

CHANGE ORDER SUMMARY
NORMAN UTILITIES AUTHORITY
CITY OF NORMAN
CLEVELAND COUNTY, OKLAHOMA

DATE: January 25, 2016

CHANGE ORDER NO.: 1 (FINAL)

CONTRACT NO.: Contract K-1415-103

PROJECT: Lindsey Waterline Improvements Section B

CONTRACTOR: McKee Utility Contractors, Inc.
2319 W. Main, Prague, OK 74864

	Contract Time	Contract Amount
ORIGINAL:	180 calendar days	\$2,130,885.00
PREVIOUS CHANGE ORDERS:	0 calendar days	\$0.00
THIS CHANGE ORDER:	0 calendar days	\$146,015.90
REVISED AMOUNT:	180 calendar days	\$2,276,900.90
ORIGINAL START DATE:	<u>March 21, 2015</u>	
ORIGINAL COMPLETION DATE:	<u>September 17, 2015</u>	
PREVIOUS COMPLETION DATE:	<u>September 17, 2015</u>	
NEW COMPLETION DATE:	<u>September 17, 2015</u>	

DESCRIPTION:	\$ Increase	\$ Decrease
Reconcile "as-bid" to "as-built" quantities (see Attachment 1 for cost breakdown).	\$99,226.90	\$0.00
Reimburse Contractor for use of "Fast Track" concrete allowing Lindsey Street to be opened to traffic the morning following concrete placement (see Attachment 2 for cost breakdown).	\$8,789.00	\$0.00
Directional Drill 24-inch PVC waterline between Stations 72+00 and 73+50 to minimize damage to extensive landscaping and large trees adjacent to work (see Attachment 2 for cost breakdown).	\$30,000.00	\$0.00
Reimburse Contractor for repairing damage to abandoned underground storage tank (UST) not shown on plans and compensate Contractor for one day's lost production while investigating and repairing UST (see Attachment 2 for cost breakdown).	\$8,000.00	\$0.00

SUBMITTED BY
CONTRACTOR: J. MARK DANIELS
McKee Utility Contractors, Inc.

RECOMMENDED BY
UTILITIES ENGINEER: 02-01-16
13233
Mark Daniels, NUA

APPROVED AS TO
FORM AND LEGALITY: City Attorney

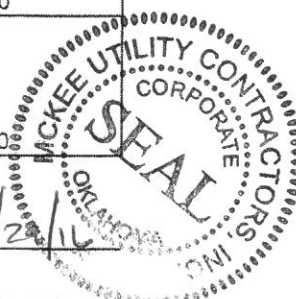
ACCEPTED BY
NORMAN UTILITIES AUTHORITY: Chairman

Date: 1/25/16

Date: 02-01-16

Date: 2/3/16

Date: _____



Attachment 1									
Lindsey Waterline Improvements, Section B									
Item	Item Description	Unit	Qty.	Unit Price	Cost	Final Qty.	Adjusted Qty.	Unit Price	Cost
1	Open Cut 24-inch C905 PVC (DR-18)	LF	5,500	\$170.50	\$937,750.00	5,650	150	\$170.50	\$25,575.15
2	Open Cut 16-inch C905 PVC (DR-18)	LF	40	\$140	\$5,600	40	0	\$140.00	\$0.00
3	Open Cut 12-inch C-900 PVC (DR 18)	LF	140	\$120	\$16,800	150	10	\$120.00	\$1,200.00
4	Open-Cut 8-inch C-900 PVC (DR 18)	LF	60	\$112	\$6,720	60	0	\$112.00	\$0.00
5	Open-Cut 6-inch C-900 PVC (DR 18)	LF	120	\$103	\$12,360	140	20	\$103.00	\$2,060.00
6	Open Cut 24-inch PVC With Steel Casing	LF	300	\$400	\$120,000	107	-193	\$400.00	-\$77,200.00
7	Boring 24-inch PVC pipe with Steel Casing	LF	180	\$625	\$112,500	67	-113	\$625.00	-\$70,625.00
8	Boring 16-inch PVC pipe with Steel Casing	LF	200	\$410	\$82,000	80	-120	\$410.00	-\$49,200.00
9	Boring 12-inch PVC pipe with Steel Casing	LF	100	\$375	\$37,500	0	-100	\$375.00	-\$37,500.00
9A	Open Cut 12-inch PVC With Steel Casing (1)	LF	0	\$250	\$0	70	70	\$250.00	\$17,500.00
10	Boring 8-inch PVC pipe with Steel Casing	LF	180	\$300	\$54,000	0	-180	\$300.00	-\$54,000.00
11	Boring 6-inch PVC pipe with steel casing	LF	330	\$290	\$95,700	0	-330	\$290.00	-\$95,700.00
11A	Open Cut 6-inch PVC With Steel Casing (2)	LF	0	\$200	\$0	280	280	\$200.00	\$56,000.00
12	Connect 24-inch PVC Pipe to Existing 24-inch Waterline	EA	2	\$1,000	\$2,000	2	0	\$1,000.00	\$0.00
13	Connect 8-inch PVC Pipe to Existing 8-inch Waterline	EA	2	\$400	\$800	2	0	\$400.00	\$0.00
14	Connect 8-inch PVC Pipe to Existing 6-inch Waterline	EA	2	\$400	\$800	2	0	\$400.00	\$0.00
15	Connect 6-inch PVC Pipe to Existing 6-inch Waterline	EA	1	\$400	\$400	1	0	\$400.00	\$0.00
16	24-Inch Butterfly Valve W/ Box	EA	9	\$6,000	\$54,000	9	0	\$6,000.00	\$0.00
17	16-Inch Gate Valve W/ Box	EA	2	\$6,500	\$13,000	2	0	\$6,500.00	\$0.00
18	12-Inch Gate Valve W/ Box	EA	6	\$2,500	\$15,000	6	0	\$2,500.00	\$0.00
19	8-Inch Gate Valve W/ Box	EA	8	\$1,500	\$12,000	8	0	\$1,500.00	\$0.00
20	6-Inch Gate Valve W/ Box	EA	6	\$1,250	\$7,500	3	-3	\$1,250.00	-\$3,750.00
21	Single Short Service Connections	EA	30	\$1,000	\$30,000	34	4	\$1,000.00	\$4,000.00
22	Single Short Service Connections W/ Meter Relocation	EA	5	\$1,250	\$6,250	0	-5	\$1,250.00	-\$6,250.00
23	Single Long Service Connections	EA	3	\$3,000	\$9,000	5	2	\$3,000.00	\$6,000.00
24	Single Long Service Connections W/ Meter Relocation	EA	2	\$3,250	\$6,500	0	-2	\$3,250.00	-\$6,500.00
25	Single Extra Long Service Connections	EA	3	\$3,500	\$10,500	3	0	\$3,500.00	\$0.00
26	Fire Hydrant Assembly	EA	21	\$3,500	\$73,500	21	0	\$3,500.00	\$0.00
27	Removal of Fire Hydrant	EA	14	\$500	\$7,000	19	5	\$500.00	\$2,500.00
28	24-inch x 12-inch Cross	EA	1	\$3,500	\$3,500	1	0	\$3,500.00	\$0.00
29	24-inch x 24-inch x 16-inch Tee	EA	2	\$3,000	\$6,000	1	-1	\$3,000.00	-\$3,000.00
30	24-inch x 24-inch x 12-inch Tee	EA	3	\$2,800	\$8,400	3	0	\$2,800.00	\$0.00
31	24-inch x 24-inch x 8-inch Tee	EA	8	\$2,500	\$20,000	8	0	\$2,500.00	\$0.00
32	24-inch x 24-inch x 6-inch Tee	EA	13	\$2,200	\$28,600	14	1	\$2,200.00	\$2,200.00
33	16-inch x 16-inch x 16-inch Tee	EA	1	\$2,100	\$2,100	0	-1	\$2,100.00	-\$2,100.00
34	24-inch 45 Degree Bend	EA	2	\$2,200	\$4,400	22	20	\$2,200.00	\$44,000.00
35	24-inch 22.5 Degree Bend	EA	1	\$2,100	\$2,100	1	0	\$2,100.00	\$0.00
36	24-inch 11.25 Degree Bend	EA	3	\$2,300	\$6,900	4	1	\$2,300.00	\$2,300.00
37	16-inch 45 Degree Bend	EA	2	\$1,800	\$3,600	2	0	\$1,800.00	\$0.00
38	12-inch 90 Degree Bend	EA	2	\$700	\$1,400	0	-2	\$700.00	-\$1,400.00
39	12-inch 45 Degree Bend	EA	2	\$700	\$1,400	4	2	\$700.00	\$1,400.00
40	8-inch 45 Degree Bend	EA	14	\$500	\$7,000	14	0	\$500.00	\$0.00

41	6-inch 90 Degree Bend	EA	1	\$500	\$500		3	2	\$500.00	\$1,000.00
42	6-inch 45 Degree Bend	EA	12	\$450	\$5,400		12	0	\$450.00	\$0.00
43	16-inch X 6-inch Reducer	EA	1	\$1,500	\$1,500		0	-1	\$1,500.00	-\$1,500.00
44	8-inch X 6-inch Reducer	EA	4	\$400	\$1,600		4	0	\$400.00	\$0.00
45	Remove and Replace Concrete Pavement	SY	50	\$150	\$7,500		230	180	\$150.00	\$27,049.50
46	Remove and Replace. Concrete Drive	SY	100	\$140	\$14,000		29	-71	\$140.00	-\$9,998.80
47	Remove and Replace Concrete Curb and Gutter	LF	120	\$50	\$6,000		878	758	\$50.00	\$37,900.00
48	Remove and Replace Concrete Sidewalk	SY	70	\$100	\$7,000		1,188	1,118	\$100.00	\$111,751.00
49	Remove and Replace H.C. Sidewalk Ramps	SY	20	\$150	\$3,000		0	-20	\$150.00	-\$3,000.00
50	Solid Slab Sodding	SY	8,700	\$2	\$17,400		8,700	0	\$2.00	\$0.00
51	Clearing & Grubbing	LS	1	\$1	\$1		1	0	\$1.00	\$0.00
52	Construction Traffic Control	LS	1	\$1	\$1		1	0	\$1.00	\$0.00
53	Construction Staking and As-Built Drawings	LS	1	\$1	\$1		1	0	\$1.00	\$0.00
54	Temporary Erosion Control	LS	1	\$1	\$1		1	0	\$1.00	\$0.00
55	Pre and Post Construction Audio-Video Recording	LS	1	\$1	\$1		1	0	\$1.00	\$0.00
56	Mobilization and Insurance	LS	1	\$20,000	\$20,000		1	0	\$20,000.00	\$0.00
57	Landscaping Allowance	LS	1	\$25,000	\$25,000		0	-1	\$25,000.00	-\$25,000.00
58	Temporary Pavement Repair	SY	1,880	\$105	\$197,400		3,692	1,812	\$105.00	\$190,240.05
NEW BID ITEMS										
59	Cut and Plug Existing Water Line (3)	EA	0	\$450	\$0		14	14	\$450.00	\$6,300.00
60	8-inch x 6-inch Tee (4)	EA	0	\$550	\$0		5	5	\$550.00	\$2,750.00
61	8-inch x 4-inch Reducer (5)	EA	0	\$400	\$0		1	1	\$400.00	\$400.00
62	6-inch 22.5 Degree Bend (6)	EA	0	\$400	\$0		3	3	\$400.00	\$1,200.00
63	12-inch x 12-inch Tee (7)	EA	0	\$1,275	\$0		1	1	\$1,275.00	\$1,275.00
64	12-inch x 6-inch Reducer (8)	EA	0	\$450	\$0		1	1	\$450.00	\$450.00
65	12-inch x 6-inch Tee (9)	EA	0	\$900	\$0		1	1	\$900.00	\$900.00
				Original Contract = \$2,130,885.00			Reconciliation Change Order = \$99,226.90			
							Revised Contract = \$2,230,111.90			
Notes: Unit prices listed below are taken from the bids for Section A or Section B of the Lindsey Street Waterline improvements.										
1	New Bid Item 9A: Open Cut 12-inch PVC With Steel Casing was bid at \$250 for bid item 4 in Section A; use \$250.									
2	New Bid Item 11A: Open Cut 8-inch PVC With Steel Casing bid at \$225 for bid item 5 in Section A; negotiate unit price of \$200 for 6-inch PVC with casing.									
3	New Bid Item 59: Cut and Plug Existing 12inch WL and 6-inch WL were bid at \$500 and \$400, respectively; negotiate unit price of \$450 for this item.									
4	New Bid Item 60: 8-inch x 6-inch Tee bid at \$550 for bid item 25 in Section A; use \$550.									
5	New Bid Item 61: 8-inch x 6-inch Reducer bid at \$400; negotiate unit price of \$400 for 8-inch x 4-inch Reducer.									
6	New Bid Item 62: 6-inch 90 Degree Bend and 6-inch 45 Degree Bend bid at \$500 and \$450, respectively; negotiate unit price of \$400 6-inch 22.5 Degree Bend.									
7	New Bid Item 63: 12-inch x 8-inch Tee bid at \$900 for bid item 23 in Section A; 16-inch x 16-inch Tee bid at \$2100; negotiate unit price of \$1275.									
8	New Bid Item 64: 12-inch x 8-inch Reducer bid at \$450 for bid item 32 in Section A; use \$450 for 12-inch x 6-inch Reducer.									
9	New Bid Item 65: 12-inch x 8-inch Tee bid At \$900 for bid item 23 in Section A; use \$900 for 12-inch x 6-inch Tee									

Attachment 2									
Lindsey Waterline Improvements, Section B									
Item	Item Description	Original Contract			New Work				
		Unit	Qty.	Unit Price	Cost	Final Qty.	Adjusted Qty.	Unit Price	Cost
NEW WORK									
1	Fast Track Concrete Pavement Repair	CY	0	\$258.50	\$0	34	34	\$258.50	\$8,789.00
2	Directional Drill 24" PVC Piping w/o steel casing	LF	0	\$200.00	\$0	150	150	\$200.00	\$30,000.00
3	Repair Damaged Fiberglass UST at Station	LS	0	\$500.00	\$0	1	1	\$500.00	\$500.00
4	Labor and Equipment Downtime Due to Unknown UST	DAY	0	\$7,500.00	\$0	1	1	\$7,500.00	\$7,500.00
		Original Contract =			\$2,130,885.00				
		Reconciliation Change Order =			\$99,226.90				
		Subtotal =			\$2,230,111.90				
						New Work Change Order =		\$46,789.00	
						Revised Contract Amount =		\$2,276,900.90	
Notes:									
New Item 1: Reimburse Contractor for use of "Fast Track" concrete allowing Lindsey Street to be opened to traffic the morning following concrete placement. Cost of fast track concrete is \$335 per CY while standard concrete is \$100 per CY; cost difference is \$235 per CY plus 10% overhead and profit or \$258.50 per CY. Five open trench crossings of Lindsey street were repaired overnight with fast track concrete.									
New Item 2: Directional Drill 24" PVC Piping w/o steel casing was utilized between Stations 72+00 and 73+50 to minimize damage to extensive landscaping and large trees adjacent to work. Unit price of \$200 per linear foot was negotiated considering additional cost to mobilize boring machine and associated equipment as well as considering the current amounts bid for other similar work. Current Bid Item 1 for Open Cut 24-inch PVC was \$170.50 per foot, while Bid Item 7 for Boring 24-inch PVC with steel casing was \$625 per foot.									
New Item 3: Repair abandoned fiberglass underground storage tank (UST) encountered at Station 67+36 and damaged by excavator bucket; negotiate lump sum price of \$500 for fiberglass tank repair under the supervision of the Oklahoma Corporation Commission (OCC).									
New Item 4: Compensate Contractor for delay due to encountering abandoned underground storage tank (UST) (not shown on plans) between Stations 67+36 and 67+88. Delay caused due to need to obtain OCC authorization to leave UST in place and approve tank repair; negotiate lump sum price of \$7,500 for loss of one day's production for equipment and labor on site.									