Hundred Twenty (120) calendar days are added to the Contract under this Change Order making the current contract time One Thousand One Hundred Forty-Nine (1,149) calendar days.

Original Contract Time	230 Calendar Days
Change Order No. 1:	89 Calendar Days
Change Order No. 2	90 Calendar Days
Change Order No. 3	420 Calendar Days
Change Order No. 4	200 Calendar Days
<u>Change Order No. 5</u>	<u>120 Calendar Days</u>
Revised Contract Time:	1,149 Calendar Days

The revised contract duration is 1,149 calendar days. The revised contract end day is September 13, 2023.

The above and foregoing is hereby accepted this 5th day of December, 2023; and the undersigned agrees to perform the work as indicated.

ATTEST:

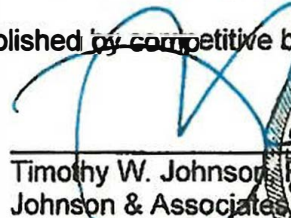


Witness



Krapff Reynolds Construction Company

The prices shown for Amendment No. 5 were established by competitive bidding. Change Order No. 5 price was established through negotiation.


Timothy W. Johnson
Johnson & Associates



Approval is recommended this _____ day of _____, 2023.



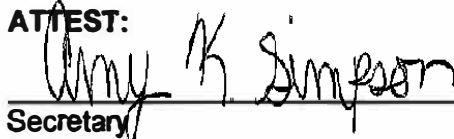
Will Huggins, P.E., Deputy Director
Utilities Engineering - Utilities Department


Chris Browning, General Manager

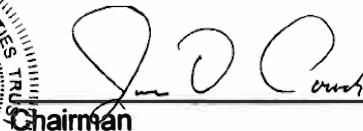

Deborah K. Miller, P.E., Interim Director
Public Works/Interim City Engineer

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

ATTEST:

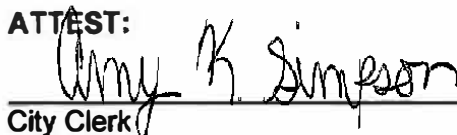

Secretary




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