

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

Contract: WSA-016 **Project No.:** 202000077
Project Description: Transmission Main, Town of Evans

Item Description:

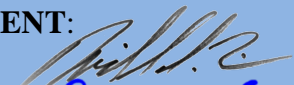




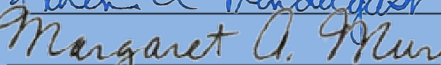

<input type="checkbox"/> Agreement	<input checked="" type="checkbox"/> Professional Service Contract	<input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> Change Order
<input type="checkbox"/> BCD	<input type="checkbox"/> NYSDOT Agreement	<input type="checkbox"/> Contract Documents	<input type="checkbox"/> Addendum
<input type="checkbox"/> Recommendation for Award of Contract	<input type="checkbox"/> Recommendation to Reject Bids		
<input type="checkbox"/> Request for Proposals			
<input type="checkbox"/> Other _____			

Action Requested:


<input checked="" type="checkbox"/> Board Authorization to Execute	<input checked="" type="checkbox"/> Legal Approval
<input type="checkbox"/> Board Authorization to Award	<input checked="" type="checkbox"/> Execution by the Chairman
<input type="checkbox"/> Board Authorization to Advertise for Bids	<input type="checkbox"/> Execution by the Secretary to the Authority
<input type="checkbox"/> Board Authorization to Solicit Request for Proposals	
<input type="checkbox"/> Other _____	

Approvals Needed:

APPROVED AS TO CONTENT:

<input checked="" type="checkbox"/> Sr. Distribution Engineer		Date: <u>12/30/2020</u>
<input checked="" type="checkbox"/> Chief Operating Officer		Date: <u>12/30/2020</u>
<input checked="" type="checkbox"/> Executive Engineer		Date: <u>12/30/2020</u>
<input checked="" type="checkbox"/> Director of Administration		Date: <u>12/30/2020</u>
<input checked="" type="checkbox"/> Risk Manager		Date: <u>12/30/2020</u>
<input checked="" type="checkbox"/> Chief Financial Officer		Date: <u>12/30/2020</u>
<input checked="" type="checkbox"/> Legal		Date: <u>12/30/20</u>

APPROVED FOR BOARD RESOLUTION:

<input checked="" type="checkbox"/> Secretary to the Authority		Date: <u>12/30/20</u>
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Remarks: Amendment #1

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



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

December 29, 2020

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, Senior Distribution Engineer

A handwritten signature in black ink, appearing to read "MJQ", is written over the name Michael J. Quinn.

Subject: Contract WSA-016 Amendment #1
Transmission Main, Town of Evans
ECWA Project No. 202000077

Attached are the following documents:

1. ECWA Authorization Form for processing Professional Service Contract Amendment #1 with William Schutt Associates.
2. Three original copies of Professional Service Contract Amendment #1 for the above referenced project.

The Amendment is to adjust the Survey and Design Services for the above referenced project.

On February 13, 2020, the Authority and the Engineer entered into a professional services contract for engineering and consulting services in part associated with the installation of a new transmission main interconnection between the existing 42-inch and 48-inch diameter transmission mains leaving the Sturgeon Point Water Treatment Plant (WTP). The interconnection at that location would include approximately 100 LF of pipe and all valving, air releases, interconnections to existing transmission main, and chambers necessary to isolate flows. The original interconnection was to be constructed at one of two locations adjacent to Old Lake Shore Road just east of the WTP. During the design phase of the project, test pits were excavated to determine the preferred option including the exact location and condition of the existing transmission mains at that location. The test pits suggested that the configuration (i.e., proximity of the mains to each other and the difference in relative depths) of the existing mains in the area would make the construction of either option for the interconnection problematic. Further complicating the construction at this location is the presence of a section of abandoned transmission main and the proximity of the existing mains to the property line. All of these issues warranted an evaluation of other feasible interconnection locations. After the evaluation, including the excavation of additional tests pits, an alternate location was selected which does not have the constructability issues associated with the first two locations. Additionally, the alternate location is closer to the WTP, which was not included in the original survey limits.

The addition of this work to the existing project will result in increased cost for survey and design phase services. The following table provides the original contract cost, the proposed amendment cost and the total contract cost.

To: Terrence D. McCracken
Secretary to the Authority

December 29, 2020

	Original Contract	Amendment No.1	Original Contract + All Amendments
Survey	\$65,900.00	\$4,455.00	\$70,355.00
Design	\$90,000.00	\$15,744.00	\$105,744.00
General Services	\$66,000.00	\$0.00	\$66,000.00
Estimated Resident Inspection	\$196,000.00	\$0.00	\$196,000.00
Direct Non-Salary Costs	\$5,000.00	\$0.00	\$5,000.00
Record Drawings	\$31,000.00	\$0.00	\$31,000.00
Estimated Special Services	\$50,000.00	\$0.00	\$50,000.00
TOTALS	\$503,900.00	\$20,199.00	\$524,099.00

This work is within the original scope of the Professional Services Contract dated February 13, 2020 and the project is adequately funded.

The 2020 Capital Budget (Unit 2595 Engr/Const Transmission Mains, Item 101522, WSA-016 TRANS MAIN REPLACEMENT) includes funding for design services. The 2021 Capital Budget included funding for design and inspection services as well as construction.

MJQ:jmf
Attachments
cc: R.Stoll
L.Kowalski
S.Denzler
L.Lester
CONT-WSA-016-2001

**AMENDMENT NO. 1
PROFESSIONAL SERVICES CONTRACT**

AMENDMENT, effective January 7, 2021 ("Amendment No. 1"), to the Professional Services Contract (Contract No. WSA-016), entered on the 13th day of February 2020, by and between:

ERIE COUNTY WATER AUTHORITY
295 Main Street, Room 350
Buffalo, New York 14203

hereinafter referred to as the "Authority," and

WM. SCHUTT & ASSOCIATES
37 Central Avenue
Lancaster, New York 14086

hereinafter referred to as the "Engineer."

WHEREAS, on February 13, 2020 the Authority and the Engineer entered into a professional services contract for engineering and consulting services relating in part to the installation of a new transmission main interconnection on Lake Shore Road just east of the Sturgeon Point Water Treatment Plant (WTP). The new interconnect will connect the existing 42-inch and 48-inch diameter transmission mains at that location (approximate length of 100 LF) and shall include all valving, air releases, interconnections to existing transmission main, and chambers necessary to isolate flows; and

WHEREAS, under the Contract' s scope of services, the Authority sought to construct the interconnection adjacent to the intersection of Old Lake Shore Road and the north access road to the WTP; and

WHEREAS, during the design phase of the project, it was determined that the configuration including the proximity of the mains to the property line and each other, the difference in relative depths of the existing mains in the area and the presence of a section of abandoned transmission main would make the construction of the interconnection problematic; and

WHEREAS, the Authority desires to relocate the interconnection to an area closer to the WTP and eliminate the complications associated with the original proposed location; and

WHEREAS, due to the condition of the existing mains at this location, an evaluation of the existing pipe joints is required to ensure adequate thrust restraint and afford repairs if necessary; and

WHEREAS, based on the recommendation of the Authority's Chief Operating Officer and Executive Engineer, the Authority seeks to amend the Contract by revising the scope of services to allow the Engineer to provide survey and design services relative to the relocation of the interconnection; and

WHEREAS, in accordance with Paragraph 5 of the Contract, no modification or variation from the terms of the Contract shall be effective unless it is in writing and authorized by a resolution of the Board of Commissioners of the Authority (the "Board") and signed by all parties;

NOW, THEREFORE, in consideration of mutual promises herein set forth, the parties agree to the following:

- (1) The scope of services, in paragraph 2(A) of the Contract, is modified to remove the installation of a new transmission main interconnection on Lake Shore Road just east of the WTP and supplemented to include the following:
 - (a) Engineering survey and design services as outlined in the supplement letter dated December 7, 2020 relative to the installation of a new transmission main interconnection on the property of the WTP site, which is attached hereto as **Appendix A**; and
 - (b) Engineering design services as outlined in the supplement letter dated December 7, 2020 relative to the inspection of all joints on both of the existing 42-inch and 48-inch mains between the WTP and the gate on Lake Shore Road, which is attached hereto as **Appendix A**; and
 - (c) Engineering design services as outlined in the supplement letter dated December 7, 2020 relative to the repair of any faulty joints on both of the existing 42-inch and 48-inch mains between the WTP and the gate on Lake Shore Road, which is attached hereto as **Appendix A**.
- (2) The Engineer will complete the surveying and design phase services within the schedule previously agreed to by the Authority's Engineering Department.
- (3) The parties agree to amend paragraph 3, subparagraph D to increase the lump sum for survey by \$4,455, changing the current figure of \$65,900 to \$70,355.

- (4) The parties agree to amend paragraph 3, subparagraph D to increase the lump sum for design by \$15,744, changing the current figure of \$90,000 to \$105,744.
- (5) The parties agree all other terms and conditions of the Contract shall remain without change or amendment.
- (6) This Amendment may be executed in counterparts, each of which is deemed an original, but all of which together are deemed to be one and the same agreement; and
- (7) The parties agree to accept electronic signature pages, signed in conformity with the Governor's Executive Order No. 202.7, allowing any notarial action to be performed utilizing audio-video technology.

IN WITNESS WHERETO, the parties hereto have caused this Amendment No. 1 to be signed by their respective duly constituted officers, attested and sealed pursuant to proper authority.

ERIE COUNTY WATER AUTHORITY

By _____
Jerome D. Schad, Chair

WM. SCHUTT & ASSOCIATES

By _____
William E. Schutt, PE, President

STATE OF NEW YORK)
COUNTY OF ERIE) ss:

On the _____ day of _____, in the year 2021, before me personally came Jerome D. Schad, to me known, who, being by me duly sworn, did depose and say that he resides in Amherst, New York, that he is the Chair of the Board of Commissioners for the Erie County Water Authority described in the above instrument; and that he signed his name thereto by order of the Board of Commissioners.

Notary Public

STATE OF NEW YORK)
COUNTY OF ERIE) **ss:**

On the _____ day of _____, in the year 2021, before me personally came William E. Schutt, PE, to me known, who, being by me duly sworn, did depose and say that he resides in _____, New York, that he is the President of the Corporation described in the above instrument; and that he signed his name thereto by order of the Board of Directors of said Corporation.

Notary Public

Civil Engineering
Environmental Engineering
Municipal Engineering
Land Surveying



Appendix A

Project Management
Construction Support Services
Landscape Architecture
SWPPP Services

December 7, 2020

Michael Quinn, PE, BCEE
Sr. Distribution Engineer
Erie County Water Authority
3030 Union Road
Cheektowaga, NY 14227-1097

Re: Proposed Amendment No. 1 to Professional Services Contract
Contract No. WSA-016
Transmission Mains in the Town of Evans
Project No. 202000077

Dear Mr. Quinn:

In support of the proposed Amendment described above we are pleased to provide the following information:

Description of Amendment

As described in the Authority's Request for Proposals and memorialized in the Authority's Professional Services Contract WSA-016 this Project originally entailed the installation of a new transmission main interconnection on Lake Shore Road just east of the Sturgeon Point Water Treatment Plant. The new interconnect would connect the existing 42-inch and 48-inch diameter transmission mains at a location near the existing lighthouse.

Survey, mapping, and Design work began in February 2020. 30% documents were submitted in April 2020 which included two options for the interconnection of the two transmission mains near the lighthouse/Lake Shore Road location.

A third option was discussed shortly thereafter which involved an interconnection of the two transmission mains internally within the Treatment Plant site. This option was subsequently examined, discussed, and authorized to proceed. This third option resulted in the need to go back out to survey and map the new location and advance the respective design work.

95% documents were prepared and submitted in October 2020 for the new interconnection within the Treatment Plant site. Based on a meeting with Authority representatives in November 2020 additional instructions were provided that further expanded the scope of design of the interconnection to include:

- a) Change specification of butterfly valves,
- b) Contact pipe manufacturer to inquire regarding additional information on the restraining of the existing mains and for advice concerning following new items, and
- c) Add to project scope:
 - 1) the inspection or "test pitting" of all joints on both the existing 42 and 48-inch mains between the plant itself and the Lake Shore gate. This will include the following:
 - i. create an aerial map and after examining the old pipe laying schedules define the joint locations accordingly. Call out excavation of test pits at each joint and number them for reference.

Continued ...

- ii. create two new items, one for joint inspection, and one for joint repair, and amend M&P verbiage.
 - iii. create new detail for new item showing the work to be included. Inspection/test pit is to dig up the pipe joint, remove the diaper and grout, inspect the joint circumferentially, rediaper and grout, and backfill/restore.
- 2) the repair of any faulty joints on both the existing 42 and 48-inch mains between the plant and the Lake Shore gate discovered during the inspection process.
- i. Create new detail for new item showing work to be included. Repair work to include replace the weld with a new circumferential weld, removing any failed welding and providing a complete repair.

Nature of Amendment

- Additional Services to be performed by Engineer
- Modifications of payment to Engineer
- Modifications to time(s) for rendering services

This Amendment, as described above, results in additional scope and fees to Survey and Design tasks. This change also increases the time to complete respective Survey and Design tasks. The (Survey and Design) Engineering Cost increases by \$20,199.00.

Agreement Summary

Engineering Cost Schedule:

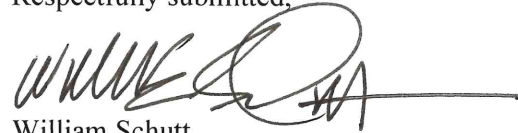
Engineering Cost	Original Contract	Amendment No. 1	New Contract Amount
Survey	\$65,900.00	+\$4,455.00	\$70,355.00
Design	\$90,000.00	+ \$15,744.00	\$105,744.00
Engineering Cost	\$155,900.00	+ \$,20,199.00	\$176,099.00

Original agreement amount:	\$ <u>151,900.00</u>
Net change for prior amendments:	\$ <u>0.00</u>
This amendment amount:	<u>+ \$ 20,199.00</u>
Adjusted Agreement amount:	\$ <u>\$176,099.00</u>

Michael Quinn, PE, BCEE
December 7, 2020
Page 3 of 3

Upon your review please do not hesitate to contact me if you have any questions or concerns.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'William Schutt', with a long horizontal line extending to the right.

William Schutt

CC: 20011
R Rosenberry

20-12-07-2011-ecwa-amendment-wes