

**NORMAN UTILITIES AUTHORITY
CITY OF NORMAN
CLEVELAND COUNTY, OKLAHOMA**

DATE: October 11, 2023
 CHANGE ORDER NO.: Two (2)
 CONTRACT NO.: K-2223-118
 PROJECT: WW0178 - Sanitary Sewer Stream Crossing Replacement
 CONTRACTOR: Krapff-Reynolds Construction Co
2400 N.E. 4th Street, Oklahoma City, OK 73117

	<u>Contract Time</u>		<u>Contract Amount</u>	
ORIGINAL:	90	calendar days	\$593,630.00	
PREVIOUS CHANGE ORDERS:	7	calendar days	\$55,714.00	9.39%
THIS CHANGE ORDER:	90	calendar days	\$18,893.00	3.18%
REVISED AMOUNT:	187	calendar days	\$668,237.00	12.57%
ORIGINAL START DATE:	May 8, 2023			
ORIGINAL COMPLETION DATE:	August 6, 2023			
PREVIOUS COMPLETION DATE:	August 13, 2023			
NEW COMPLETION DATE:	November 11, 2023			

DESCRIPTION:	Increase / Decrease (\$)
<u>CO 2.1 - Add Raven 405 Lining to Manholes & Revise Manhole Frames, Covers and Rings from Cast Iron to Composite by Trumbull:</u> Because the two manholes to be installed on this project are in an area likely to experience high levels of hydrogen sulfide which is corrosive, anti-corrosion coating (Raven 405) will be added to manhole interiors including benches and channels and manhole frames, covers and rings will be revised from those made of specified cast iron to those composed of a composite material because the composite material is non-corrosive. This will also add 90-Calendar Days to project duration due to lead time for the composite manhole frames/covers/rings.	\$13,893.00
<u>CO 2.2 - Furnish and Install Permanent Groundcover Using "Scorched Earth" Seed Mix:</u> Because project was originally scheduled to be completed in June, Contract called for installation of temporary groundcover with the intent that City of Norman would contract to have permanent groundcover installed by others during the fall planting season. Because of unrelated delays, Contractor will now be completing final restoration during fall planting season so now a permanent groundcover, "Scorched Earth" seed mix, can be planted immediately as part of project restoration. (NOTE: Seed mix recommended by O.U. Environmental Department staff who manage the Oliver's Woods Ecological Preserve).	\$5,000.00
TOTAL for CO 2 =	\$18,893.00
1. Additional time for CO 2.1 above:	90 Cal. Days
2. Additional time for CO 2.2 above:	0 Cal. Days
Total:	90 Cal. Days

Krapff-Reynolds Construction Co. agrees to complete the work as amended and modified by Change Order No. 2 as described above.

CONTRACTOR:  Date: 10/16/2023
 Krapff-Reynolds Construction Co

RECOMMENDED BY ENGINEER:  Date: 10/11/2023
 Kenneth J. Giannone, P.E., City of Norman Utilities

APPROVED AS TO FORM AND LEGALITY: _____ Date: _____
 City Attorney

ACCEPTED BY NORMAN UTILITIES AUTHORITY: _____ Date: _____
 City Manager

Attachment 1

BID ITEMS:	Description	Units	Original Contract Quantity	Unit Price	Original Contract Amount	Proposed Quantity Increase/	Cost Increase / Decrease	Percent Change
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NO AMENDMENT ITEMS IN THIS CHANGE ORDER

				Original Contract Amount =	\$593,630.00	Subtotal Amendment Items =	\$0.00	0.00%
CHANGE ORDER PAY ITEMS								
CO 2.1	Add Raven 405 Lining and Composite Frames/Covers/Rings to Manholes	Lump Sum	0	\$13,893.00	\$0	1.00	\$13,893.00	N/A
CO 2.2	Revise Temporary Groundcover to Permanent Groundcover using "Scorched Earth" Seed Mix	Lump Sum	0	\$5,000.00	\$0	1.00	\$5,000.00	N/A

						Subtotal Change Order Items =	\$18,893.00	3.18%
						Total Change Order No. 2 =	\$18,893.00	3.18%

					Original Contract Amount			
					\$593,630.00			
					Change Order No. 1			
					\$55,714.00			9.39%
					Change Order No. 2			
					\$18,893.00			3.18%
					Revised Contract Amount			
					\$649,344.00			12.57%