



ERIE COUNTY WATER AUTHORITY
INTEROFFICE MEMORANDUM
March 12, 2019

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Senior Distribution Engineer

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

Attached is a Change Order No. 3 request for the above referenced project. This change order is being requested due to the following conditions encountered during construction:

1. The estimated rock excavation amount was 200 cubic yards. Additional rock was encountered during construction and the actual total of excavated rock is 251.56 cubic yards. This is a unit price item in the contract. A corresponding increase in this line item amount is necessary.
2. The contract was bid with all Phase 1 work being completed by August 31, 2018 but due to the delay in contract award this date was no longer achievable. The Authority extended the original milestone dates and final completion date through Change Order No. 1 and 2. Instead of placing concrete throughout the summer the delay caused the work to be performed during late fall and winter, therefore causing unexpected labor effort and equipment rental expenses. A portable heater and insulated blankets had to be used to properly cure the concrete. At the time of the bid these additional expenses were not anticipated.
3. After a section of 48-inch transmission main was excavated for planned relocation, it was discovered that the joint that was planned for the interconnection was deteriorated and deemed unusable. This unforeseen condition caused additional excavation and need for an additional section of pipe. The Authority provided the material for the additional work and the Contractor provided the labor.

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 the Consultant Engineer, Nussbaumer & Clarke, Inc.

LFK:jmf
Attachments
cc: R.Stoll
CONT-NC-035-1601-I-186-B