



CHANGE ORDER

Project: Project 2 of 2 East 22nd St

Contractor: General Excavating
6701 Cornhusker Hwy
Lincoln, NE. 68507

Change Order No.: 2
Date: 5/3/2024
Engineers Project No.: Project 2 of 2 East 22nd St
Contract Date: Mar-22

We hereby request approval of changes in the plans, specifications, or work not included in the plans or contract described as follows:

1. New Contract Items

CO 2-1 - Pipe Railing Infill Panels

After installation of the Pipe Railing Fence on the new structure the City of Crete Building and Safety department had reviewed the site. Following their review, they had concerns with the gap between the bottom rail and top of structure and this being a potential safety issue. After review a 4" x 4" welded wire mesh infill panel was proposed to reduce the gap and eliminate the potential safety concerns. A price was requested from the contractor for installation of 12 panels inserted between the existing vertical posts along the top of the new structure. The price submitted was reviewed and found to be acceptable. The unit price shown has been adjusted to include the prime contractor's 5% markup allowed per the NDOT Standard Specifications.

The agreed lump sum unit price shall be full compensation for all material, labor, equipment, tools and incidentals necessary to complete the work of adjusting the previously installed pipe railing and installation of the required panels.

CO 2-2 - Build Curb Inlets

The project plans called for curb inlets to be constructed at Sta. 5+25 16' Lt and Sta. 5+25 16' Rt. The items associated with the construction of the curb inlets, were not included in the schedule of bid items. The contractor submitted unit costs for, Concrete for Inlets, Reinforcing Steel for Inlets, Face Armors, and Cast Iron Ring and Covers. The unit costs submitted were based on recently bid projects for the NDOT. These unit costs were also reviewed based on Item Average Unit Price Summaries for other recently awarded NDOT projects and determined to be acceptable. The unit costs submitted were summed together and divided by 2 to determine a unit price per the each. The agreed unit price shall be full compensation for all material, labor, equipment, tools and incidentals necessary to complete the construction of the curb inlets at Sta. 5+25 Lt and 5+25 Rt. as required by the plan dimensions.

CO 2-3 - Liquidated Damages

Per the contract Bid Documents, Article 4 - Time of Completion, the contractor was granted 110 calendar days from the start of construction or a completion date of June 30, 2023. If the contractor failed to meet this requirement the City of Crete shall have the right to impose damages at a rate of \$650.00/ day that the work remains incomplete on the project site. The amount charged for damages is for expenses incurred by the City due to the failure of the Contractor to complete the work within the stipulated time period

Construction of the project began December 15, 2022, and the roadway was opened to traffic on August 18, 2023 with final seeding work being completed around September 20, 2023. From the time period of December 15, 2022 to August 18, 2023 the Contractor used a total of 246 calendar days totaling an overrun of 136 CD @ \$650.00 = \$88,400.00. Based on the required June 30, 2023 completion this resulted in an overrun of 49 CD. 49 CD @ \$650.00 = \$31,850.00 in potential damages. When averaging the two damage assessments the result was an average of \$60,125.00 in potential damages.

As the work was progressing, some additional work became necessary - relocation of the watermain. This work required approximately 14 days to complete. 14 CD @ \$650.00 = \$9,100.00.

The NET DAMAGES all considered are \$51,025.00. After considering the additional work required to construct the watermain on the project, the City of Crete has elected to impose damages of \$45,000.00 due to the Contractors failure to meet the completion deadlines required for the project.

<u>Item No.</u>	<u>Description</u>	<u>Plan Qty.</u>	<u>Unit Cost</u>	<u>As-Built Qty.</u>	<u>Overrun</u>	<u>Underrun</u>
CO 2-1	Pipe Railing Infill Panels	0.00 LS	\$7,336.56	1.00 LS	\$7,336.56	
CO 2-2	Build Curb Inlets	2.0 EA	\$6,233.98	2.0 EA	\$12,467.96	
CO 2-2	Liquidated damages	0.00 LS	\$45,000.00	1.0 LS		\$ (45,000.00)
NEW CONTRACT ITEMS NET TOTAL						\$ (25,195.48)

The following remaining items were either overrun or underrun in accordance with the revisions to the plans or to meet the project's

As-Built conditions. Below is a breakdown of those items.

<u>Item No.</u>	<u>Description</u>	<u>Plan Qty.</u>	<u>Unit Cost</u>	<u>As-Built Qty.</u>	<u>Overrun</u>	<u>Underrun</u>
1.3	Water, Applied	42.00 MG	\$1.00	0.00 MG		(\$42.00)
1.4	Covercrop Seeding	1.00 AC	\$375.00	0.00 AC		(\$375.00)
1.5	Temporary Silt Fence	200.00 LF	\$4.30	0.00 LF		(\$860.00)
1.6	Temporary Silt Check, Type Wattle	500.00 LF	\$4.30	250.00 LF		(\$1,075.00)
1.7	Silt Checks, Type Wattle	680.00 LF	\$8.60	380.00 LF		(\$2,580.00)
1.8	Erosion Control, Class 1D	1700.00 SY	\$2.00	1533.42 SY		(\$333.16)



SPEECE | LEWIS
ENGINEERS

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Item No.	Description	Plan Qty.	Unit Cost	As-Built Qty.	Overrun	Underrun
1.9	Sodding	130.00 SY	\$16.00	0.00 SY		(\$2,080.00)
1.10	Temporary Erosion Control, Class 1D	700.00 SY	\$2.10	0.00 SY		(\$1,470.00)
1.11	Rock Riprap, Type C	120.00 TN	\$121.00	128.75 TN	\$1,058.75	
1.14	Remove Driveway	67.00 SY	\$13.00	67.52 SY	\$6.76	
1.15	Remove Pavement	314.00 SY	\$11.00	376.89 SY	\$691.79	
1.19	Remove Manhole	3.00 EA	\$830.00	4.00 EA	\$830.00	
2.1	8" Class 47B-3500 Concrete Pavement	978.00 SY	\$91.00	1048.88 SY	\$6,450.08	
2.2	4" Foundation Course	978.00 SY	\$19.00	1048.88 SY	\$1,346.72	
2.3	Subgrade Preparation	978.00 SY	\$8.30	1048.88 SY	\$588.30	
2.5	Water, Applied	4.00 MG	\$1.00	0.00 MG		(\$4.00)
2.7	5" Class 47B-3000 Concrete Driveway	202.00 SY	\$77.00	238.76 SY	\$2,830.52	
2.9	Crushed Rock Surface Course	8.00 TN	\$78.00	13.37 TN	\$418.86	
3.2	18" Storm Sewer Pipe, Type 1	36.00 LF	\$60.00	37.00 LF	\$60.00	
3.3	24" Storm Sewer Pipe, Type 1	114.00 LF	\$76.00	96.50 LF		(\$1,330.00)
3.4	Crushed Rock Base Course	137.00 TN	\$134.00	177.00 TN	\$5,360.00	
3.9	Pipe Railing Fence	180.00 LF	\$69.00	185.00 LF	\$345.00	
4.1	Rental of Loader, FO	10.00 HR	\$55.00	0.00 HR		(\$550.00)
4.2	Rental of Dump Truck, FO	10.00 HR	\$90.00	0.00 HR		(\$900.00)
4.3	Rental of Skid Loader, FO	10.00 HR	\$100.00	0.00 HR		(\$1,000.00)
4.4	Rental of Crawler Mounted Hydraulic Excavator, FO	10.00 HR	\$120.00	0.00 HR		(\$1,200.00)
CO 1-1	6" MJ Tee, Restrained	2.00 EA	\$980.00	1.00 EA		(\$980.00)
CO 1-2	8" MJ Plug	2.00 EA	\$350.00	1.00 EA		(\$350.00)
CO 1-3	6" MJ 90° Bend, Restrained	2.00 EA	\$660.00	3.00 EA	\$660.00	
CO 1-5	8" DR 18 PVC Watermain, RJ Bored	275.00 LF	\$121.00	238.00 LF		(\$4,477.00)
TOTAL					\$20,646.78	(\$19,606.16)
OVERRUNS/UNDERRUNS NET TOTAL					\$ 1,040.62	
CHANGE ORDER NET TOTAL					\$ (24,154.86)	

Due to the Original Contract Item Overrun/Underrun and the addition of Change Order Items, the total project cost will be decreased by \$24,154.86.

NOT VALID UNTIL SIGNED BY THE OWNER, ENGINEER AND CONTRACTOR

Original Contract Sum..... \$842,112.80
Net change by previously authorized Change Orders..... \$41,555.00
The Contract Sum prior to this Change Order was..... \$883,667.80
The Contract Sum will be Increased/Decreased -\$24,154.86
The new Contract Sum including Change Order will be..... \$859,512.94

Engineer
Speece Lewis Engineers, Inc.

Contractor
General Excavating

Owner
City of Crete

Address
906 South 26th Street
Lincoln, NE 68510

Address
6701 Cornhusker Hwy
Lincoln, NE 68507

Address
243 East 13th St.
Crete, NE 68333

By Monte Hobelman

By [Signature]

By _____

Date 5/3/2024

Date 5/8/24

Date _____