

CHANGE ORDER NO. 2

CHANGE ORDER
DATE OF ISSUANCE September 25, 2023

COMMENCEMENT OF
CONTRACT TIME June 6, 2023

OWNER City of Marquette

CONTRACTOR Miron Construction Co. Inc.

PROJECT MAWTF Biosolids Improvements Project CONTRACT NO. 13823

ENGINEER Donohue & Associates, Inc.

REASON FOR CHANGE ORDER:

The contract documents require subgrade excavation at Buildings 200 and 960 to the rigid inclusions load transfer pad for installation of the rigid inclusions system. The top of the rigid inclusions system is located at elevation 608.00 under the building footings and located at elevation 611.33 under the remainder of the building footprints.

During initial excavation of building 960 large quantities of organic material and reinforced concrete foundation were discovered. Request for Information 6 on 7/17/23 documented a portion of the materials. Request for Information 10 on 7/24/23 documented the extent of the materials.

During initial excavation of building 200, reinforced concrete foundation was discovered.

Issue #1: Organics found during excavation of building 960 were at approximately elevation 606 up to the new load transfer platform elevation. Organics were not identified in the soil borings at these elevations. These organics needed to be removed to provide a stable load transfer platform for installation of the rigid inclusions system.

Issue #2: The reinforced concrete found under building 960 during excavation was not identified in the soil borings and needs to be removed to install the rigid inclusions system.

Issue #3: The reinforced concrete found under building 200 during excavation was not identified in the soil borings and needs to be removed to install the rigid inclusions system.

The purpose of the change order is to over-excavate and remove the organic material and reinforced concrete foundation under buildings 200 and 960 as required to provide the rigid inclusions foundation. The removed material will be replaced with compacted structural backfill.

The work in this change order was authorized under Work Change Directive No. 2 to allow the work to proceed promptly and maintain construction schedule.

YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES IN THE CONTRACT DOCUMENTS:

Over-excavation of materials under Buildings 200 and 960 shall be completed to remove any reinforced concrete foundation and building materials that will not allow for installation of the rigid inclusions. Over-excavation of materials under building 960 shall be complete to remove any organics as needed to provide a stable working platform for installation of the rigid inclusions. Excavation shall be completed in accordance with Section 31 23 16 Excavation. Provide compacted structural backfill to replace excavated materials in accordance with Section 31 23 23 Fill and Backfill. Work shall be completed in accordance with the existing Contract Documents.

ATTACHMENTS:

1. Miron PCI0004
2. Request for Information 6
3. Request for Information 10

CHANGE IN CONTRACT PRICE
Original Contract Price:
\$ 12,758,324.00
Net increase from previous Change Orders:
\$ 12,703.64
Net increase of this Change Order:
\$ 129,334.13
Revised Contract Price:
\$ 12,900,361.77

CHANGE IN CONTRACT TIMES
Original Contract Times: <i>(days or dates)</i>
Substantial Completion: January 26, 2025
Ready for Final Payment: March 27, 2025
Net increase (decrease) from previous Change Orders: <i>(days)</i>
Substantial Completion: 0
Ready for Final Payment: 0
Net increase (decrease) of this Change Order: <i>(days)</i>
Substantial Completion: 0
Ready for Final Payment: 0
Revised Contract Times: <i>(days or dates)</i>
Substantial Completion: January 26, 2025
Ready for Final Payment: March 27, 2025

CONTRACTOR agrees that this Change Order includes any and all costs associated with or resulting from the change ordered herein, including all impacts, delays, and accelerated costs. Other than the dollar amount and time allowance listed above, there shall be no other dollar or time compensation as a result of this Change Order.

THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CONTRACT AND ALL
STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL APPLY HERETO.

RECOMMENDED:

By: Allen Williams

ENGINEER *(signature)*

Allen Williams

ENGINEER *(printed name)*

Date: 9/14/2023

APPROVED:

By: _____

OWNER *(signature)*

OWNER *(printed name)*

Date: _____

ACCEPTED:

By: _____

CONTRACTOR *(signature)*

CONTRACTOR *(printed name)*

Date: _____



Change Order Request

Date: 08/31/2023

To: Mark O'Neill
City of Marquette
300 W Baraga Ave
Marquette, MI 49855

Re: Marquette WWTF - Biosolids Improvements
Marquette, MI 49855
Project: 230590

Reference Document: PCI0004

Change Description: Work Change Directive #2 - Building 960 Overexcavation due to unsuitable material discovered.

Contractor	Description	Amount
MJ VanDamme Trucking Inc	EARTHWORK - EXCAVATION	\$121,955.80
* SUB-TOTAL *		\$121,955.80
Management Fee - Subcontractor		\$6,097.79
* SUB-TOTAL *		\$128,053.59
Bond		\$1,280.54
** TOTAL **		\$129,334.13

Impacted Calendar Days: 0

All terms of our agreement apply and preclude Miron Construction Co., Inc. from performing any extra work without approval. Please provide your approval by signing this request.

Luke Oberdorfer
Miron Construction Co., Inc.

Date:

Owner Representative
City of Marquette

Date:

This quote expires on: 09/06/2023



Miron Construction Co., Inc.
1471 McMahon Dr
Neenah, Wisconsin 54956-6305
P: (920) 969-7000
F: (920) 969-7393

**Project: 230590 Marquette WWTF - Biosolids
Improvements**
1930 US Highway 41
Marquette, Michigan 49855

RFI #6: Buried Material Within 200/ 960 Foundations

Status	Closed on 07/25/23		
To	Allen Williams (Donohue & Associates) Morgan Zeinert (Miron Construction Co Inc) (Response Required)	From	Chad Sauter (Miron Construction Co Inc) 1471 McMahon Road Neenah, Wisconsin 54956-6305
Date Initiated	Jul 13, 2023	Due Date	Jul 16, 2023
Location	Project>Site	Project Stage	Course of Construction
Cost Impact	Yes (Unknown)	Schedule Impact	TBD
Spec Section	Cost Code		
Drawing Number	Reference		
Linked Drawings			
Received From	Chad Sauter (Miron Construction Co Inc)		
Copies To	Mark O'Neill (City of Marquette), Isaac Roberts (GEI Consultants), Chad Sauter (Miron Construction Co Inc), Allen Williams (Donohue & Associates)		

ADDITIONAL FIELDS

AE/Owner Form No

Activity

Question	<p>Question from Chad Sauter Miron Construction Co Inc on Wednesday, Jul 12, 2023 at 04:21 PM CDT</p> <p>Large quantities of buried foundation concrete and asphalt were encountered while excavating the sub cut for the 960 building foundation. It appeared to be in one localized area (NorthWest corner). This material will likely cause artificial refusal and impede installation of the Rigid Inclusions. Is it acceptable to over-excavate and replace with granular fill ahead of RI installation? Please advise. Material was witnessed and documented by GEI on 7/11/2023.</p>
Official Response	<p>Response from Morgan Zeinert Miron Construction Co Inc on Tuesday, Jul 25, 2023 at 02:47 PM CDT</p> <p>Please see response from engineer.</p> <p>Attachments RFI 000006 - Answered.pdf</p>
All Replies	<p>Response from Morgan Zeinert Miron Construction Co Inc on Tuesday, Jul 25, 2023 at 02:47 PM CDT</p> <p>Please see response from engineer.</p> <p>Attachments RFI 000006 - Answered.pdf</p>

REQUEST FOR INFORMATION

Request No. 6

Date: 07/17/2023

Contractor: Miron

Specification Section / Drawing No.:
Buried Material Within 200/ 960 Foundations

Project: Marquette Area Wastewater Treatment Facility
Biosolids Improvements Project

Contract: 13823

Question

Large quantities of buried foundation concrete and asphalt were encountered while excavating the sub cut for the 960 building foundation. It appeared to be in one localized area (NorthWest corner). This material will likely cause artificial refusal and impede installation of the Rigid Inclusions. Is it acceptable to over-excavate and replace with granular fill ahead of RI installation? Please advise. Material was witnessed and documented by GEI on 7/11/2023.

Prepared By: Miron Construction

Date Response Needed: 07/31/2023

Verify required subgrade preparation with RI designer.

Prepared By: KAG

Date: 07-24-23

Response Returned to Contractor On:

cc: Owner:_____

Resident Project Representative:_____



Miron Construction Co., Inc.
1471 McMahon Dr
Neenah, Wisconsin 54956-6305
P: (920) 969-7000
F: (920) 969-7393

**Project: 230590 Marquette WWTF - Biosolids
Improvements**
1930 US Highway 41
Marquette, Michigan 49855

RFI #10: Over excavation of Unsuitable Material at 960

Status	Closed on 07/25/23		
To	Allen Williams (Donohue & Associates) Morgan Zeinert (Miron Construction Co Inc) (Response Required)	From	Luke Oberdorfer (Miron Construction Co Inc) 1175 Lombardi Ave., Suite 300 Green Bay, Wisconsin 54304
Date Initiated	Jul 21, 2023	Due Date	Jul 24, 2023
Location		Project Stage	Course of Construction
Cost Impact	Yes (Unknown)	Schedule Impact	TBD
Spec Section		Cost Code	
Drawing Number		Reference	
Linked Drawings			
Received From	Luke Oberdorfer (Miron Construction Co Inc)		
Copies To	Nathan Hallsten (Subsurface Constructors Inc), Isaac Roberts (GEI Consultants), Pete Ryynanen (MJ VanDamme Trucking Inc), Chad Sauter (Miron Construction Co Inc), Allen Williams (Donohue & Associates)		

ADDITIONAL FIELDS

AE/Owner Form No

Activity

Question

Question from Luke Oberdorfer Miron Construction Co Inc on Friday, Jul 21, 2023 at 12:48 PM CDT

On 7/20/23 while digging to the appropriate elevation associated with the new building 960 structure, there was an area witnessed with organic material at approximately 611.00'. We made the sub cut down to 608.00' successfully removing the majority of the organic material, but then ran into buried broken up foundation (concrete 5"-8" with rebar). In discussions with the rigid inclusion contractor, this material would cause false refusal, and the drill will not be able to penetrate.

Upon discovery, a meeting was held on 7/20/23 with the owner, Donahue, GEI, Subsurface Constructors, and MJ Vandamme. Subsurface had indicated that the material would need to be removed in order to perform their operations. Concluding the meeting, the direction was recommended for the contractor to mark the perimeter extents of the area affected and remove unsuitable soils and debris so as to be replaced with structural back-fill compacted in lifts. GEI and Coleman to be onsite to witness the operation. Please advise if acceptable to perform this work on a T&M basis to maintain project schedule.

Please reference attached PDF and pictures.

Attachments

[Marquette WWTF - 960 Unsuitable Soil Area 7-20-23.pdf](#), [DE84EDA0-EE18-443F-97E0-B078E6D4456E.JPG](#), [2000000000040164.JPG](#), [515910DF-EE74-4A77-8CEE-FFCDB018F18F.JPG](#), [39E72171-9906-4405-A9C1-19118F6A7F31.JPG](#)

Official Response

Response from Morgan Zeinert Miron Construction Co Inc on Tuesday, Jul 25, 2023 at 02:43 PM CDT

Please see response from engineer.

Attachments

[RFI 000010 - Answered.pdf](#)

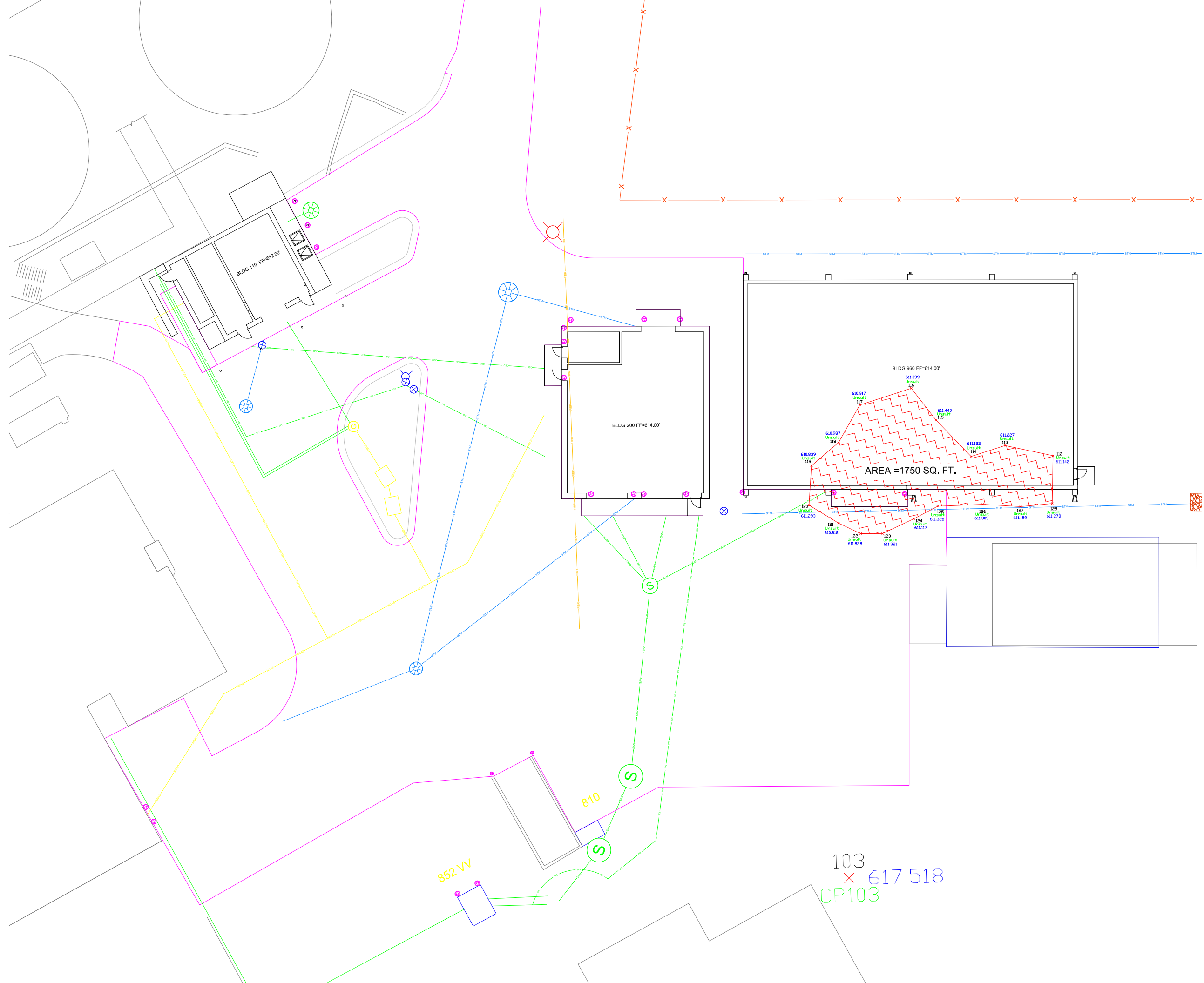
All Replies

Response from Morgan Zeinert Miron Construction Co Inc on Tuesday, Jul 25, 2023 at 02:43 PM CDT

Please see response from engineer.

Attachments

[RFI 000010 - Answered.pdf](#)



REQUEST FOR INFORMATION

Request No. 10

Date: 07/24/2023

Contractor: Miron

Specification Section / Drawing No.:
Over excavation of Unsuitable Material at 960

Project: Marquette Area Wastewater Treatment Facility
Biosolids Improvements Project

Contract: 13823

Question

On 7/20/23 while digging to the appropriate elevation associated with the new building 960 structure, there was an area witnessed with organic material at approximately 611.00'. We made the sub cut down to 608.00' successfully removing the majority of the organic material, but then ran into buried broken up foundation (concrete 5"-8" with rebar). In discussions with the rigid inclusion contractor, this material would cause false refusal, and the drill will not be able to penetrate.

Upon discovery, a meeting was held on 7/20/23 with the owner, Donahue, GEI, Subsurface Constructors, and MJ Vandamme. Subsurface had indicated that the material would need to be removed in order to perform their operations. Concluding the meeting, the direction was recommended for the contractor to mark the perimeter extents of the area affected and remove unsuitable soils and debris so as to be replaced with structural back-fill compacted in lifts. GEI and Coleman to be onsite to witness the operation. Please advise if acceptable to perform this work on a T&M basis to maintain project schedule.

Please reference attached PDF and pictures.

Prepared By: Miron Construction

Date Response Needed: 08/07/2023

Verify required subgrade preparation with RI designer. Provide a proposed T&M basis with a not to exceed value for review by Donohue.

Prepared By: KAG/ATW

Date: 07-24-23

Response Returned to Contractor On:

cc: Owner: _____

Resident Project Representative: _____

