

August 10, 2023  
Project No. 210262

Adam Smith  
City Manager  
City of Grand Ledge  
310 Greenwood Street  
Grand Ledge, MI 48837

**Change Order 4 (already approved) – City of Grand Ledge Iron Removal Plant, Description, and Impact**

Change Order 4 has already been approved. The decision was made to approve the Change Order to avoid delays to the project.

The following is a description of the items for Change Order 4 of the Grand Ledge Iron Removal Plant Project:

Contract Modifications from Change Order

- Original Contract Price – \$17,338,148.00
- Contract Price following previous Change Orders – \$17,190,867.21
- Modification to Contract Price through from Change Order 4 – \$8,233.69
- Modification to Contract Price from all Change Orders – (\$139,047.10)
- Revised Contract Price with current Bulletin – \$17,199,100.90

**Table 1 – Change Order 4 Monetary Impact Breakdown**

Item No.	Item Description	Contract Modification	Cumulative Contract Price
1	Additional Duct Bank for Electrical Service	\$8,233.69	\$17,199,100.90

Narrative Description of Change Order 4

Change Order 4 includes some additional duct bank (concrete protecting wires and conduit) to protect the electrical service for the new Iron Removal Plant, especially near the road where additional utilities may be run.

ITEM NO. 1

- Protection of Electrical Service into site
  - Includes 80-feet of full concrete duct bank encasement near the Saginaw Highway with 545-feet of a 4-inch concrete cap for the remaining length of the electrical service before it gets to the switchgear just east of the Water Plant.

Impact to Project

The items within this Change Order add cost but were deemed necessary to the project. They added a total of \$8,233.69 to the project. The added protection of the electrical service entering the site will avoid future outages of the water plant.

If you have any questions or require additional information, please contact me at 616.464.3825 or [cmccorkle@fishbeck.com](mailto:cmccorkle@fishbeck.com).

Sincerely,



**Colin G. McCorkle, PE**

Senior Water and Wastewater Engineer

Attachments

By email

Copy: David Pawley – City of Grand Ledge  
Kurt Ristow – City of Grand Ledge  
Dave Baar, PE – Fishbeck  
John Willemin, PE – Fishbeck

CHANGE ORDER  
 PAGE 1 OF 1

CONTRACT FOR:	City of Grand Ledge Iron Removal Plant
OWNER:	City of Grand Ledge 310 Greenwood Street Grand Ledge, MI 48837
CONTRACTOR	RK Davis, Inc. 4457 40th Street, SE Kentwood, MI 49512
ENGINEER:	Fishbeck 1515 Arboretum Drive, SE Grand Rapids, MI 49546
ATTACHMENTS:	Change Proposal 1 with pricing from the Contractor.
Contractor shall indicate approval of Change Order through signing of this document and returning to Engineer. Engineer will forward to Owner, who shall indicate approval of Change Order through signing of this document and returning to Engineer. Upon receipt of fully executed (all signatures) Change Order, Engineer will distribute to all parties.	
YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES IN THE CONTRACT DOCUMENTS:	
The following items changing the contract documents were chosen by the Owner from Change Proposal 1 for execution:	
ITEM NO. 1: Duct Bank for Electrical Service	
Sheet: E003 – Electrical Site Plan (not reissued)	
Specification: 26 05 43 – Underground Ducts and Raceways for Electrical Systems (not reissued)	
A. 80-feet from the road of full encasement without rebar reinforcement for electrical service. 545-feet of 4-inch concrete cap for remaining service.	
<b>ADD: \$8,233.69</b>	

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIMES: N/A

Original Contract Price:

Original Contract time: March 7, 2023

\$17,338,148.00

Substantial Completion: January 16, 2025

Ready for final payment: February 17, 2025

Previous Change Order No.: 1-3

Net change from previous Change Orders:

(\$147,280.79)

0 Days

Contract Price prior to this Change Order:

Contract Time prior to this Change Order:

\$17,190,867.21

Substantial Completion: January 16, 2025

Ready for final payment: February 17, 2025

Net increase of this Change Order:

Net change of this Change Order:

\$8,233.69

0 Days

Contract Price with all approved Change Orders:

Contract Time with all approved Change Orders:

\$17,199,100.90

Substantial Completion: January 16, 2025

Ready for final payment: February 17, 2025

CHANGE ORDER  
PAGE 2 OF 1

RECOMMENDED

By:   
Engineer

Colin G. McCorkle, PE  
Sr. Water/Wastewater Engineer

Date: July 13, 2023

APPROVED

By:   
Contractor

Peter Elzinga, Project Manager  
Name and Title of Signatory

Date: July 13, 2023

APPROVED

By:   
Owner

Adam Smith, City Manager  
Name and Title of Signatory

Date: 7/13/23

END OF CHANGE ORDER



O 517.543.9900  
F 517.543.9911



PO BOX 490  
POTTERVILLE, MI 48876

7/5/2023 REV 2

RK Davis  
ATTN: Peter Elzinga  
4457 40<sup>th</sup> St SE  
Kentwood, MI 49512

RE: Grand Ledge Iron Removal Plant- RFI #7- Feeder Encasement Quote

Dear Mr. Elzinga,

Centennial Electric, LLC, is pleased to quote you for the above-mentioned project based off the RFI #7 response and drawings issued 11/1/2022. We have included the following:

Installation of necessary duct bank spacers, concrete cookies, and concrete to encase the feeder that was not originally called for on E003

Materials:	\$ 14,655.00
Labor:	\$ 23,567.00
Tax:	\$ 879.00
DJE- Permit:	\$ 75.00
Overhead:	\$ 5,745.00
Bond:	\$ 404.00
<b>Total:</b>	<b>\$ 45,325.00</b>

Alternate VE Options:

Full encasement without rebar reinforcement - \$15,925.00 or \$25.48/Ft  
4" concrete cap in lieu of full encasement - Total - \$6,200.00 or \$9.92/Ft

Full encasement for 80 linear feet starting at roadway with balance to be 4" concrete cap

80 x 25.48 = 2,038.40  
545 x 9.92 = 5,406.40  
**Total = \$7,744.80**

Please do not hesitate to contact me with any questions.

Sincerely,

Mike Bozung  
Project Manager/ Estimator