

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

Contract: GP-007 **Project No.:** 201800080
Project Description: Water System Improvements
Village of Depew and Town of West Seneca

Item Description:

Agreement Professional Service Contract Amendment Change Order
 BCD NYSDOT Agreement Contract Documents Addendum
 Recommendation for Award of Contract Recommendation to Reject Bids
 Request for Proposals
 Other _____

Action Requested:

Board Authorization to Execute Legal Approval
 Board Authorization to Award 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:

Chief Operating Officer Russell Tall Date: 11-12-19
 Executive Engineer Samuel F. Donahoe Date: 11-12-19
 Senior Distribution Engineer _____ Date: _____
 Director of Administration Lavonia Lester Date: 11/12/2019
 Chief Financial Officer Karen A. Pendragon Date: 11/13/19

APPROVED AS TO FORM:

Legal / RISK MGMT Margaret A. Murphy Date: 11/13/19

APPROVED FOR BOARD RESOLUTION:

Secretary to the Authority [Signature] Date: 11/13/19

Remarks: Professional Services Contract Amendment #1.

Resolution Date: _____ **Item No:** _____



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

November 12, 2019

To: Terrence D. McCracken, Secretary to the Authority

From: Leonard F. Kowalski, Executive Engineer

Subject: Contract GP-007 Amendment #1
Water System Improvements
Village of Depew and Town of West Seneca
ECWA Project No. 201800080

Attached are the following documents:

1. ECWA Authorization Form for processing Professional Service Contract Amendment #1 with Greenman-Pedersen, Inc.
2. Three originals of Professional Service Contract Amendment #1 for the above referenced project.

The Amendment is to increase the Resident Inspection and Resident Inspection Fixed Fee for the above referenced project.

The Authority estimated the inspection hours in the original request for proposal (RFP), which was responded to by the Consultant. There is no accurate means to calculate these costs prior to construction.

Consulting engineers must inspect the work site daily, accounting for material, supplies and equipment on the work site, as well as counting the number and type of laborers being employed on the site. These inspections must take place daily, even when no work is taking place on site. These inspections ensure and verify the accuracy of prevailing wage reports and invoices being submitted for payment and reimbursement. Delays in construction due to unexpected or unforeseen problems or weather-related delays will increase the hours for resident inspections. The Authority estimates these costs based on the size of the construction project and past experience with projects of similar size.

In this case, the hours estimated by the Authority were inadequate to properly provide inspection services for the duration of the construction project and therefore need to be increased to compensate the consultant for the services that were provided.

Construction work cannot continue without daily inspections. If we would have halted inspection services and told the contractor to stop working, the Authority would most likely be subjected to demobilization and remobilization costs associated with the contractor pulling off the job until the inspection services were reestablished. Having the contractor stop work would adversely affect their schedule and the project would most likely not get done this construction season. Additionally, the Contractor was concurrently working at two sites requiring inspection services for both sites. This was not accounted for in the estimate.

The increased amount reflects the actual construction schedule and site conditions encountered during construction. The following table provides the original contract cost, proposed amendment cost and total contract cost.

	Original Contract + MPO Amendment(s)	Amendment No.1	Original Contract + All Amendments
Survey	\$18,800.00	\$0.00	\$18,800.00
Design	\$35,000.00	\$0.00	\$35,000.00
General Services	\$20,600.00	\$0.00	\$20,600.00
Estimated Resident Inspection	\$94,590.00	\$16,195.20	\$110,785.20
Resident Inspection Fixed Fee	\$10,510.00	\$1,799.47	\$12,309.47
Record Drawings	\$6,100.00	\$0.00	\$6,100.00
Estimated Special Services	\$14,175.00	\$0.00	\$14,175.00
TOTALS	\$199,775.00	\$17,994.67	\$217,769.67

This work is within the original scope of the Professional Services Contract dated June 22, 2018 and the project is adequately funded.

The cost for the contractor to perform the work associated with this project is \$2,487,490.00.

LFK:jrs:jmf

Attachments

cc: R.Stoll

L.Lester

J.Sylvester

CONT-GP-007-1801-011

ERIE COUNTY WATER AUTHORITY
 PROFESSIONAL SERVICES CONTRACT
 AMENDMENT No. 1

Project No. 201800080 Contract No. GP-007
 Job No. _____ EC No. _____
 OWIP No. _____ Entered by/Date jmf 11/12/2019

Title: Water System Improvements
Village of Depew and Town of West Seneca

Consultant: Greenman-Pedersen, Inc.

Description of Change to Contract:
Increase 3.D.1 Estimated Resident Inspection and Resident Inspection Fixed Fee.

Reason for Change:
The resident inspection fee in the Professional Services Contract was initially estimated by ECWA. The fee is being increased based on the actual construction schedule and site conditions for the project.

Compensation:
 Revise 3.D Engineering Cost Schedule as follows:
 Survey: no change
 Design: no change
 General Services: no change
 Estimated Resident Inspection: increase by \$16,195.20
 Resident Inspection Fixed Fee: increase by \$1,799.47
 Record Drawings: no change
 Estimated Special Services: no change

APPROVED BY:

Greenman-Pedersen, Inc.

ERIE COUNTY WATER AUTHORITY

David F. Pratt, PE _____ Date _____
 Vice President

Leonard F. Kowalski 11-12-19
 Leonard F. Kowalski, PE _____ Date _____
 Executive Engineer

Original Contract Amount + \$199,775.00
 MPO Amendment(s)
 Amendment No. 1 \$17,994.67

Jerome D. Schad, Chairman _____ Date _____
 Chairman

TOTAL \$217,769.67