### ERIE COUNTY WATER AUTHORITY

**AUTHORIZATION FORM**

For Approval/Execution of Documents
(check which apply)

<table>
<thead>
<tr>
<th>Contract:</th>
<th>NC-035</th>
<th>Project No.:</th>
<th>201600238</th>
</tr>
</thead>
</table>

**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

---

**Actions Requested:**

- [X] Board Authorization to Execute
- [X] Legal Approval
- [ ] Board Authorization to Award
- [X] Execution by the Chairman
- [ ] Board Authorization to Advertise for Bids
- [ ] Execution by the Secretary to the Authority
- [ ] Board Authorization to Solicit Request for Proposals
- [ ] Other

---

**Approvals Needed:**

**APPROVED AS TO CONTENT:**

- [X] Department Head
- [X] Risk Manager
- [X] Director of Administration
- [X] Executive Engineer

**APPROVED AS TO FORM:**

- [X] Legal

**APPROVED FOR BOARD RESOLUTION:**

- [X] Secretary to the Authority

---

**Remarks:**

---

**Resolution Date:**

---

**Item No:**

---
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 Grid’s 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.         Entered by/Date
OWIP No.             jmf 04/04/2019
Title: Ball Pump Station Electrical Improvements
Consultant: Nussbaumer & Clarke, Inc.

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:
   a. 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 a "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.

Michael T. Marino, PE           Date
Chief Executive Officer

Current Contract Amount    $548,765.00
Amendment No.2            $68,000.00
New Contract Amount       $616,765.00

ERIE COUNTY WATER AUTHORITY

Russell J. Stoll, PE           Date
Executive Engineer

Jerome D. Schad           Date
Chairman