

August 14, 2023  
Project No. 210262

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

### Change Order 6 – City of Grand Ledge Iron Removal Plant, Description, and Impact

The following is a description of the items for Change Order 6 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 – \$17,224,605.90
- Modification to Contract Price from Change Order 6 – (\$4,579.67)
- Modification to Contract Price from all Change Orders – (\$118,121.77)
- Revised Contract Price with current Change Order – \$17,220,026.23

**Table 1 – Change Order 6 Monetary Impact Breakdown**

Item No.	Item Description	Contract Modification	Cumulative Contract Price
1	Change Horsepower of Low Service Pumps	\$9,285.33	\$17,233,891.23
2	Use of AWWA Butterfly Valves	(\$13,865.00)	\$17,220,026.23

#### Narrative Description of Change Order

Change Order 6 includes the increase of horsepower for the low service pumps. In addition, it includes the replacement of high-performance butterfly valves with AWWA butterfly valves.

The items are as follows:

#### ITEM NO. 1

- Change Horsepower of Low Service Pumps from 60 HP to 75 HP
  - Based on review of the selected pump design, it was assumed that a 60 HP motor would be sufficient to operate the low service pumps. During submittal review, the manufacturer of said pump indicated that a 75 HP motor would be needed.

#### ITEM NO. 2

- Change High Performance Butterfly Valves to AWWA C504 Butterfly Valves
  - High Performance Butterfly Valves were specified for all modulating butterfly valves. The cost and lead time of these valves were higher than initially expected. The decision was made to allow AWWA C504 Butterfly Valves, which should provide a similar level of service while being more easily obtained and affordable.

Impact to Project

The items within this Change Order are not expected to impact the schedule and will provide a net cost savings of \$4,579.67 to the project.

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