

NORMAN UTILITIES AUTHORITY  
CITY OF NORMAN  
CLEVELAND COUNTY, OKLAHOMA

DATE: October 18, 2022  
 CHANGE ORDER NO.: Six (6) - Final  
 CONTRACT NO.: Contract K-1920-73  
 PROJECT: FYE17 Sewer Maintenance Project  
 CONTRACTOR: Horseshoe Construction, Inc.  
2309 S. Battleground Road  
La Porte, TX 77571

	<u>Contract Time</u>		<u>Contract Amount</u>
ORIGINAL:	<u>360</u>	calendar days	<u>\$2,796,161.25</u>
PREVIOUS CHANGE ORDERS:	<u>359</u>	calendar days	<u>\$176,182.30</u>
THIS CHANGE ORDER:	<u>100</u>	calendar days	<u>-\$110,989.49</u>
REVISED AMOUNT:	<u>819</u>	calendar days	<u>\$2,861,354.06</u>
ORIGINAL START DATE:	<u>April 27, 2020</u>		
ORIGINAL COMPLETION DATE:	<u>April 22, 2021</u>		
PREVIOUS COMPLETION DATE:	<u>April 16, 2022</u>		
NEW COMPLETION DATE:	<u>July 25, 2022</u>		

DESCRIPTION:	Increase / Decrease
Item 1: Modification of existing pay items to match field conditions as outlined in Attachment 1.	\$ (181,180.75)
Item 2: Creation of new pay item for obstruction removals during pipe bursting operations and payment for manhole rings and covers to be used by staff as outlined in Attachment 1.	\$ 70,191.26

SUBMITTED BY \_\_\_\_\_ Date: 10/25/2022  
 CONTRACTOR: Horseshoe Construction, Inc.

RECOMMENDED BY \_\_\_\_\_ Date: \_\_\_\_\_  
 ENGINEER: Nathan Madenwald, P.E., Utilities Engr.

REVIEWED AS TO FORM \_\_\_\_\_ Date: \_\_\_\_\_  
 AND LEGALITY: Heather Poole, Authority Attorney

ACCEPTED BY \_\_\_\_\_ Date: \_\_\_\_\_  
 NORMAN UTILITIES AUTHORITY: Larry Heikkila, Chairman



Attachment 1

Bid Item	Description	Units	Original Contract		Original Contract	Proposed Quantity Increase/	Cost Increase /	Percent Change
			Amount	Unit Price	Amount	Decrease	Decrease	
1	Mobilization/Demobilization and Insurance (Revised CO#1)	LS	1.092	\$ 80,000.00	\$87,360.00		\$0.00	0.00%
2	OSHA Trench Safety	LS	1.092	\$ 50,000.00	\$54,600.00		\$0.00	0.00%
3	Work Zone Traffic Control Plan	LS	1.092	\$ 10,000.00	\$10,920.00		\$0.00	0.00%
4	Point Repair – 8-inch PVC	EA	6	\$ 4,200.00	\$25,200.00	-1.00	-\$4,200.00	-16.67%
5	Service Tap Repair – 8-inch PVC	EA	6	\$ 3,200.00	\$19,200.00	-4.00	-\$12,800.00	-66.67%
6	Open Trench Pipe Replacement – 8-inch PVC	LF	210	\$ 190.00	\$39,900.00	95.00	\$18,050.00	45.24%
7	Pipe-burst 12-inch Pipe to 12-inch HDPE Pipe	LF	1,190	\$ 75.00	\$89,250.00	-32.00	-\$2,400.00	-2.69%
8	Pipe-burst 8-inch Pipe to 12-inch HDPE Pipe	LF	1,700	\$ 75.00	\$127,500.00	-85.00	-\$6,375.00	-5.00%
9	Pipe-burst 8-inch Pipe to 8-inch HDPE Pipe	LF	25,500	\$ 60.00	\$1,530,000.00	-757.00	-\$45,420.00	-2.97%
10	Pipe-burst 6-inch Pipe to 8-inch HDPE Pipe	LF	840	\$ 60.00	\$50,400.00	-61.00	-\$3,660.00	-7.26%
11	Pipe-burst 4-inch Pipe to 8-inch HDPE Pipe	LF	25	\$ 75.00	\$1,875.00	3.00	\$225.00	12.00%
12	Seal and Coat Manhole with New Ring and Cover to 6 foot Depth	EA	144	\$ 1,350.00	\$194,400.00	-10.00	-\$13,500.00	-6.94%
13	Seal and Coat Manhole Additional Depth Manhole Wall Greater Than 6-Foot	VF	614	\$ 105.00	\$64,470.00	-278.36	-\$29,227.80	-45.34%
14	Abandon Existing Manhole	EA	5	\$ 800.00	\$4,000.00	1.00	\$800.00	20.00%
15	Remove Existing Manhole	EA	1	\$ 1,150.00	\$1,150.00	-1.00	-\$1,150.00	-100.00%
16	Raise Existing 4-Foot Manhole Wall	VF	5	\$ 700.00	\$3,500.00	-4.00	-\$2,800.00	-80.00%
17	Construct 4-foot ID Manhole to 6 foot Depth	EA	9	\$ 5,500.00	\$49,500.00	-1.00	-\$5,500.00	-11.11%
18	Construct Additional Depth 4-foot ID Manhole Wall	VF	40	\$ 300.00	\$12,000.00	-29.95	-\$8,985.00	-74.88%
19	Bypass Pumping	LS	1.090	\$ 100.00	\$109.00	-0.33	-\$33.00	-30.28%
20	Plug Existing 8-inch Sewer	EA	2	\$ 500.00	\$1,000.00	-2.00	-\$1,000.00	-100.00%
21	Flowable Fill	CY	20	\$ 300.00	\$6,000.00	-20.00	-\$6,000.00	-100.00%
22	Re-Connect Existing Service to New HDPE Sewer	EA	448	\$ 575.00	\$257,600.00	-31.00	-\$17,825.00	-6.92%
23	Re-Connect Existing Service to New PVC Sewer	EA	15	\$ 250.00	\$3,750.00	-13.00	-\$3,250.00	-86.67%
24	Extend 4-inch Service Greater Than 10 Feet	LF	222	\$ 60.00	\$13,320.00	63.00	\$3,780.00	28.38%
25	Curb and Gutter Removal and Replacement	LF	20	\$ 22.00	\$440.00	-9.00	-\$198.00	-45.00%
26	Sidewalk Removal and Replacement	SY	50	\$ 100.00	\$5,000.00	-44.39	-\$4,439.00	-88.78%
27	Pavement Removal and Replacement	SY	150	\$ 100.00	\$15,000.00	-150.00	-\$15,000.00	-100.00%
28	Street Pavement Removal and Replacement	SY	257	\$ 120.00	\$30,808.80	11.34	\$1,360.80	4.42%
29	Landscaping and Sprinkler Repair Allowance	LS	1	\$ 20,000.00	\$20,000.00	-0.87	-\$17,400.00	-87.00%
30	Site Restoration	LS	1.092	\$ 42,500.00	\$46,502.00	0.00	\$0.00	0.00%
31	Pre-Construction Clean and TV Inspection	LS	1.092	\$ 150,000.00	\$163,800.00	0.00	\$0.00	0.00%
32	Post Construction Clean and TV Inspection	LF	28,967	\$ 1.25	\$36,208.75	-3387.00	-\$4,233.75	-11.69%

**SUBTOTAL** **\$2,964,763.55** **(\$181,180.75)** **-6.11%**

**CHANGE ORDER PAY ITEMS**

CO2-1	Rock Backfill Under Paving	TN	266	\$30.00	\$7,980.00	0.00	\$0.00	N/A
CO3-1	Storm Sewer Crossings and Reconstructions	EA	2	\$9,500.00	\$19,000.00	0.00	\$0.00	N/A
	Cost Reduction for Elimination of Clean-Outs on Service							
CO3-2	Lines	EA	434	(\$100.00)	-\$43,400.00	-39.00	\$3,900.00	N/A
CO4-1	Clearing and Grubbing	LS	1	\$4,000.00	\$4,000.00	0.00	\$0.00	N/A
	Addition of Cast-In-Place Pipe (CIPP) as Allowable Installation Method per Attached Specifications (Quantity to be Claimed in Addition to Item 9)							
CO5-1	Service Reconnections for CIPP Sections - Includes Internal Reconnections and Service Line Lining to Top Vertical Bend or Internal Reconnection to Previously Replaced Service Reconnection per Attached Specifications (Services cannot also be claimed under	LF	1,806	\$0.00	\$0.00	0.00	\$0.00	N/A
	Item 22)							
CO5-2		LS	1	\$20,000.00	\$20,000.00	0.00	\$0.00	N/A
CO6-1	Obstruction Removals	LS	0	\$31,819.69	\$0.00	1.00	\$31,819.69	N/A
CO6-2	Manhole Rings and Covers	LS	0	\$34,471.57	\$0.00	1.00	\$34,471.57	N/A

**SUBTOTAL** **\$7,580** **\$70,191.26** **2.37%**

**Original Contract Amount**

Original Contract Amount	<b>\$2,796,161.25</b>		
Change Order No. 1	\$0.00	0.00%	
Change Order No. 2	\$129,563.50	4.63%	CO 2 Corrected
Change Order No. 3	-\$910.00	-0.03%	
Change Order No. 4	\$27,528.80	0.98%	CO 4 Corrected
Change Order No. 5	\$20,000.00	0.72%	
Change Order No. 6	-\$110,989.49	-3.97%	
<b>Final Contract Amount</b>	<b>\$2,861,354.06</b>		