ERIE COUNTY WATER AUTHORITY AUTHORIZATION FORM

For Approval/Execution of Documents (check which apply)

Contract: NC-035 Project No.: 201600238 Project Description: Ball Pump Station Electrical Improvements Professional Services Contract Amendment No.2			
Item Description: Agreement Professional Service Contract X Amendment Change Order BCD NYSDOT Agreement Contract Documents Addendum Recommendation for Award of Contract Recommendation to Reject Bids Request for Proposals Other			
Action Requested: X Board Authorization to Execute Board Authorization to Award Board Authorization to Advertise for Bids Execution by the Chairman Execution by the Secretary to the Authority Board Authorization to Solicit Request for Proposals Other			
Approvals Needed: APPROVED AS TO CONTENT: X Department Head			
Resolution Date: Item No:			

ERIE COUNTY WATER AUTHORITY



INTEROFFICE MEMORANDUM April 5, 2019

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Senior Distribution Engineer

Subject: Contract NC-035

Ball Pump Station Electrical Improvements

ECWA Project No. 201600238

Attached are the following documents:

1. ECWA Authorization Form for processing Professional Service Contract Amendment #2 with Nussbaumer & Clarke, Inc.

2. Three originals of Professional Service Contract Amendment #2 for the above referenced project.

This amendment is being requested due to the following conditions encountered during award of the project and during construction:

- 1. The award phase of the project was longer than anticipated. Due to issues with the bids that were received a process that can typically be completed over a two-week period stretched out over several months. Additional coordination effort with ECWA's Engineering and Legal departments was required during this time period. As a result of the delay the milestone and substantial completion dates have been extended for the contractor which has resulted in additional effort for the consultant during construction.
- 2. National Grid was consulted during the design phase regarding service supply lines and tower locations. National Grid has requested that a new tower be installed instead of reusing an existing tower. This resulted in additional effort during construction. The new tower decreases the angle of the conductors as it ties into the newly installed A-frames and will provide a final product that is compliant with National Grids design standards. The removal of the existing tower also eliminates the need to build a retaining wall around it and improves the overall site grading.
- 3. The Authority requested a redesign of the DC power control system to allow simultaneous operation of existing and new systems. The DC power control system is critical to the operation of the high voltage equipment. Simultaneous operation minimizes impact to the pump station during construction. The work is necessary because the current project sequence was not anticipated at project initiation.
- 4. The project is an "Unlisted" action and required a full EAF, Lead Agency designation, Negative Declaration, and publication in the NYS Environmental Notice Bulletin. The project area disturbance exceeds one acre which requires a SWPPP report and Notice of Intent to comply with NYSDEC Environmental regulations. This work was not anticipated at project initiation, but was found necessary as the project design advanced.

LFK:jmf Attachments cc: R.Stoll

CONT-NC-035-1601-011

ERIE COUNTY WATER AUTHORITY PROFESSIONAL SERVICES CONTRACT AMENDMENT No. 2

Project No.	201600238	Contract No.	NC-035	
Job No.		EC No.		
OWIP No.		Entered by/Date	jmf 04/04/2019	
Title:	Ball Pump Station Electrical Improvements			
Consultant:	Nussbaumer & Clarke, Inc.	***************************************		
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Description of Change to Contract:

- 1. Additional effort before award of contract, change order to extend completion date, additional meetings with National Grid and redesigning the existing DC power control system increased Consultant's General Services cost.
- 2. Under the Special Services section of the contract, a full Environmental Assessment Form was required for the project. A Short Form Environmental Assessment was assumed per the RFP.

Reason for Change:

- 1. Various unanticipated delays:
 - Delayed contract award resulting in a Change Order to extend completion date by 8 months, necessitating additional meetings and coordination with various contractors.
 - b. National Grid was consulted during the design phase regarding service supply lines and tower locations. National Grid has requested that a new tower be installed instead of reusing an existing tower. This resulted in additional effort during construction.
 - c. Redesign of the DC power control system was implemented to allow both the existing system and new system to operate simultaneously, thereby minimizing impact to the pump station during construction.
- 2. The project is an "Unlisted" action and required a full EAF, Lead Agency designation, Negative Declaration, and publication in the NYS Environmental Notice Bulletin. The disturbed area exceeds one acre which requires a SWPPP report and Notice of Intent to comply with NYSDEC Environmental regulations.

Compensation:

Revise the engineering fees as follows:

General Services – increase by \$68,000.00

APPROVED BY: NUSSBAUMER & CLARKE, INC. ERIE COUNTY WATER AUTHORITY Michael T. Marino, PE Date Russell J. Stoll, PE Chief Executive Officer Executive Engineer **Current Contract Amount** \$548,765.00 \$68,000.00 Jerome D. Schad Amendment No.2 Date Chairman \$616,765.00 **New Contract Amount**