

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

Contract: 18-19-07 **Project No.:** 201600238

Project Description: Ball Pump Station Electrical Substation.

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 type="checkbox"/>	_____	Date: _____
<input checked="" type="checkbox"/> Chief Operating Officer	<i>Kippsey J. Fitts</i>	Date: <u>5/28/2020</u>
<input checked="" type="checkbox"/> Executive Engineer	<i>Leonard F. Donaldson</i>	Date: <u>5/27/2020</u>
<input checked="" type="checkbox"/> Director of Administration	<i>Laronya Lupton</i>	Date: <u>5/28/2020</u>
<input checked="" type="checkbox"/> Risk Manager	<i>Molly Q. Musarra</i>	Date: <u>05/28/2020</u>
<input checked="" type="checkbox"/> Chief Financial Officer	<i>Karen A. Pendugast</i>	Date: <u>05/27/2020</u>
<input checked="" type="checkbox"/> Legal	<i>Margaret A. Murphy</i>	Date: <u>05/27/2020</u>

APPROVED FOR BOARD RESOLUTION:

<input checked="" type="checkbox"/> Secretary to the Authority	<i>[Signature]</i>	Date: <u>05/27/2020</u>
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Remarks: Change Order #4

Resolution Date: _____

Item No: _____



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

May 27, 2020

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Executive Engineer

A handwritten signature in blue ink, appearing to be "LFK", is written over the name Leonard F. Kowalski.

Subject: Contract NC-035
Ball Pump Station Electrical Substation
ECWA Project No. 201600238

Attached is a Change Order No. 4 request for the above referenced project. This Change Order is necessary to reconcile the Contingency Allowance Fees and extend the time for Final Completion:

The change order is necessary to allow for:

1. The adjustment of Bid Item 3 – Miscellaneous Contingency Allowance and Bid Item 4 – SCADA Contingency Allowance, for which there are unused funds. This adjustment will decrease the overall contract amount by \$86,555.81.
2. The Final Completion time extension by 99 days is necessary due to the engineering study which was performed to address concerns for heavy equipment travel over the existing underground water and electrical facilities during the removal of the old substation transformers. Additional protective measures were recommended and implemented. Some of the restoration work had to be delayed due to temperature and weather conditions. There is no contract cost increase caused by this change.

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 signed by ECWA Executive Engineer.

LFK:jmf

Attachments

cc: R.Stoll

CONT-NC-035-1601-I-186-B

CHANGE ORDER NO. 4

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

Contract No. 18-19-07 Project No. 201600238 Date: May 22, 2020

Project: Contract NC-35
 Ball Pump Station
 Electrical Substation

Contractor: Ferguson Electric Construction Co., Inc.
 333 Ellicott Street
 Buffalo, NY 14203

Engineer: Nussbaumer & Clarke, Inc.
 3556 Lake Shore Road
 Buffalo, New York 14219

DESCRIPTION OF CHANGE:

1. Reconciliation of Contingency Allowance Fees.
2. Time Extension for Final Completion.

REASON FOR CHANGE:

1. There are unused funds in Bid Item 3 – Miscellaneous Contingency Allowance and Bid Item 4 – SCADA Contingency Allowance.
2. The removal of the old substation transformers caused concerns for truck and crane travel over top of the existing underground water piping and electrical duct banks. An engineering study was performed, and additional protective measures were recommended. Some site restoration is needed that must be delayed until Spring 2020 due to temperature and weather (e.g. seeding).

CHANGE IN CONTRACT PRICE:

1. Decrease of \$86,555.81
2. None

CHANGE IN CONTRACT TIME:

1. Not Applicable
2. Increase 99 days

APPROVALS - CHANGE ORDER NO. 4

Owner: _____ Date: _____
Jerome D. Schad, Esq.
Erie County Water Authority

Contractor: _____ Date: _____
James D. Schneider, President
Ferguson Electric Construction Co., Inc.

Engineer:  _____ Date: 5/22/2020
Karl W Rohde, PE, Corporate Associate
Nussbaumer & Clarke, Inc.

SUMMARY

CHANGE IN CONTRACT PRICE:

Original Contract Price:
\$ 5,094,600.00

**Net changes from previous
Change Orders:**
No. 1 thru No. 3

\$ 73,454.66

**Contract Price prior to this
Change Order:**
\$ 5,168,054.66

**Net Decrease of this
Change Order:**
(\$ 86,555.81)

**Contract Price with All Approved
Change Orders:**
\$ 5,081,498.85

CHANGE IN CONTRACT TIME:

Original Contract Time:
Milestone M1: Aug. 31, 2018
Substantial Completion: May 24, 2019
Final Completion: June 21, 2019

**Net changes from Previous
Change Orders:**
No. 1 thru No. 3

Milestone M1: 259 days
Substantial Completion: 217 days
Final Completion: 245 days

**Contract Times prior to this
Change Order:**
Milestone M1: May 17, 2019
Substantial Completion: Dec. 27, 2019
Final Completion: Feb. 21, 2020

**Net Increase of this
Change Order:**
Milestone M1: 0 days
Substantial Completion: 0 days
Final Completion: 99 days

**Contract Times with all Approved
Change Orders:**
Milestone M1: May 17, 2019
Substantial Completion: Dec. 27, 2019
Final Completion: May 30, 2020

Miscellaneous Contingency Allowance - \$250,000					Payment Applications															Total	Percent
Description	Amount	Payment	ECWA Authorization	Status	No. 1	No. 8	No.9	No.10	No.11	No.12	No.13	No.14	No.15	No.16	No.17	No.18	No.19	No.20			
Soil and concrete testing	\$ 8,594.65	LS	8-28-18 email	Approved. \$9,935 NTE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,594.65	100%
Access drive pipe loading	\$ 8,230.00	LS	9-18-18 email for \$4,500	12-6-18 email to LK - \$8,230	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,230.00	100%
PT field investigation	\$ 1,462.00	LS	10-2-18 email	Approved	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,462.00	100%
Duct bank reinforcing	\$ 5,391.75	LS	11-1-18 email	Approved	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,391.75	100%
Transformer T2-B orientation	\$ 27,125.05	LS	11-1-18 Progress Meeting	Approved	\$ -	\$ 6,781.26	\$ -	\$ 6,781.26	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,125.05	100%
Transformer T2-B orientation	\$ 111,900.38	T&M		Approved	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,900.38	100%
Flowable fill	\$ (4,243.68)	LS credit	11-29-18 Progress Meeting	Approved (Email to LK 11-21-18)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,243.68)	100%
Conduit rack conflicts	\$ 18,190.77	T&M	11-27-18 email	Approved	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,190.77	100%
Deletion of fence curb	\$ (13,175.66)	LS credit	1-24-19 email	Approved	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (13,175.66)	100%
DC battery relocation	\$ 14,159.79	LS	2-13-19 email	Approved	\$ -	\$ 3,542.53	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,159.79	100%
Joint Seal Credit	\$ (41,993.65)	LS	4-15-19 email	Approved		\$ (39,613.00)	\$ -	\$ -	\$ (2,380.65)	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (41,993.65)	100%
GE DTCB FAT	\$ 3,449.19	LS	5-6-19 Progress Meeting	Approved		\$ 3,449.19	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,449.19	100%
NTC Witness Testing	\$ 2,030.00	LS	5-29-19 Progress Meeting	Approved			\$ 2,030.00	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,030.00	100%
OLTC Conduit Extension	\$ 3,336.35	LS	8-9-19 email	Approved							\$ 3,336.35		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,336.35	100%
Office Trailer Rental Extension	\$ 11,995.20	LS	8-15-19 email	Approved							\$ 5,997.61		\$ 4,798.07	\$ 1,199.52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,995.20	100%
Spare Circuit Breaker Parts	\$ 1,266.20	LS	12-9-19 email	Approved										\$ 1,266.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,266.20	100%
Spare Fuses and Silica (Field Dir 6)	\$ 1,919.40	LS	12-9-19 email	Approved										\$ -	\$ 1,919.40	\$ -	\$ -	\$ -	\$ -	\$ 1,919.40	100%
Additional Switchgear Wiring	\$ 12,361.74	LS	12-9-19 email	Approved										\$ 12,361.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,361.74	100%
McMahon and Mann Study	\$ 12,500.00	T&M	12-17-19 email	Approved										\$ -	\$ -	\$ -	\$ 12,500.00	\$ -	\$ 12,500.00	\$ -	100%
Bin Blocks in lieu of retaining wall	\$ (29,719.93)	LS		Approved										\$ (29,716.93)	\$ (3.00)	\$ -	\$ -	\$ -	\$ -	\$ (29,719.93)	100%
Crane Bridge	\$ 14,597.01	LS	3-4-20 emal	Approved															\$ 14,597.01	\$ 14,597.01	100%
Total	\$ 169,376.56				\$ -	\$ (25,840.02)	\$ 2,030.00	\$ 6,781.26	\$ (2,380.65)	\$ -	\$ 9,333.96	\$ -	\$ 4,798.07	\$ (14,889.47)	\$ 1,916.40	\$ -	\$ 12,500.00	\$14,597.01	\$ 169,376.56	100%	

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SCADA Contingency Allowance - \$50,000					Payment Applications															Total	Percent
Description	Amount	Payment	ECWA Authorization	Status	No. 1	No. 8	No.9	No.10	No.11	No.12	No.13	No.14	No.15	No.16	No.17	No.18	No.19	No.20			
SCADA Programming	\$ 20,874.00	LS	8-9-19 email	Approved							\$ 10,437.00		\$ 10,437.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,874.00	100%	
SCADA/Conformed Wiring	\$ 22,621.49	LS		Approved							\$ 22,621.49		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,621.49	100%	
Additional SCADA Wiring	\$ 572.14	LS	12-9-19 email	Approved										\$ 572.14	\$ -	\$ -	\$ -	\$ -	\$ 572.14	100%	
Total	\$ 44,067.63				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,058.49	\$ -	\$ 10,437.00	\$ 572.14	\$ -	\$ -	\$ -	\$ -	\$ 44,067.63	100%	