



ERIE COUNTY WATER AUTHORITY
INTEROFFICE MEMORANDUM

July 24, 2018

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Senior Distribution Engineer *LFK*

Subject: Contract OBG-012-A
Sturgeon Point and Van de Water Improvement Project
ECWA Project No. 201500169

Attached is Change Order request No. 2 for the above referenced project. This Change Order was developed to provide the Contractor, H&K Services, Inc. with an additional 97 days for Substantial Completion and an additional 133 days for Final Completion of the project. Delays in the project were caused by additional work items being requested by the Authority and shutdown delays that were caused by the repair work on the 42" transmission main near the High Service Pump Station at Sturgeon Point Water Treatment Plant.

A total contract increase of \$130,400.00 is being requested and the budget line has adequate funding to cover the additional costs. This was necessitated by multiple construction modifications that were implemented under Bid Item 8 (Miscellaneous Improvement Allowance) and Bid Item 11 (Control System Integration Allowance). The additional work that was provided is included in the Modification Log that is attached to the change order.

The following documents are attached:

- Blue Authorization Form - this form provides the project name and project number, the action that is being requested of the Board, and it provides a list of approvals that are required prior to being acted on by the Board.
- Four (4) original Change Order requests for execution by Chairman.

LFK:jmf
Attachments
cc: R.Stoll
CONT-OBG-012-A-1501-I-186-B

CHANGE ORDER NO. 2

**Erie County Water Authority
350 Ellicott Square Building
295 Main Street
Buffalo, New York 14203**

Contract No. Project No. 201500169 Date: July 19, 2018

Project: Contract OBG-12A
 Sturgeon Point and Van de Water
 Improvements Project

Contractor: H&K Services, Inc.
 12025 Leon Road
 Leon, NY 14751

Engineer: O'Brien and Gere Engineers, Inc.
 400 Andrews Street, Harro East Building, Suite 710
 Rochester, NY 14604

DESCRIPTION OF CHANGE:

1. Delete the following under Section 00500 Agreement, Article 3 – Contract Times, 3.02 Days to Achieve Substantial Completion and Final Payment:

"A. The Work shall be substantially completed by February 23, 2018 as provided in Paragraph 2.03 of the General Conditions, and completed and ready for final payment by April 20, 2018, in accordance with paragraph 14.07 of the General Conditions.

2. Insert the following under Section 00500 Agreement, Article 3 – Contract Times, 3.02 Days to Achieve Substantial Completion and Final Payment:

"A. The Work shall be substantially completed by June 1, 2018 as provided in Paragraph 2.03 of the General Conditions, and completed and ready for final payment by August 31, 2018, in accordance with paragraph 14.07 of the General Conditions.

3. Delete the following under Section 01 21 00, Allowances, Article 3.1.

3.1 SCHEDULE OF ALLOWANCES

Contract Bid /Payment Item No.	Allowance Name	Include Contingency Allowance Amount Of
Item 8	Contingency Allowance – Miscellaneous Improvements Allowance	\$600,000

Item 9	Cash Allowance – Security Allowance	\$0
Item 11	Cash Allowance – Control System Integration Allowance	\$125,000
Item 12	Cash Allowance – Potassium Permanganate Pump Allowance	\$30,000

4. Insert the following under Section 01 21 00, Allowances, Article 3.1.

3.1 SCHEDULE OF ALLOWANCES

Contract Bid /Payment Item No.	Allowance Name	Include Contingency Allowance Amount Of
Item 8	Contingency Allowance – Miscellaneous Improvements Allowance	\$691,194.80*
Item 9	Cash Allowance – Security Allowance	\$0
Item 11	Cash Allowance – Control System Integration Allowance	\$176,844.80
Item 12	Cash Allowance – Potassium Permanganate Pump Allowance	\$17,360.40

* See attached Modification Log for Work performed under this Item.

REASON FOR CHANGE:

1. The existing Substantial Completion and Final Completion dates are being deleted as new dates are being established.
2. New Substantial Completion and Final Completion dates are being established for the Contract. The completion schedule was delayed due to multiple construction modifications that were implemented as part of this project under Bid Item 8, Miscellaneous Improvement Allowance, and Bid Item 11, Control System Integration Allowance. Numerous shutdowns were also delayed due to repair work being performed on the 42-inch transmission main near the High Service Pumping Station.
3. The existing Miscellaneous Improvements Allowance and Control System Integration Allowance are being changed to provide additional funding for construction modifications.
4. During construction, several modifications to the original scope of work were included in the Contract to address areas of concern identified by the Owner. These

modifications included reliability improvements to the caustic system and plant water system at the Sturgeon Point WTP along with overall facility improvements that were not included in the original scope of work, as Bid.

CHANGE IN CONTRACT PRICE:

1. Not Applicable
2. Not Applicable
3. Not Applicable
4. Allowance Increase: \$130,400.00

CHANGE IN CONTRACT TIME:

1. Not Applicable
2. Addition of 97 days to the Substantial Completion Date and an addition of 133 days to the Final Completion Date of the Project.
3. Not Applicable
4. Not Applicable

APPROVALS - CHANGE ORDER NO. 2

Erie County Water Authority: _____ Date: _____
Chairman

Contractor: _____ Date: _____
H&K Services, Inc.

Engineer: _____ Date: _____
O'Brien and Gere Engineers, Inc.

SUMMARY

CHANGE IN CONTRACT PRICE:

Original Contract Price:
\$ 2,957,800.00

**Net Increase of this
Change Order:**
\$130,400.00

Contract Price with All Approved Change Orders:
\$ 3,363,200.00

CHANGE IN CONTRACT TIME:

Original Contract Time:
Notice to Proceed: Jan. 12, 2017
Substantial Completion: Oct. 19, 2017
Final Completion: Nov. 16, 2017

Net Increase of this Change Order:
Substantial Completion: 97 days
Final Completion: 133 days

Contract Times with all Approved Change Orders:
Substantial Completion: June 1, 2018
Final Completion: August 31, 2018