

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

Contract: CH-011 **Project No.:** 201900071
Project Description: Water System Improvements
Lake Shore Road (Route 5) – NYSDOT Betterment.

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:

<input checked="" type="checkbox"/> Sr. Distribution Engineer	<u></u>	Date: <u>5/26/2020</u>
<input checked="" type="checkbox"/> Chief Operating Officer	<u></u>	Date: <u>05/27/2020</u>
<input checked="" type="checkbox"/> Executive Engineer	<u></u>	Date: <u>05/27/2020</u>
<input checked="" type="checkbox"/> Director of Administration	<u></u>	Date: <u>05/27/2020</u>
<input checked="" type="checkbox"/> Risk Manager	<u></u>	Date: <u>05/27/2020</u>
<input checked="" type="checkbox"/> Chief Financial Officer	<u></u>	Date: <u>05/26/2020</u>
<input checked="" type="checkbox"/> Legal	<u></u>	Date: <u>05/27/2020</u>

APPROVED FOR BOARD RESOLUTION:

<input checked="" type="checkbox"/> Secretary to the Authority	<u></u>	Date: <u>05/27/2020</u>
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Remarks: Professional Services Contract Amendment #1.

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



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

May 21, 2020

To: Terrence D. McCracken, Secretary to the Authority

From: Steven W. Denzler, Distribution Engineer *SWD*

Subject: Contract CH-011
Water System Improvements
Lake Shore Road (Route 5) – NYSDOT Betterment
ECWA Project No. 201900071

Attached are the following documents:

1. ECWA Authorization Form for processing Professional Service Contract Amendment #1 with CHA Consulting, Inc.
2. Three original copies of Professional Service Contract Amendment #1 for the above referenced project.

The Amendment is to increase the Payment for Services – Design for the above referenced project.

The original scope of work included the design of Work Zone Traffic Control (WZTC) plan which was developed to include all traffic lanes to be open for traffic during the NYSDOT dictated time restriction period on Route 5. After plan review, NYSDOT requested the Consultant to redesign the WZTC to include a lane closure on Route 5 during the watermain construction in order to shorten the project completion time minimizing the length of traffic disruption.

The possible benefits of the redesign of WZTC for the Authority are:

1. Lower bid prices for waterline and traffic control items.
2. Less temporary pavement labor and material required at the end of each day prior to opening the lane to traffic.
3. Shorter watermain construction time.

The following table provides the original contract cost, proposed amendment cost and total contract cost.

To: Terrence D. McCracken
Secretary to the Authority

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May 20, 2020

	Original Contract	Amendment No.1		Original Contract + All Amendments
Engineering Costs	\$ 73,760.00	\$ 8,700.00		\$ 82,460.00
Special Services	\$ 20,000.00	\$ 0.00		\$ 20,000.00
Resident Inspection	\$ 0.00	\$ 0.00		\$ 0.00
Other Costs (Estimated Direct Non-Salary Costs)	\$ 10,000.00	\$ 0.00		\$ 10,000.00
Totals	\$ 103,760.00	\$ 8,700.00		\$ 112,460.00

The original bids for the project suggest that the cost for the construction of the project will be roughly \$2,500,000.00 to \$3,000,000.00.

SWD:jmf
Attachments
cc: R.Stoll
L.Kowalski
M.Quinn
L.Lester
CONT-CH-011-1901-I-011

ERIE COUNTY WATER AUTHORITY
 PROFESSIONAL SERVICES CONTRACT
 AMENDMENT No. 1

Project No.	201900071	Contract No.	CH-011
Job No.		EC No.	
OWIP No.		Entered by/Date	jmf/swd 5/21/2020
Title:	Water System Improvements		
	Lake Shore Road (Route 5) – NYSDOT Betterment		

Consultant: CHA Consulting, Inc.

Description of Change to Contract:
Increase 3.A.2 – Design

Reason for Change:
After plan review, NYSDOT requested the Consultant to redesign the WZTC to include a lane closure on Route 5 during the watermain construction in order to shorten the project completion time minimizing the length of traffic disruption.

Compensation:
 Revise 3.A.2 as follows:
Design: increase by \$8,700.00

APPROVED BY:

CHA CONSULTING, INC.

Wesley S. Ecker Date
 Senior Vice President

ERIE COUNTY WATER AUTHORITY

Leonard F. Kowalski 5/21/2020

Leonard F. Kowalski, PE Date
 Executive Engineer

Original Contract Amount	\$103,760.00
Amendment No.1	\$8,700.00
<hr/> New Contract Amount	<hr/> \$112,460.00

Jerome D. Schad Date
 Chairman



December 5, 2019

Mr. Steve Denzler, PE
Erie County Water Authority
3030 Union Road
Cheektowaga, New York 14227

**RE: CH-011 – Waterline Replacement Project – Lake Shore Road (NY Route 5)
ECWA Project No. 201900071
Additional Engineering Services – Work Zone Traffic Control Redesign**

Dear Mr. Denzler:

As you are aware, CHA is currently under contract to provide engineering services for the above project for the Erie County Water Authority (ECWA).

Included in the original scope of work in the Design Phase was the design of a Work Zone Traffic Control (WZTC) plan for this project. Based on past experiences with New York State Department of Transportation (NYSDOT) and subsequent discussions with NYSDOT and ECWA, it was decided to design a WZTC plan that would require all travel lanes be open to traffic during the NYSDOT dictated time restriction periods on NY Route 5. CHA proceeded with this design and presented this plan in the Advance Detail Plan submission to ECWA and NYSDOT.

After reviewing the WZTC plan submitted, NYSDOT requested CHA to redesign the WZTC to show a lane closure along NY Route 5 (eastbound or inbound direction) for the duration of the waterline construction. The redesigned WZTC would remain in place even during time restriction periods. This request was based on the idea of a reduction in overall time to complete the waterline construction, saving time to the overall project duration and minimizing the length of disruption to the traveling public.

Designing a WZTC with a lane closure during the duration of waterline construction should provide the following benefits to the ECWA project:

- Lower bid prices for waterline items and traffic control items,
- Less temporary pavement required at the end of each work day prior to opening the travel lane to traffic,
- Shorter construction duration of the waterline

This requested change in scope will result in additional work for CHA. CHA is requesting an additional design fee in the amount of \$8,700 from ECWA for completing this additional design of the revised Work Zone Traffic Control plan.

Should you have any comments or questions, please contact me at (716) 222-2519 or mjarmuz@chacompanies.com.

Sincerely,

A handwritten signature in black ink that reads 'Mark D. Jarmuz'.

Mark D. Jarmuz
Project Manager