

Grand Ledge City Council Resolution # _____ of 2023

A Resolution to Approve Change Order No. 5 to the Iron Removal Facility Project.

A resolution adopted by the Grand Ledge City Council, at a regular meeting held on Monday, 14 August 2023, in the Council Chambers, City Hall, 310 Greenwood St., Grand Ledge MI 48837, in compliance with the Open Meetings Act, as amended.

Whereas, the City of Grand Ledge, Michigan (“City”) is a municipal corporation organized under the provisions of the Home Rule City Act, Public Act 279 of 1909, as amended, and is governed by the provisions of the Grand Ledge City Charter adopted 07 August 2018, as amended (“Charter”); and

Whereas, Charter §13.1A provides:

“The power to make and to authorize the making of contracts on behalf of the City is vested in the City Council and shall be exercised in accordance with the provisions of law”; and

Whereas, the City previously approved a proposal and authorized a contract for construction services for the Iron Removal Facility Project from Fishbeck; and

Whereas, the City Manager previously approved Change Order No. 4 for the Iron Removal Facility Project, under the authorization of Resolution #36 of 2022 and Resolution #60 of 2022; and

Whereas, Fishbeck has submitted Change Order No. 5 for the Iron Removal Facility Project;

Now, Therefore, It Is Resolved:

1. The City approves Change Order No. 5 to the Iron Removal Facility Project, as attached.
2. The City directs the City Manager and Finance Director / Treasurer to appropriate the funds necessary to implement said change order.
3. The City Manager, or their duly authorized agent or representative, is authorized and directed to implement said change order on behalf of the City; to do any other act(s) or thing(s) which shall be necessary to implement said change order on behalf of the City; to preserve and protect the rights, duties and obligations of the City thereunder; and to do any act or thing required by statute, Charter, ordinance, rule, regulation or other provision of law in order to implement said change order.

Motion by

Second by

Ayes:

Nays:

Absent:

Approved:

Keith O. Mulder, Mayor

I, Gregory L. Newman, Grand Ledge City Clerk, certify this is Resolution #_____ of 2023, adopted by the Grand Ledge City Council at a regular meeting held on Monday, 14 August 2023; in the Council Chambers, City Hall, 310 Greenwood St., Grand Ledge MI 48837, in compliance with the Open Meetings Act, as amended.

Gregory L. Newman, City Clerk

August 10, 2023
Project No. 210262

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

Change Order 5 – City of Grand Ledge Iron Removal Plant, Description, and Impact

The following is a description of the items for Change Order 5 of the Grand Ledge Iron Removal Plant Project:

Contract Modifications from Change Order 5

- Original Contract Price – \$17,338,148.00
- Contract Price following previous Change Orders – \$17,199,100.90
- Modification to Contract Price through from Change Order 5 – \$25,505.00
- Modification to Contract Price from all Change Orders – (\$113,542.10)
- Revised Contract Price with current Change Order – \$17,224,605.90

Table 1 – Change Order 5 Monetary Impact Breakdown

Item No.	Item Description	Contract Modification	Cumulative Contract Price
1	Provide new Outlet Control Structure	\$6,411.27	\$17,205,512.17
2	Air Valve Sizing Revision	\$19,093.73	\$17,224,605.90

Narrative Description of Change Order 5

Change Order 5 includes the purchase of new Outlet Control Structures. In addition, it includes the upsizing of some combination air release and air/vacuum valves, necessary for proper operation of the pressure filters.

The items are as follows:

ITEM NO. 1

- Purchase of new Outlet Control Structures
 - The specified and delivered Outlet Control Structures were too tall for the Detention Basins. The most inexpensive solution to address this was the purchase of new adequately sized Outlet Control Structures for use in the Detention Basins.

ITEM NO. 2

- Upsizing of Air Combination Valves
 - The valves were originally specified as 2-inch Air Valves in the Contract Documents. However, further discussion with the selected pressure filter manufacturer led to a needed upsizing to 3-inch Air Valves to allow for proper operation of the pressure filters. This is the cost to upsize those air valves to their correct size. It should be noted that the pricing was checked by getting quotes from the Air Valve supplier's competitors.

Impact to Project

The items within this Change Order add cost but were deemed necessary to the project. They added a total of \$25,505.00 to the project. The new Outlet Control Structures will allow the detention ponds to drain properly. The new size of air valve for the pressure filters was deemed necessary to the operation of said filters based on conversations with the selected filter manufacturer.

If you have any questions or require additional information, please contact me at 616.464.3825 or 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:	Bulletin 4 with pricing from the Contractor
<p>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.</p>	
YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES IN THE CONTRACT DOCUMENTS:	
<p>The following items changing the contract documents were chosen by the Owner from Change Proposal 1 for execution:</p>	
ITEM NO. 1: New Outlet Control Structures	
Sheet:	C301 – Site Grading Plan (reissued) C401 – Site Utility Plan (reissued) C502 – Details (reissued)
A.	Revise grading of two detention ponds.
B.	Revise Outlet Control Structure inverts and orifice elevations – new structures to be used.
C.	Revise outlets of Outlet Control Structures and remove drainage outlet swales.
D.	Revise OCS Details on Sheet C502.
ADD: \$6,411.27	
ITEM NO. 2: Air Valve Sizing	
Sheet:	P003 – Schedules and Details (reissued)
A.	Revise air valve sizing and type on Process Valve Schedule.
ADD: \$19,093.73	

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES: N/A
Original Contract Price:	Original Contract time: <u>March 7, 2023</u>
<u>\$17,338,148.00</u>	Substantial Completion: <u>January 16, 2025</u>
	Ready for final payment: <u>February 17, 2025</u>
Previous Change Order No.: 1-4	Net change from previous Change Orders:
<u>(\$139,047.10)</u>	<u>0 Days</u>
Contract Price prior to this Change Order:	Contract Time prior to this Change Order:
<u>\$17,199,100.90</u>	Substantial Completion: <u>January 16, 2025</u>
	Ready for final payment: <u>February 17, 2025</u>
Net increase of this Change Order:	Net change of this Change Order:
<u>\$25,505.00</u>	<u>0 Days</u>

CHANGE ORDER
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Contract Price with all approved Change Orders:

\$17,224,605.90

Contract Time with all approved Change Orders:

Substantial Completion: January 16, 2025

Ready for final payment: February 17, 2025

RECOMMENDED

By: Colin McCorkle
Engineer

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

Date: August 8, 2023

APPROVED

By: Peter C. Elzinga
Contractor

Peter C. Elzinga, PE, Project Manager
Name and Title of Signatory

Date: August 9, 2023

APPROVED

By: _____
Owner

Name and Title of Signatory

Date: _____

END OF CHANGE ORDER

BULLETIN
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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
DRAWING REVISION NO.:	B4
ISSUED HEREWITH:	
SPECIFICATION SECTIONS:	N/A
SHEETS:	C301, C401, C502, P003
DISTRIBUTION:	Kurt Ristow – City of Grand Ledge Peter Elzinga – RK Davis, Inc. Rob Kaliniak – RK Davis, Inc. Jodie Ross, PE – Fishbeck John Willemin, PE – Fishbeck
<p>The items below are being considered as possible changes to the Contract Documents for this Project. Contractor is requested to submit changes in cost, if any, for each item and indicate whether it is an addition to or deduction from the Contract Price. Costs are requested as lump sums unless otherwise noted as a unit cost. Include all labor, materials, overhead and profit, trades, subcontractors, and related costs. After reviewing the effects of those changes in the Work, Owner may issue a Change Order specifying which changes are to be incorporated in the Work, if any.</p> <p>This Bulletin is not a Change Order and is not to be deemed authorization to proceed with the changes listed.</p> <p>Additional work or materials, where proposed, shall meet the requirements of the Contract Documents, except where noted.</p> <p>Contractor is responsible for notifying Engineer, in writing, concerning any revision or clarification which causes a change in the Contract Documents, but not specifically mentioned as a cost item in this Bulletin.</p> <p>Return one completed and signed copy of the Bulletin to Engineer on or before the due date noted above.</p> <p>Each proposed change has been described briefly with additional information provided concerning detailed changes required for the major trades concerned. Only one total cost figure has been requested for each item on the Bulletin; however, a complete breakdown is required for each item as supporting documentation. This will allow Owner to more easily evaluate the proposed cost changes. Each Bulletin item is an all-inclusive item and may concern work from several trades or Subcontractors. It is Contractor's responsibility to ensure that all work for each item has been included in the total cost figure provided to Owner.</p>	

ITEM NO. 1: New Outlet Control Structures

Sheet: C301 – Site Grading Plan (reissued)
C401 – Site Utility Plan (reissued)
C502 – Details (reissued)

- A. Revise grading of two detention ponds.
- B. Revise Outlet Control Structure inverts and orifice elevations – new structures to be used.
- C. Revise outlets of Outlet Control Structures and remove drainage outlet swales.
- D. Revise OCS Details on Sheet C502.

ADD/~~DEDUCT~~: \$ 6,411.27

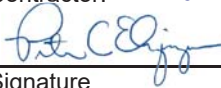
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ITEM NO. 2: Air Valve Sizing
Sheet: P003 – Schedules and Details (reissued)

A. Revise air valve sizing and type on Process Valve Schedule.

ADD/DEDUCT: \$ 19,093.73

Contractor: RK Davis, Inc.



Signature

Peter C. Elzinga, P.E., Project Manager

Name and Title of Signatory

06/26/2023

Date

END OF BULLETIN



Equal Opportunity Employer

E.T. MacKenzie Company - Grand Ledge

One of The MacKenzie Companies

4248 West Saginaw Highway

Grand Ledge, MI 48837

Phone: (517) 627.8408 Fax: (517) 627.4470

www.mackenzieco.com



To: RK Davis	Contact: Rob Kaliniak
Address: 4457 40th St. SE Kentwood, MI 49512	Phone: 616-456-0059 Fax: 616-456-0383
Project Name: IRP - Bulletin #4	Bid Number:
Project Location:	Bid Date:

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
1	OCS#1 60" DIA	1.00	EACH	\$2,798.83	\$2,798.83
2	OCS#2 60" DIA	1.00	EACH	\$2,391.76	\$2,391.76
3	Trucking/Freight*	1.00	LS	\$840.00	\$840.00

*includes disposal of previously purchased structures

Total Bid Price: \$6,030.59

<p>ACCEPTED: The above prices, specifications and conditions are satisfactory and hereby accepted.</p> <p>Buyer: _____</p> <p>Signature: _____</p> <p>Date of Acceptance: _____</p>	<p>CONFIRMED: E. T. MacKenzie Company</p> <p>Authorized Signature: _____</p> <p>Estimator: _____</p>
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