



ERIE COUNTY WATER AUTHORITY
INTEROFFICE MEMORANDUM
November DD, 2024

To: Terrence D. McCracken, Secretary to the Authority

From: Michael Quinn, PE, Senior Distribution Engineer

A handwritten signature in black ink, appearing to read "MQ", is written over the name "Michael Quinn" in the "From:" line.

Subject: Contract GHD-008
Residuals Handling Upgrades, Van de Water Water Treatment Plant
Change Order No. 1: Additional Cost for Front Apron Replacement
ECWA Project No. 201900208

Attached is Change Order No. 1 pertaining to the above-referenced contract. The change order pertains to a change in the contract price associated with additional work required to address unforeseen site conditions.

On August 5, 2021, the Erie County Water Authority entered into a contract with Hohl Industrial Services, Inc. (Hohl) for the construction of upgrades to residual handling system at Van de Water Water Treatment Plant. In part the project included the removal of the front apron brick pavers and underlying concrete slab. During removal of the apron, two changed site conditions were identified resulting in additional demolition efforts as well as the employment of different demolition methods. Unbeknownst to the contractor at the time of the bid, during removal of the concrete slab, a more robust structural foundation was identified. After investigation, it was determined that a portion of this foundation could be removed using a different demolition method and resulting in a greater quantity of concrete removal as well as the need for additional structural fill. In addition, during removal of the concrete pavers in the area adjacent to the building, a layer of asbestos waterproofing material was identified which required abatement. Following removal of the existing waterproofing and prior to replacement of the pavers, a new layer of waterproofing is required.

Due to the unknown extent of the additional work, Hohl was asked to provide a time and materials cost estimate for the work. This Change Order will compensate Hohl up to \$450,000.00 for the additional work with the Consultant (GHD Consulting Services Inc.) and ECWA Engineering Department staff verifying all costs. After a review of the cost estimate, the Engineering Department staff feel that the additional cost is reasonable. Funds for this change order are available as follows:

- Unit 2515 – Engineering/Construction Van de Water
- Item 101537 – GHD-008 Van de Water Residuals Handling Upgrades

MJQ:jmf

Attachments

cc: L.Kowalski, PE

CONT-GHD-008-1901-X-14

ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Documents
(check which apply)

Contract: GHD-008

Project No.: 201900208

Project Description: Residuals Handling Upgrades, Van de Water Water Treatment Plant

Item Description:



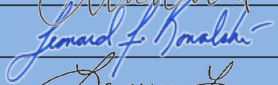




- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Agreement | <input type="checkbox"/> Professional Service Contract | <input type="checkbox"/> Amendment | <input checked="" type="checkbox"/> Change Order |
| <input type="checkbox"/> BCD | <input type="checkbox"/> NYSDOT Agreement | <input type="checkbox"/> Contract Documents | <input type="checkbox"/> Addendum |
| <input type="checkbox"/> Recommendation for Award of Contract | <input type="checkbox"/> Recommendation to Reject Bids | | |
| <input type="checkbox"/> Request for Proposals | | | |
| <input type="checkbox"/> Other _____ | | | |

Action Requested:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Board Authorization to Execute | <input checked="" type="checkbox"/> Legal Approval |
| <input type="checkbox"/> Board Authorization to Award | <input checked="" type="checkbox"/> Execution by the Chairman |
| <input type="checkbox"/> Board Authorization to Advertise for Bids | <input type="checkbox"/> Execution by the Secretary to the Authority |
| <input type="checkbox"/> Board Authorization to Solicit Request for Proposals | |
| <input type="checkbox"/> Other _____ | |

Approvals Needed:

APPROVED AS TO CONTENT:

- | | | |
|--|--|-------------------------|
| <input checked="" type="checkbox"/> Sr Distribution Engineer |  | Date: <u>11/8/2024</u> |
| <input checked="" type="checkbox"/> Chief Operating Officer |  | Date: <u>11/08/2024</u> |
| <input checked="" type="checkbox"/> Executive Engineer |  | Date: <u>11/8/2024</u> |
| <input checked="" type="checkbox"/> Director of Administration |  | Date: <u>11/08/2024</u> |
| <input checked="" type="checkbox"/> Risk Manager |  | Date: <u>11/8/2024</u> |
| <input checked="" type="checkbox"/> Chief Financial Officer |  | Date: <u>11/12/2024</u> |
| <input checked="" type="checkbox"/> Legal |  | Date: <u>11/08/2024</u> |

APPROVED FOR BOARD RESOLUTION:

- | | | |
|--|--|-------------------------|
| <input checked="" type="checkbox"/> Secretary to the Authority |  | Date: <u>11/12/2024</u> |
|--|--|-------------------------|

Remarks: Change Order #1

Resolution Date: _____

Item No: _____

CHANGE ORDER No.: 1

Owner: Erie County Water Authority Owner's Project No.: 201900208
Engineer: GHD Services Engineer's Project No.:
Contractor: Hohl Industrial Services Contractor's Project No.:
Project: Residuals Handling Upgrades, Van de Water Water Treatment Plant
Contract Name: **GHD-008**
Date Issued: November 8, 2024 Effective Date of Change Order: November 21, 2024

The Contract is modified as follows upon execution of this Change Order:

Description:

This Change Order accounts for additional construction costs associated with the replacement of the front apron work at the treatment plant. The original design contemplated removal of the existing concrete apron and associated brick pavers which had deteriorated due to age. During removal of the concrete, it was determined that there was a more robust structural concrete foundation system below the apron resulting in a change in the amount of concrete to be removed and a change in the method of concrete removal and replacement with suitable fill material. In addition, during removal of the existing brick pavers near the building, a layer of asbestos waterproofing was identified requiring abatement. Due to the unknown nature these items at the time of the bid, additional compensation is requested. Due to the unknown amount of additional demolition and the associated time for removal as well as the undetermined method and extent of asbestos abatement required, all additional work will be paid on a time and material basis based upon a quote provided by the contractor after significant discussions with Authority Engineering Department staff.

- **Change Order No. 1:** Increase of \$450,000.00 to Bid Item No. 4 Contingency Allowance for Miscellaneous Repair Work.

Attachments:

- Quotation for additional cost provided by Hohl Industrial Services

Change in Contract Times
[State Contract Times as either a specific date or a number of days]

Change in Contract Price	
Original Contract Price: \$ <u>7,595,300.00</u>	Original Contract Times: Substantial Completion: _____ Ready for final payment: _____
[Increase] [Decrease] from previously approved Change Orders No. 1 to No. [Number of previous Change Order] : \$ <u>0</u>	[Increase] [Decrease] from previously approved Change Orders No.1 to No. [Number of previous Change Order] : Substantial Completion: _____ Ready for final payment: _____
Contract Price prior to this Change Order: \$ <u>7,595,300.00</u>	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for final payment: _____
[Increase] [Decrease] this Change Order: \$ <u>450,000.00</u>	[Increase] [Decrease] this Change Order: Substantial Completion: _____ Ready for final payment: _____
Contract Price incorporating this Change Order: \$ <u>8,045,300.00</u>	Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for final payment: _____

Recommended by Engineer (if required)

By: *Louise F. Kovalchik*
 Title: Executive Engineer
 Date: 11/8/2024

Accepted by Contractor

[Signature]
Vice President Operations - Hohl Industrial
11-8-2024

Authorized by Owner

By: _____
 Title: _____
 Date: _____

Approved by Funding Agency (if applicable)

By: _____
 Title: _____
 Date: _____