



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

September 11, 2018

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Senior Distribution Engineer

A handwritten signature in black ink, appearing to read "LFK", is written over the "From:" line.

Subject: Contract W-023
Storage Tank Refurbishing
Change Order No. 3
ECWA Project No. 201500177

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 to be executed by Chairman.

During the contractors performance of the W-23 contract unforeseen conditions arose that led to the Authority requesting additional work. The attached change order was put together to compensate the contractor for the additional work. Listed below are explanations for the additional work that was requested.

Under Item 7 – Pleasantview Tank: Miscellaneous Modifications, there was electrical work included in the original scope of work. During the project, the Consultant brought to ECWA's attention a safety hazard related to buried electrical conductors. Since this was an unforeseen condition and a safety hazard, the contractor was directed to replace the conduit and conductors to eliminate the hazard.

The interior of the Van DeWater Sludge Tank was painted Under Item 1.2 – Interior Wet Painting. After the interior of the tank was repainted, the existing tank mixer was found to be inoperable and it had been repaired numerous times in the past. The Authority decided to have a new mixer installed under a different contract. Due to the nature of installing the new mixer, the interior coating was damaged. Since Amstar had performed the recent interior coating work, they were directed to repair the damaged areas in the tank so that all the interior coating work was performed by the same contractor and it would keep the warranty in force.

LFK:jmf

Attachments

cc: R.Stoll

CONT-W-023-1501-I-186

CHANGE ORDER NO. 3

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

Contract No.: W-23 Project No.: 201500177 Date: September 11, 2018
Project: Storage Tank Refurbishing
Contractor: Amstar of Western NY, Inc. Engineer: Wendel
825 Rein Road 375 Essjay Road, Suite 200
Cheektowaga, NY 14225 Williamsville, New York 14221

DESCRIPTION OF CHANGE:

1. Amstar performed additional work within the Pleasant View valve vault pertaining to the electrical system (conduit, wire, light fixtures, etc.) associated with the power panel and valve vault. This work is in addition to the work included within Change Order No. 2.
2. Amstar performed additional work associated with the Van de Water Sludge Tank to repair coating damaged by the installation of a tank jet mixing system.
3. A 362-day time extension to the Pleasant View Tank Milestone date and Substantial Completion date.
4. A 331-day time extension for Final Completion.

REASON FOR CHANGE:

1. Due to unforeseen conditions (buried electrical), safety concerns, and moisture within the Pleasant View valve vault, Amstar was directed to perform additional electrical work related to the valve vault electrical system. The work included the installation of replacement electrical conduit and wire, additional conduit and wire within the vault, and a new light fixture.
2. A new jet mixer system was installed in the Van de Water Sludge Tank, by ECWA as part of a separate Contract, to replace the existing non-functioning propeller mixer. After the tank interior coating was complete, the old mixer was installed and found to be inoperable. A replacement tank mixing system was installed, which required repair of the previously applied coatings. The mixing system is required to keep particulate in suspension within the tank.
3. A 362-day time extension is proposed under this change order to allow the contractor to perform the additional work associated with the Pleasant View Tank valve vault.
4. A 331-day time extension is proposed under this change order to allow the contractor to perform site restoration at the Pleasant View Tank site in the spring of 2018.

COMPENSATION:

1. The cost of the work is \$4,600.00. There is no change to the original contract price. Refer to the attached table for a breakdown of costs associated with Contract W-23. Some bid items were not used within this Contract and the available monies from these unused items are applied to this item.
2. The cost of the additional coating work is \$45,000. Refer to the attached table for a breakdown of costs associated with Contract W-23. Some bid items were not used within this Contract and the available monies from these unused items are applied to this item. The additional work will be a lump sum extra of \$39,169.25.

APPROVALS:

OWNER: _____ Date: _____
Erie County Water Authority

CONTRACTOR: _____ Date: _____
Amstar of Western NY, Inc.

ENGINEER: _____ Date: _____
Wendel

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$ 1,087,000.00

Net changes from previous Change Orders:

\$ 0.00

Contract Price prior to this Change Order:

\$ 1,087,000.00

Net Increase/Decrease of this Change Order:

\$ 39,169.25

Contract Price with all approved Change Orders:

\$ 1,126,169.25

CHANGE IN CONTRACT TIMES:

Original Contract Times:

Pleasant View Tank Milestone:
All Work May 26, 2017

Substantial Completion:
All Work May 26, 2017

Final Completion:
All Work June 26, 2017

Net Changes from previous Change Orders:

250 days / 310 days

Contract Times prior to this Change Order:

Pleasant View Tank Milestone:
All Work January 31, 2018

Substantial Completion:
All Work January 31, 2018

Final Completion:
All Work May 2, 2018

Net Increase/Decrease of this Change Order:

Pleasant View Tank Milestone:
All Work 362 days

Substantial Completion:
All Work 362 days

Final Completion:
All Work 331 days

Contract Times with all approved Change Orders:

Pleasant View Tank Milestone:
All Work May 23, 2018

Substantial Completion:
All Work May 23, 2018

Final Completion:
All Work May 23, 2018

ECWA Contract W-23**- Contract Amounts and Change Orders****Contract Items Not Used - Credits**

Item	Description of Work Not Performed/Required - Credits	Contract Amount
Veterans Park Tank		
4.viii	Repair and Coat 300' of Cracks, Interior Walls and Finish	\$3,000.00
10.1	Contingency Allowance for Reparis	\$5,000.00
Van de Water Sludge Tank		
9	Roof Repair/Steel Reinforcement	\$180,000.00
10.2	Contingency Allowance for Reparis	\$7,500.00
11.1	Epoxy Seam Sealing and Pit Filling	\$1,500.00
Pleasant View Tank		
10.3	Contingency Allowance for Reparis	\$6,500.00
11.2	Epoxy Seam Sealing and Pit Filling	\$1,500.00
Total		\$205,000.00

Change Orders (COs)

Item	Description of Change Orders	Amount
CO #1	Van de Water Sludge Tank - Roof Weld Repairs	\$100,000.00
CO #2	Veterans Park Tank - Floor Crack Repair	\$75,285.00
CO #2	Veterans Park Tank - Geotech. Investigation	\$12,484.25
CO #2	Pleasant View Tank - Valve Vault Repairs	\$6,800.00
CO #3	Pleasant View Tank - Valve Vault Repairs	\$4,600.00
CO #3	Van de Water Sludge Tank - Jet Mixing System Re-coating	\$45,000.00
Total		\$244,169.25

Change Order No. 3 - Contract Increase Amount	\$39,169.25
--	--------------------