




ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

June 12, 2023

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, Senior Distribution Engineer 

Subject: Contract EA-012 Amendment #1
Replacement of Undersized Distribution Mains
Town of Cheektowaga and West Seneca, and Village of Depew
Village of Depew
ECWA Project No. 202000065

Attached are the following documents:

1. ECWA Authorization Form for processing Professional Service Contract Amendment #1 with Erdman Anthony & Associates, Inc. (Erdman Anthony).
2. Three original copies of Professional Service Contract Amendment #1 for the above referenced project.

The Amendment is to increase the Construction Phase Services and Resident Inspection (RI) services for the above referenced project.

On February 13, 2020, the Authority and the Consultant entered into a professional services contract for engineering and consulting services relating to the design and construction of replacement of existing undersized distribution mains in the Town of West Seneca, the Town of Cheektowaga, and the Village of Depew with minimum 8-inch diameter waterlines. The total length of the project is approximately 8,950 linear feet of watermain. The project also includes transfer of existing services.

Additional funding is required to account for additional engineering services (Construction Administration and Resident Inspection). Additional services were required due to the fact that construction of the improvements took significantly longer than anticipated. During the RFP process for engineering services and the negotiation of the associated contract, Engineering Department staff estimated that construction would take approximately nine months and require 1,500 hours of resident inspection services. A number of factors encountered during the project resulted in a construction duration of more than 12 months including the COVID pandemic, identification of petroleum contaminated soils and multiple work locations as well as some contractor inefficiencies. As with many other contracts, the pandemic slowed construction progress significantly due to supply chain delays and manpower shortages. In addition, during the installation of a section of main, an area of petroleum contaminated soil was encountered which delayed the construction while a determination was made as to how to properly identify the limits of the area, amount of material and the proper disposal methods. Finally, with regard to the scope

of work, the fact that work was required on thirteen separate streets, the level of effort was underestimated in the first place and multiple inspectors were required to cover different areas of work at the same time. These factors not only resulted in the need for additional inspection efforts but also additional construction administration costs over and above what was anticipated.

	Original Contract	Amendment No.1	Original Contract + All Amendments
Survey	\$56,245	\$0	\$56,245
Design	\$115,050	\$0	\$115,050
General Services	\$23,320	\$29,735.09	\$53,055.09
Estimated Resident Inspection	\$164,000	\$153,659.80	\$317,659.80
Record Drawings	\$27,940	\$0	\$27,940
Estimated Special Services	\$50,000	\$0	\$50,000
TOTALS	\$436,555	\$183,394.89	\$619,949.89

This work is within the original scope of the Professional Services Contract dated February 13, 2020, and funds for the amendment will be made available through a budget transfer from the 2023 capital budget (Distribution Project C) as part of a separate Board approval request on the agenda for the June 22, 2023 meeting.

MJQ:jmf

Attachments

cc: R.Stoll

L.Kowalski

L.Lester

CONT-EA-012-2001-011