



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

October 3, 2023

To: Terrence D. McCracken, Secretary to the Authority

From: David M. Patton, PE, Senior Production Engineer *DMP*

Subject: Furnish and Deliver Caustic Soda (50% Solution of Sodium Hydroxide)
Membrane Grade, to the Erie County Water Authority
For Use in the Treatment of Water
ECWA Project No. 202300175

On Tuesday, September 26, 2023, the Authority received bids for the above referenced contract. One bid was received, from the Authority's current supplier of liquid chlorine, Alexander Chemical Corporation of LaPorte, Indiana (Alexander). A letter of no bid was also received from another supplier, Kuehne Chemical Company, Inc. of Kearny, New Jersey.

The bid is for a nine-months contract period with two possible one-year extensions.

The low bid by Alexander meets the product specifications, their references have been checked and they appear to understand our contract requirements. They have been our new chlorine vendor for a couple months and Veolia/City of Buffalo also has a contract with Alexander and the City reports that their experience is very positive so far, with no issues reported and complimented on better customer service than with most other vendors.

Alexander has provided adequate proof of insurance, that has been approved by the Authority's Claims Representative/Risk Manager. The Engineering Department, therefore, recommends the award of the above-referenced contract to Alexander Chemical Corporation in the amount of \$1,292,400.00.

Budget Information (Budget Year: 2023 - 2024):

- Sturgeon: 1010-401000-640113
- Van de Water: 1015-401000-640213

The Authority 2024 budget will include funding allocations for subsequent years.

Attached please find the following documents:

1. ECWA Authorization Form.
2. ECWA Recommendation for Award of Contract form.
3. Bid Tabulation.
4. Three copies of contract documents for execution by ECWA Chairman.

DMP:jmf

Attachments

cc: M.Wymer

L.Lester

CHEM-158-2301-X-12

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

Contract: _____ **Project No.:** 202300175
Project Description: Furnish and Deliver Caustic Soda (50% Solution of Sodium Hydroxide) Membrane Grade, to the Erie County Water Authority for Use in the Treatment of Water.

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. Production Engineer		Date: <u>10/9/2023</u>
<input checked="" type="checkbox"/> Chief Operating Officer		Date: <u>10/05/2023</u>
<input checked="" type="checkbox"/> Executive Engineer		Date: <u>10/05/2023</u>
<input checked="" type="checkbox"/> Director of Administration		Date: <u>10/5/2023</u>
<input checked="" type="checkbox"/> Risk Manager		Date: <u>10/05/2023</u>
<input checked="" type="checkbox"/> Chief Financial Officer		Date: <u>10/05/2023</u>
<input checked="" type="checkbox"/> Legal		Date: <u>10/5/2023</u>

APPROVED FOR BOARD RESOLUTION:

<input checked="" type="checkbox"/> Secretary to the Authority		Date: <u>10/9/2023</u>
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Remarks: Unit price contract.

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

**ERIE COUNTY WATER AUTHORITY
RECOMMENDATION FOR AWARD OF CONTRACT**

Contract: _____ Project No.: 202300175
Project Description: Furnish and Deliver Caustic Soda (50% Solution of Sodium Hydroxide)
Membrane Grade, to the Erie County Water Authority for Use in the Treatment of Water

CONTRACT AWARD

Contractor/Supplier: Alexander Chemical Corporation
Award Amount: \$1,292,400.00

BID SUMMARY:

Date Advertised for Bids: 08/28/2023 Date of Bid Opening 09/26/2023

Bidder	Total Bid Amount
<u>Alexander Chemical Corporation, Inc.</u>	<u>\$1,292,400.00</u>
<u>Kuehne Chemical Company, Inc.</u>	<u>Declined</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Attachments: Bid Tabulation Consultant's Recommendation

APPROVALS (Select applicable)

WMBE APPROVAL

_____ No Waiver
_____ Full Waiver
_____ Partial Waiver

Affirmative Action Officer _____ Date _____

INSURANCE APPROVAL

Claims Rep/Risk Manager Molly Op Musarra Date 10/05/2023

NYS CERTIFIED APPRENTICESHIP PROGRAM APPROVAL

Coordinator of Employee Relations _____ Date _____

Remarks: Unit Price Contract.

Project Title:	FURNISH AND DELIVER 50% CAUSTIC SODA TO THE ERIE COUNTY WATER AUTHORITY FOR USE IN THE TREATMENT OF WATER
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ECWA Project:	202300175
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Date advertised: 8/28/2023
Bid opening Date: 9/26/2023 11:00 a.m.

Alexander Chemical

Bid Items	Quantity (Tons)	Description	Unit Price Bid	Totals
1	700	Caustic Soda - Sturgeon Point Water Treatment Plant	\$1,436.00	\$1,005,200.00
2	200	Caustic Soda - Van de Water Water Treatment Plant	\$1,436.00	\$287,200.00

Kuehne Chemical

Bid Items	Quantity (liquid tons)	Description	Unit Price Bid	Totals
1	X	Caustic Soda - Sturgeon Point Water Treatment Plant	No Bid	X
2	X	Caustic Soda - Van de Water Water Treatment Plant	No Bid	X
Total				\$0.00

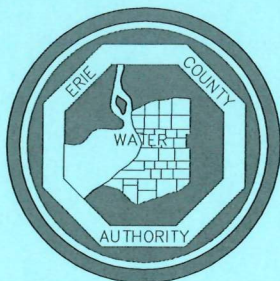
Set No:

Project Manual – Short Form

**Furnish and Deliver Caustic Soda
(50% Solution of Sodium Hydroxide)
Membrane Grade
to the Erie County Water Authority
for Use in the Treatment of Water**

Project No. 202300175

**Erie County Water Authority
3030 Union Road
Cheektowaga, New York 14227**



ERIE COUNTY WATER AUTHORITY
BUFFALO, NEW YORK

**FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE)
MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY
FOR USE IN THE TREATMENT OF WATER FOR
PROJECT NO: 202300175**

TABLE OF CONTENTS

<u>Name or Description</u>	<u>Initial Page</u>
<u>BIDDING REQUIREMENTS</u>	
Notice to Bidders	NTB-1
Instructions to Bidders	ITB-1
Bid Form and Bid Form Supplements	BID-1
<u>CONTRACTING REQUIREMENTS</u>	
Agreement.....	AGT-1
<u>APPENDICES</u>	
Appendix A – Technical Specifications	APPENDIX A-1
Appendix B – Insurance Requirements	APPENDIX B-1

END OF TABLE OF CONTENTS

ERIE COUNTY WATER AUTHORITY
3030 UNION ROAD
CHEEKTOWAGA, NEW YORK 14227

**FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE)
MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY
FOR USE IN THE TREATMENT OF WATER
PROJECT No: 202300175**

NOTICE TO BIDDERS

The Erie County Water Authority will receive separate, sealed bids to **FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE) MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY FOR USE IN THE TREATMENT OF WATER.**

Bids must be received by the Erie County Water Authority no later than 11:00 a.m. Eastern Prevailing Time, on Tuesday, September 26, 2023, at the Service Center Front Desk, Erie County Water Authority, 3030 Union Road, Cheektowaga, New York 14227.

When permitted, members of the public may be present to observe the bid opening. All attendees must bring a government-issued photo identification (driver's license preferred) and check-in with the ECWA receptionist before being allowed entry to the bid opening.

Whenever the Erie County Water Authority is operating under a Declaration of Emergency due to a pandemic or other general state of emergencies, members of the public may be precluded from being present at such bid opening.

ANYONE ENTERING THE SERVICE CENTER OR OTHER AUTHORITY FACILITIES IS SUBJECT TO SUCH RESTRICTIONS OR LIMITATIONS IN PLACE AT THE TIME OF ENTRY.

All bids being mailed (including FedEx, UPS, Priority Mail, etc.) or delivered shall be directed to the "SERVICE CENTER FRONT DESK" at the address listed above in a sealed envelope and be clearly marked on the outside of the mailing or hand-delivered envelope "BID ENCLOSED-ECWA - **FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE) MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY FOR USE IN THE TREATMENT OF WATER (PN 202300175)**".

Beginning at 9:00 a.m. Eastern Prevailing Time, on Monday, August 28, 2023, Project Manuals and accompanying drawings, if applicable, may be obtained in person at the Service Center Front Desk at the above address. If obtaining documents in person, government-issued photo identification is required to enter the building and a business card for bidder's contact person is requested. Documents may also be obtained by writing the Service Center Front Desk at the above address or calling 716-684-1510, between the hours of 9:00 a.m. and 4:00 p.m. Contract Documents will be mailed to prospective bidders wishing to obtain a set upon receipt of prospective bidder's charge number for UPS or FedEx. The mailing date will be considered the bidder's date of receipt. Partial sets of documents will not be available.

Each bid shall be accompanied by a certified check or bid bond in the amount of five percent (5%) of the amount of the bid.

In accordance with State Finance Law §§139-j and 139-k, all questions about meaning or intent of the bidding documents shall be submitted to the designated contact person in writing. The designated contact is David M. Patton PE, Senior Production Engineer, Erie County Water Authority, 3030 Union Road, Cheektowaga, New York 14227, telephone 716-685-8229, email dpatton@ecwa.org.

The Erie County Water Authority reserves the right to reject any and all bids or to accept any bid deemed to be for the best interest of the Water Authority even though the proposal chosen may result in the award of the contract to a bidder whose bid is not mathematically lowest.

The final contract will be executed in the format set forth in the proposed Contract Documents located in this Project Manual. The Contract will be for a nine-month term, with the potential for two additional one-year extensions. It is anticipated that the term of the original contract will be from November 1, 2023 through July 31, 2024, subject to the approval of Authority's Board of Commissioners.

ERIE COUNTY WATER AUTHORITY



TERRENCE D. McCracken
Secretary to the Authority

ERIE COUNTY WATER AUTHORITY
BUFFALO, NEW YORK

**FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE)
MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY
FOR USE IN THE TREATMENT OF WATER
PROJECT No: 202300175**

INSTRUCTIONS TO BIDDERS

1. **BID SHALL BE SUBMITTED ON THESE ERIE COUNTY WATER AUTHORITY** (the “Authority”) **BID FORMS** or bid will not be considered. Bid must be typed or printed in ink. Original autograph signatures in ink are required. Facsimile or rubber stamp signatures will not be accepted. **ALL PAGES OF THIS BID DOCUMENT MUST BE RETURNED INTACT.**
2. **LATE PROPOSALS.** Any bids received at the Authority after the date and time prescribed will not be considered for contract award.
3. **ADDENDA.** All questions about the meaning or intent of the Bidding Documents shall be submitted to the Authority in writing and received by the Authority at least ten (10) days prior to the date for the opening of Bids. Interpretations, clarifications, and/or supplemental instructions considered necessary by the Authority in response to such questions will be issued by Addenda. Addenda may also be issued to clarify, correct or change the Bidding Documents as deemed advisable by the Authority. All Addenda will be mailed by either Registered or Certified mail, with return receipt requested to all parties recorded by the Authority as having received the Bidding Documents, for receipt not later than three (3) days prior to the date for the opening of Bids. Failure of any Bidder to receive any such Addendum shall not relieve any bidder from any obligation of the bid submitted. All Addenda so issued shall become part of the Contract Documents. All Addenda must be submitted with the bid proposal and be properly signed by the Bidder. Only questions answered by Addenda will be binding. The Authority will not be responsible for any other explanations or interpretation of such documents which anyone presumes to make on behalf of the Authority before expiration of the time set for the receipt of Bids. No interpretation of the meaning of the plans, specifications or other Contract Documents will be made to any bidder orally. Oral and other interpretations or clarifications will be without legal effect.
4. **BID DOCUMENTS.** The blank spaces in the proposal must be filled in correctly where indicated for each and every item, and the Bidder must state, both in words and in numerals, written or printed in ink, the prices for which he proposes to do each item of the work contemplated. In case of discrepancy between the words and the numerals, the words shall govern. The Bidder shall sign the proposal and all required forms correctly and with original signatures.
5. **BID GUARANTEE.** Each bid must be accompanied by a certified check made payable to the Erie County Water Authority or a bid bond in the sum of five percent (5%) of the amount

of the bid. Bid bonds must be in satisfactory form and payable to the order of the AUTHORITY. The bid bond must contain original signatures in ink. The bid bond shall be approved by the Authority's Attorney as to form, and by the Comptroller as to sufficiency of the bond. The amount of the certified check or bid bond shall be retained by the AUTHORITY as liquidated damages if the bidder whose bid is accepted shall fail to enter into a contract with the Authority.

6. **EQUIPMENT AND MATERIALS BROCHURES.** The Technical Specifications may require that each bid be accompanied by certain brochures that describe the various types of equipment or material listed in the bid, then the bid must be accompanied by such brochures. Bids not accompanied by the required equipment and material brochures may be rejected. If brochures are not available, the bidder is required to submit with his bid a letter stating that he has requested four (4) copies of the brochures described in the Technical Specifications and that his bid price is for the equipment or materials as described in these brochures.
7. **EMERGENCY CLOSINGS.** In the event of an emergency closing of certain Authority facilities and/or operations and/or services due to any flood, fire, fire drill, power failure, uncontrolled weather conditions or other cause beyond the Secretary to the Authority's control, only bids received prior to the date and time or postmarked as of the date prescribed will be considered for contract award.
8. **ANY CHANGE IN WORDING OR INTERLINEATION OF THE ADVERTISEMENT AS PUBLISHED BY THE AUTHORITY** shall be reason to reject the proposals in the event that such change in the Advertisement to Bid is not discovered prior to entering into a contract, to void any contract entered into pursuant to such bid. Proposals may be rejected if they show any omissions, alterations of form, additions not called for, conditional or alternate bids other than are provided for in the proposal form, escalation clauses or irregularities of any kind.
9. **THE AUTHORITY, IN THE BEST INTERESTS OF THE PUBLIC, RESERVES THE RIGHT TO REJECT** any and all bids, to accept either in whole or in part any one bid or combination of bids as may be provided in the bid specifications, and to waive any informalities in bids. The Authority does not obligate itself to accept the lowest or any other proposal and reserves the right to re-bid.
10. **CONTRACT(S) OR PURCHASE ORDER(S) WILL BE AWARDED** after due consideration of the suitability of goods and/or services bid to satisfy these specifications, the total cost of such goods and/or services including all cost elements, and the timeliness of the agreed upon delivery date.
11. An **EXECUTORY CLAUSE** shall be a part of any agreement entered into pursuant to this bid. See, § 7 of the Proposed Contract Documents.
12. **FAILURE TO MEET DELIVERY SCHEDULE** as per accepted bid may result in legal action by the Authority to recover damages.
13. **PRICES SHALL BE QUOTED F.O.B. DESTINATION.**

14. COLLECT TRANSPORTATION CHARGES WILL NOT BE PAID BY THE AUTHORITY. All freight, cartage, rigging, postage or other transportation charges shall be prepaid and included in the bid. There will be no additional charges for delivery.
15. NO TAXES ARE TO BE BILLED TO THE AUTHORITY. Bids shall not include any State or local excise, sales, transportation or other tax, unless State law specifically levies such tax on purchases made by a public benefit corporation created by the State of New York. The Authority Purchase Order is an exemption certificate. Any applicable taxes from which the Authority is not exempt shall be listed separately as cost elements and added into the total net bid.
16. THE SUCCESSFUL BIDDER shall comply with all laws, rules, regulations and ordinances of the Federal Government, the State of New York and any other political subdivision or regulatory body which may apply to Bidder's performance under this contract.
17. GRATUITIES, ILLEGAL OR IMPROPER SCHEMES. The Authority may terminate contracts or purchase orders, if it is determined that gratuities in the form of entertainment, gifts or otherwise were offered or given by a vendor, his agent or representative to any Authority official or employee with a view towards securing favorable treatment with respect to the awarding of this bid or the performance of the contract or purchase order. The Authority may also terminate a contract or purchase order if it is determined that the successful bidder engaged in any other illegal or improper scheme promotive of favoritism or unfairness incidental to the bidding process or the performance of the contract or purchase order. In the event that it is determined that said improper or illegal acts occurred, the Authority shall be entitled to terminate the contract or purchase order and/or exercise any other remedy available to it under existing law.
18. ANY CASH DISCOUNT which is part of a bid will be considered as a reduction in the bid prices in determining the award of the bid. Date of invoice must not precede date of delivery. The Authority policy is to pay all claims in a timely manner within the specified time. However, if for some reason payment is delayed, the Authority will take the discount when payment is made. The Authority will not pay any interest charges nor refund discount amounts taken after the discount period. If this procedure is unsatisfactory, please quote net.
19. ANY ADDITIONAL INFORMATION which bidder desires to add to the bid shall be written on a separate sheet of paper attached to and submitted with the formal sealed bid to be read at the formal opening.
20. WARRANTY: Notwithstanding anything to the contrary herein contained, BIDDER agrees that the warranties as prescribed by the Laws of the State of New York are and will remain in effect; that this warranty and the time to exercise said warranty in effect at the time of the breach, if any, caused by any breach or by any hidden or latent defect will be as prescribed by the Laws of the State of New York. The obligations of BIDDER herein are independent of any other obligations.
21. THIS BID IS FIRM AND IRREVOCABLE for a period of 45 days from the date and time of the bid opening. If a contract is not awarded within the 45 day period, a bidder to whom

the bid has not been awarded may withdraw his bid by serving written notice upon the Secretary to the Authority of his intention to do so.

22. **PRICES CHARGED TO THE ERIE COUNTY WATER AUTHORITY** are to be no higher than those offered to any other governmental or commercial consumer. If a bidder has a New York State or a Federal GSA contract for any of the items covered in this bid or any similar items, he shall so indicate that he has said contract on these bid papers and automatically supply a copy of this contract within five days after notification of award.
23. **PRICE IS FIRM.** The unit prices bid shall remain firm and any other charges bid shall also remain firm for delivery of the equipment, material, work, or services described in this bid. No cost increase shall be charged for any reason whatsoever.
24. **EXTENSION OF PRICE PROTECTION.** Any contract entered into pursuant to this bid to supply the Authority requirements of goods and/or services for a definite period of time as stated in the attached specifications may be extended for not more than two successive periods of equal length at the same bid price upon the mutual agreement of the successful bidder and the Authority. All extensions shall be submitted in writing and shall have prior approval by the Secretary to the Authority.
25. **IN EXECUTING THIS BID, THE BIDDER AFFIRMS** that all of the requirements of the specifications are understood and accepted by the bidder, and that the prices quoted include all required materials and services. The undersigned has checked all of the bid figures, and understands that the Authority will not be responsible for any errors or omissions on the part of the undersigned in preparing this bid. Mistakes or errors in the estimates, calculations or preparation of the bid shall not be grounds for the withdrawal or correction of the bid or bid security. In case of error in extension of prices in the bid, the unit price will govern.
26. **ACCOUNTABILITY.** The undersigned shall be fully accountable for his or its performance under this bid or any contract or purchase order entered into pursuant to this bid, and agrees that he or its officers will answer under oath all questions relevant to the performance thereof and to any transaction, act or omission done or omitted in connection therewith if called before any Judicial, County or State officer or agency empowered to investigate the contract or his performance.

**FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE)
MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY
FOR USE IN THE TREATMENT OF WATER
PROJECT NO: 202300175**

BID DOCUMENTS AND BID FORM SUPPLEMENTS

OPENING DATE: Tuesday, September 26, 2023 TIME: 11:00 a.m.

NAME OF BIDDER: Alexander Chemical Corporation

PERSON AUTHORIZED TO ENTER INTO CONTRACT FOR BIDDER:

NAME: Robert Davidson

TITLE CEO

SUBMISSION DATE: September 21, 2023

ADDRESS: 7593 S. First Road, LaPorte, IN 46350

PHONE: (800)-348-8827 or (219) 393-5558

PERSON EMPLOYED BY THE BIDDER, WHO WILL BE RESPONSIBLE FOR OBTAINING
BONDS AND/OR INSURANCE COVERAGE

NAME: Cheyenne Haney

TITLE Bid Specialist

ADDRESS: 7593 S. First Road, LaPorte, IN 46350

PHONE: (800) 348-8827 or (219) 393-5558

EMAIL: cheyenne.haney@alexchem.com

BID ITEMS AND BID SHEET

BID DESCRIPTION: FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE) MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY FOR USE IN THE TREATMENT OF WATER

PROJECT No: 202300175

NOTE: The quantities for the unit price items are unpredictable and the Authority has inserted certain quantities in the proposal to be used solely for purpose of comparison of bids. The Bidder will not be entitled to any adjustment in the unit price bid as a result of changes in any of these items ranging from zero to any quantity. The Bidder shall make no claims for anticipated profits, for loss of profits, or for other damages as the result of changes in the quantities purchased.

In case of discrepancy, written unit figures shall govern.

<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>COMPUTED TOTALS</u>
Item 1 For furnishing, delivering, and unloading, Freight prepaid, approximately 700 liquid tons of caustic soda containing 50% sodium hydroxide to the STURGEON POINT WATER TREATMENT PLANT, all in accordance with the specifications, for the unit price of: ** <u>One thousand four hundred thirty-six</u> Dollars and <u>zero</u> Cents ** (\$ 1,436.00 /Ton) per liquid ton (2,000 pounds) of fifty (50) percent sodium Hydroxide (NaOH)	700 Liquid Tons	** \$ <u>1,005,200.00</u> * Price is firm 9 months only! ** Price is for Full Truck Loads only!
Item 2 For furnishing, delivering, and unloading, Freight prepaid, approximately 200 liquid tons of caustic soda containing 50% sodium hydroxide to the JEROME D. VAN DE WATER WATER TREATMENT PLANT, all in accordance with the specifications, for the unit price of: ** <u>One thousand four hundred thirty-six</u> Dollars and <u>zero</u> Cents ** (\$ 1,436.00 /Ton) per liquid ton (2,000 pounds) of fifty (50) percent sodium Hydroxide (NaOH)	200 Liquid Tons	** \$ <u>287,200.00</u> * Price is firm 9 months only! ** Price is for Full Truck Loads only!

COMPUTED TOTAL FOR ITEM 1 AND ITEM 2:

One million ~~two~~ hundred ninety-two thousand four hundred Dollars

and zero Cents

*
** \$1,292,400.00
*Price is firm 9 months only!
**Price is for Full Truck Loads only!

NOTE: Bid results are available on the Erie County Water Authority website, www.ecwa.org (under Doing Business tab, select option Business Opportunities). No bid results will be given over the telephone.

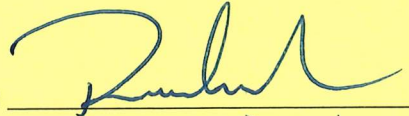
ATTENTION OF THE BIDDERS IS CALLED TO THE FOLLOWING:

SECTIONS 2875 & 2878 OF THE PUBLIC AUTHORITIES LAW REQUIRE A BIDDER'S CERTIFICATE OF NON-COLLUSION. SUCH CERTIFICATE IS PART OF THE BID OR PROPOSAL FORM, AND UNLESS COMPLIED WITH SUCH BID WILL NOT BE ACCEPTED.

Bidder certifies that he is not in arrears to the Erie County Water Authority or the County of Erie upon any debt or contract, nor is he a defaulter as surety or otherwise upon any obligation of the Erie County Water Authority or the County of Erie.

The Bidder agrees to supply all material/equipment/labor above-described at the above-quoted price and in accordance with all applicable Specifications.

NAME OF BIDDER: Alexander Chemical Corporation

AUTHORIZED SIGNATURE: 
Robert Davidson, CEO

DATE: September 21, 2023

INFORMATION REQUIRED FROM BIDDERS
AT TIME OF CANVASS OF BIDS

To facilitate correct drawing and execution of contract, bidder shall supply full information concerning legal status:

FIRM NAME Alexander Chemical Corporation

ADDRESS OF PRINCIPAL OFFICE: STREET 7593 S. First Road

CITY LaPorte

AREA CODE 800 PHONE 348-8827 STATE IN ZIP 46350

Check one: CORPORATION PARTNERSHIP INDIVIDUAL

INCORPORATED UNDER THE LAWS OF THE STATE OF Illinois

If foreign corporation, state if authorized to do business in the State of New York: N/A

YES NO

TRADE NAMES: N/A

ADDRESS OF LOCAL OFFICE: STREET 7593 S. First Road

CITY LaPorte

AREA CODE 800 PHONE 348-8827 STATE IN ZIP 46350

NAMES AND ADDRESSES OF PARTNERS:

N/A

IDENTIFICATION #: (COMPLETE ONE):

Federal Employer Identification Number: 36-3213468

Social Security Number: N/A

INFORMATION REQUIRED FROM BIDDERS
REGARDING PROPOSED CONTRACT DOCUMENTS

Question 1:

The BIDDER represents that it has reviewed the Proposed Contract Documents beginning at page AGT-1.

CHECK ONE:

- YES, BIDDER has reviewed the Proposed Contract Documents.
- NO, BIDDER has not reviewed the Proposed Contract Documents.

Failure to review the Proposed Contract Documents will result in the BIDDER being deemed NONRESPONSIVE by the Authority and therefore, ineligible to be awarded the Contract.

Question 2:

The BIDDER accepts the terms of the Proposed Contract Documents as drafted and agrees to execute the Contract as drafted if awarded the Bid.

CHECK ONE:

- YES, BIDDER accepts the Proposed Contract Documents.
- NO, BIDDER proposes the following amendment(s) to the Proposed Contract Documents:

Pricing is firm 9 months only!

Pricing is for Full Truck Loads only!

*Insert Additional Page(s) if necessary.

Question 3:

Is the proposed Amendment a Condition of the Bid Proposal? If the Authority rejects the proposed Amendment would the Bidder withdraw its Bid?

CHECK ONE:

YES, the Amendment is a Condition of the Bid Proposal.

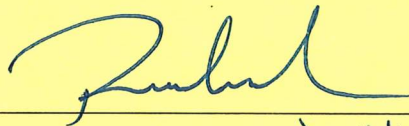
IF the Amendment is a Condition of the Bid Proposal and the Authority rejects the Amendment, the Authority will deem the Bid withdrawn and will proceed to award the Bid to the next lowest, responsible bidder.

NO, the BIDDER would like to negotiate the terms of the Amendment prior to the execution of the Contract.

Please Answer Question 3 for each proposed Amendment to the Proposed Contract Documents and insert additional pages if necessary to provide such answers.

NAME OF BIDDER: Alexander Chemical Corporation

AUTHORIZED SIGNATURE: _____



Robert Davidson, CEO

DATE: September 21, 2023

BID SECURITY FORM

BIDDER (Name and Address):

Alexander Chemical Corporation
7593 S. First Road
LaPorte, IN 46350

SURETY (Name and Address of Principal Place of Business):

Harco National Insurance Company
P.O. Box 10800
Raleigh, NC 27605

OWNER:

Erie County Water Authority
295 Main Street, Room 350
Buffalo, New York 14203

BID

BID DUE DATE: September 26, 2023

PROJECT:

Furnish and Deliver Caustic Soda (50% Solution of Sodium Hydroxide)
Membrane Grade, to the Erie County Water Authority for Use in the Treatment of
Water
Project No: 202300175

BOND

BOND NUMBER: N/A

DATE: (Not later than Bid due date): September 7th, 2023

PENAL SUM: Five Percent of the Amount Bid 5%
(Words) (Figures)

IN WITNESS WHEREOF, Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

Alexander Chemical Corporation (Seal)
Bidder's Name and Corporate Seal

By: [Signature]
Signature and Title: Robert Davidson, CEO

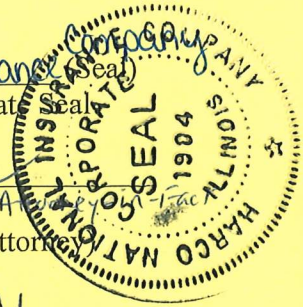
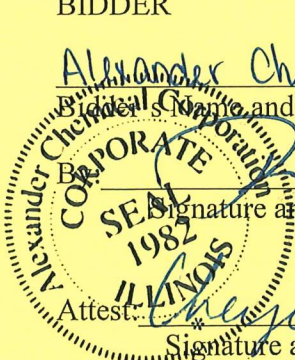
Attest: [Signature]
Signature and Title: Cherylene Haney, Bid Specialist

SURETY

Harco National Insurance Company (Seal)
Surety's Name and Corporate Seal

By: [Signature]
Signature and Title: Rachel Hore
(Attach Power of Attorney)

Attest: [Signature]



1.01 Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to OWNER upon default of Bidder the penal sum set forth on the face of this Bond.

2.01 Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by OWNER) the executed Agreement required by the Bidding Documents and any performance and payment Bonds required by the Bidding Documents.

3.01 This obligation shall be null and void if:

- A. OWNER accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by OWNER) the executed Agreement required by the Bidding Documents and any performance and payment Bonds required by the Bidding Documents, or
- B. All Bids are rejected by OWNER, or
- C. OWNER fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by paragraph 5.01 hereof).

4.01 Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from OWNER, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.

5.01 Surety waives notice of and any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by OWNER and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.

6.01 No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in paragraph 4.01 above is received by Bidder and Surety and in no case later than one year after Bid due date.

7.01 Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.

8.01 Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.

9.01 Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent or representative, who executed this Bond on behalf of Surety to execute, seal and deliver such Bond and bind the Surety thereby.

10.01 This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

11.01 The term "Bid" as used herein includes a Bid, offer or proposal as applicable.

CORPORATE ACKNOWLEDGEMENT

STATE OF INDIANA
COUNTY OF LAPORTE

On this 21st day of September, 2023 before me personally appeared Robert Davidson to me known, who being by me duly sworn, did affirm that he/she resides in Lake County that he/she is the CEO of Alexander Chemical Corporation, the corporation described in and which executed the above instruments; that the seal affixed to said instrument is the corporate seal; that it was so affixed by order of the Board of Directors of said corporation, and that he/she signed his/her name thereto by like order.

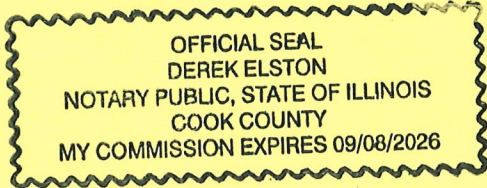
Kathryn A Schoonaert
NOTARY PUBLIC



ACKNOWLEDGEMENT OF SURETY

STATE OF IL
COUNTY OF Cook

On this 7th day of September, 2023 before me personally came Rachel Fore to me known, who being by me duly sworn, did depose and say; that he/she resides in Chicago, IL; that he/she is the ATTORNEY-IN -FACT of Harco National Insurance Company the above signed Surety, the corporation described in and which executed the within instrument; the he/she knows the corporate seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed to said instrument by order of the Board of Directors of said corporation; and that he signed his name thereto by like order.



Derek Elston
NOTARY PUBLIC

END OF BID BOND

POWER OF ATTORNEY
HARCO NATIONAL INSURANCE COMPANY
INTERNATIONAL FIDELITY INSURANCE COMPANY

Bond # N/A

Member companies of IAT Insurance Group, Headquartered: 4200 Six Forks Rd, Suite 1400, Raleigh, NC 27609

KNOW ALL MEN BY THESE PRESENTS: That **HARCO NATIONAL INSURANCE COMPANY**, a corporation organized and existing under the laws of the State of Illinois, and **INTERNATIONAL FIDELITY INSURANCE COMPANY**, a corporation organized and existing under the laws of the State of New Jersey, and having their principal offices located respectively in the cities of Rolling Meadows, Illinois and Newark, New Jersey, do hereby constitute and appoint

DEREK J. ELSTON, BARTLOMIEJ SIEPIERSKI, AERIE WALTON, RACHEL FORE, CHRISTOPHER P. TROHA

Chicago, IL

their true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY**, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by their regularly elected officers at their principal offices.

This Power of Attorney is executed, and may be revoked, pursuant to and by authority of the By-Laws of **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY** and is granted under and by authority of the following resolution adopted by the Board of Directors of **INTERNATIONAL FIDELITY INSURANCE COMPANY** at a meeting duly held on the 13th day of December, 2018 and by the Board of Directors of **HARCO NATIONAL INSURANCE COMPANY** at a meeting held on the 13th day of December, 2018.

"RESOLVED, that (1) the Chief Executive Officer, President, Executive Vice President, Senior Vice President, Vice President, or Secretary of the Corporation shall have the power to appoint, and to revoke the appointments of, Attorneys-in-Fact or agents with power and authority as defined or limited in their respective powers of attorney, and to execute on behalf of the Corporation and affix the Corporation's seal thereto, bonds, undertakings, recognizances, contracts of indemnity and other written obligations in the nature thereof or related thereto; and (2) any such Officers of the Corporation may appoint and revoke the appointments of joint-control custodians, agents for acceptance of process, and Attorneys-in-fact with authority to execute waivers and consents on behalf of the Corporation; and (3) the signature of any such Officer of the Corporation and the Corporation's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seals when so used whether heretofore or hereafter, being hereby adopted by the Corporation as the original signature of such officer and the original seal of the Corporation, to be valid and binding upon the Corporation with the same force and effect as though manually affixed."

IN WITNESS WHEREOF, **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY** have each executed and attested these presents on this 31st day of December, 2022



STATE OF NEW JERSEY
County of Essex

Kenneth Chapman

Executive Vice President, Harco National Insurance Company
and International Fidelity Insurance Company

STATE OF ILLINOIS
County of Cook



On this 31st day of December, 2022, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said he is the therein described and authorized officer of **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY**; that the seals affixed to said instrument are the Corporate Seals of said Companies; that the said Corporate Seals and his signature were duly affixed by order of the Boards of Directors of said Companies.



IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my Official Seal, at the City of Newark, New Jersey the day and year first above written.

Shirelle A. Outley a Notary Public of New Jersey
My Commission Expires April 4, 2023

CERTIFICATION

I, the undersigned officer of **HARCO NATIONAL INSURANCE COMPANY** and **INTERNATIONAL FIDELITY INSURANCE COMPANY** do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Sections of the By-Laws of said Companies as set forth in said Power of Attorney, with the originals on file in the home office of said companies, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this day, September 07, 2023



Irene Martins, Assistant Secretary

HARCO NATIONAL INSURANCE COMPANY

1701 GOLF ROAD, SUITE 1-600, ROLLING MEADOWS, IL 60008

STATEMENT OF ASSETS, LIABILITIES, SURPLUS AND OTHER FUNDS AT DECEMBER 31, 2022

ASSETS

Bonds (Amortized Value)	\$102,874,915
Stocks (Preferred Stocks)	4,295,218
Stocks (Common Stocks)	814,084,691
Cash, Bank Deposits & Short-Term Investments	60,471,579
Other Invested Assets	8,819,426
Unpaid Premiums & Assumed Balances	137,085,120
Deferred Premiums, Agents Balances & Installments booked	13,474,014
Reinsurance Recoverable from Reinsurers	199,602,884
Reinsurance - Funds Held by or deposited with reinsured companies	11,122,630
Current Federal & Foreign Income Tax Recoverable & Interest	970,150
Investment Income Due and Accrued	1,568,572
Receivables from Parent Subsidiaries & Affiliates	14,533,189
Other Assets	1,834,611
TOTAL ASSETS	<u>\$1,370,736,999</u>

LIABILITIES, SURPLUS & OTHER FUNDS

Losses (Reported Losses Net as to Reinsurance Ceded and Incurred But Not Reported Losses)	\$193,234,836
Reinsurance payable on paid losses & loss adjustment expense	19,375,741
Loss Adjustment Expenses	41,894,027
Commissions Payable, Contingent Commissions & Other Similar Charges	6,862,698
Other Expenses (Excluding Taxes, Licenses and Fees)	55,455
Taxes, Licenses & Fees (Excluding Federal Income Tax)	2,087,610
Current federal and foreign income taxes	0
Net Deferred Tax Liability	5,825,659
Unearned Premiums	145,821,961
Advance Premium	570,389
Ceded Reinsurance Premiums Payable	143,069,103
Funds held by Company under reinsurance treaties	14,995,636
Amounts Withheld by Company for Account of Others	50,882,329
Payable to Parent Subsidiaries & Affiliates	4,127,577
Other Liabilities	5,058,571
TOTAL LIABILITIES	<u>\$633,861,592</u>
Common Capital Stock	\$3,500,004
Gross Paid-in & Contributed Surplus	670,781,834
Unassigned Funds (Surplus)	62,593,569
Surplus as Regards Policyholders	<u>\$736,875,407</u>
TOTAL LIABILITIES, SURPLUS & OTHER FUNDS	<u>\$1,370,736,999</u>

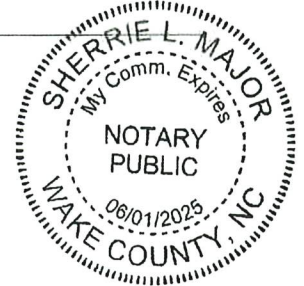
I, John Mruk, Treasurer of HARCO NATIONAL INSURANCE COMPANY, certify that the foregoing is a fair statement of Assets, Liabilities, Surplus and Other Funds of this Company, at the close of business, December 31, 2022, as reflected by its books and records and as reported in its statement on file with the Insurance Department of the State of Illinois.

IN TESTIMONY WHEREOF, I have set my hand and affixed the seal of the Company, this 21st day of March, 2023.
HARCO NATIONAL INSURANCE COMPANY

J. M. Mruk

SIGNED AND SWORN to before me on this 21st day of March, 2023.

Sherrie L. Major
NOTARY PUBLIC, STATE OF North Carolina



NON-COLLUSIVE BIDDING CERTIFICATION

as mandated by Public Authority Law § 2878

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of his knowledge and belief:

- (1) The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
- (2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
- (3) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

NOTICE

(Penal Law § 210.45)

IT IS A CRIME, PUNISHABLE AS A CLASS A MISDEMEANOR UNDER THE LAWS OF THE STATE OF NEW YORK, FOR A PERSON, IN AND BY A WRITTEN INSTRUMENT, TO KNOWINGLY MAKE A FALSE STATEMENT, OR TO MAKE A FALSE STATEMENT, OR TO MAKE A STATEMENT WHICH SUCH PERSON DOES NOT BELIEVE TO BE TRUE.

BID NOT ACCEPTABLE WITHOUT FOLLOWING CERTIFICATION:

Affirmed under penalty of perjury this 21st day September, 2023

TERMS Net 30 DELIVERY DATE AT DESTINATION 7-10 business days

FIRM NAME Alexander Chemical Corporation

ADDRESS 7593, S. First Road, LaPorte, IN 46350

ZIP 46350

AUTHORIZED SIGNATURE  Robert Davidson, CEO

TYPED NAME OF AUTHORIZED SIGNATURE Robert Davidson

TITLE CEO TELEPHONE No. (800) 348-8827

SECTION 2875 OF THE PUBLIC AUTHORITIES LAW

§2875. GROUND FOR CANCELLATION OF CONTRACT BY PUBLIC AUTHORITY.

A clause shall be inserted in all specifications or contracts hereafter made or awarded by any public authority or by any official of any public authority created by the state or any political subdivision, for work or services performed or to be performed or goods sold or to be sold, to provide that upon the refusal of a person, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath, to testify in an investigation concerning any transaction or contract had with the state, any political subdivision thereof or of a public authority, to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning such transaction or contract.

- (a) Such person, and any firm, partnership, or corporation of which he is a member, partner, director, or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any public authority or official thereof, for goods, work or services, for a period of five years after such refusal, and to provide also that
- (b) any and all contracts made with any public authority or official thereof, since the effective date of this law, by such person and by any firm, partnership, or corporation of which he is a member, partner, director or officer may be canceled or terminated by the public authority without incurring any penalty or damages on account of such cancellation or termination, but any monies owing by the public authority for goods delivered or work done prior to the cancellation termination shall be paid.

This is to CERTIFY that neither the undersigned nor any member, partner, director, or officer of the firm has refused to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning a transaction or contract with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath.



Alexander Chemical Corporation
(Name of Individual, Partnership or Corporation)
By [Signature]
(Person authorized to sign) : Robert Davidson, CEO
(SEAL)

SECTION 2876 OF THE PUBLIC AUTHORITIES LAW

§2876. DISQUALIFICATION TO CONTRACT WITH PUBLIC AUTHORITY

Any person who, when called before a grand jury, head of a state department, temporary state commission or other state agency, the organized crime task force in the department of law, head of a city department or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath to testify in an investigation concerning any transaction or contract had with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, refuses to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant questions concerning such transaction or contract, and any firm, partnership or corporation of which he is a member, partner, director or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any public authority or any official of any public authority created by the state or any political subdivision, for goods, work or services, for a period of five years after such refusal or until a disqualification shall be removed pursuant to the provisions of section twenty-six hundred three of this article.

It shall be the duty of the officer conducting the investigation before the grand jury, the head of a state department, the chairman of the temporary state commission or other state agency, the organized crime task force in the department of law, the head of a city department or other city agency before which the refusal occurs to send notice of such refusal, together with the names of any firm, partnership or corporation of which the person so refusing is known to be a member, partner, officer or director, to the commissioner of transportation of the state of New York, or the commissioner of general services as the case may be, and the appropriate departments, agencies and officials of the state, political subdivisions thereof or public authorities with whom the persons so refusing and any firm, partnership or corporation of which he is a member, partner, director or officer, is known to have a contract. However, when such refusal occurs before a body other than a grand jury, notice of refusal shall not be sent for a period of ten days after such refusal occurs. Prior to the expiration of this ten day period, any person, firm, partnership or corporation which has become liable to the cancellation or termination of a contract or disqualification to contract on account of such refusal may commence a special proceeding at a special term of the supreme court, held within the judicial district in which the refusal occurred, for an order determining whether the questions in response to which the refusal occurred were relevant and material to the inquiry. Upon the commencement of such proceeding, the sending of such notice of refusal to answer shall be subject to order of the court in which the proceeding was brought in a manner and on such terms as the court may deem just. If a proceeding is not brought within ten days, notice of refusal shall thereupon be sent as provided herein.

This is to CERTIFY that neither the undersigned nor any member, partner, director, or officer of the firm has refused to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning a transaction or contract with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath.



(SEAL)

Alexander Chemical Corporation
(Name of Individual, Partnership or Corporation)

By _____
(Person authorized to sign): Robert Davidson, CEO

FORMS A, B, and C

STATE FINANCE LAW REQUIREMENTS

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). When the Authority seeks to procure goods or services by means of an Invitation or Notice to Bid, or a Request for Proposals, the State Finance Law imposes certain restrictions on anyone who may wish to offer goods or services to the Authority as an Offerer, as that term is defined in §§ 139-j(1)(h) and 139-k(1)(h).

During the Restricted Period, as defined in §§ 139-j(1)(f) and 139-k(1)(f), when bids or proposals are being solicited, the Authority will designate a contact person with whom the Offerer may contact for information and other authorized purposes as set forth in §139-j of the State Finance Law. The designated contact is identified in the Notice to Bidders, or in the Request for Proposal. An Offerer is authorized to contact the Authority's designated contact for such purposes set forth in § 139-j(3).

Pursuant to the State Finance Law, the Authority is also required to make certain findings before making any determinations as to the qualifications and eligibility of those seeking a procurement contract, as that term is defined in State Finance Law §§ 139-j(1)(g) and 139-k(1)(g). Certain findings of non-responsibility can result in rejection for contract award and in the event of two findings of non-responsibility occurring within a 4-year period, the Offerer will be debarred from obtaining procurement contracts with the Authority. Further information about these requirements can be found in §§139-j and 139-k of the New York State Finance Law and the Erie County Water Authority's Procurement Disclosure Policy.

The following forms will be used by the Authority to make such findings:

Form A - Offerer's Affirmation of Understanding of, and Agreement to Comply with, the Authority's Permissible Contact Requirement During the Restricted Period.

Form B - Offerer's Certification of Compliance with State Finance Law.

Form C - Offerer's Disclosure of Prior Non-Responsibility Determinations.


FORM A

**Offerer's Affirmation of Understanding of, and Agreement to Comply
with, the Permissible Contact Requirements During the Restricted Period**

Instructions:

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). The Authority must obtain a written affirmation of understanding and agreement to comply with procedures regarding permissible contacts with the Authority in the restricted period for a procurement contract in accordance with State Finance Law §139-j and §139-k. It is required that this affirmation be obtained as early as possible in the procurement process, but no later than when the Offerer submits its proposal.

Offerer affirms that it understands and agrees to comply with the procedures of the Authority relative to permissible contacts as required by State Finance Law §139-j(3) and §139-j(6)(b).

By:  Date: September 21, 2023

Name: Robert Davidson

Title: CEO

Supplier Name: Alexander Chemical Corporation

Address: 7593 S. First Road

LaPorte, IN 46350

FORM B

**Offerer's Certification of Compliance
With State Finance Law §139-k(5)**

Instructions:

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). The Authority must obtain a Certification that the information submitted for a procurement contract is complete, true, and accurate regarding any prior findings of non-responsibility, such as non-responsibility pursuant to State Finance Law §139-j. The Offerer must agree to sign the Certification, under penalty of perjury, and to provide the Certification to the Authority. The Certification should be obtained as early as possible in the process, but no later than when an Offerer submits its proposal.

Offerer Certification:

I certify that all information provided to the Authority relating to the awarding of a procurement contract is complete, true, and accurate.

By:  _____ Date: September 21, 2023

Name: Robert Davidson _____

Title: CEO _____

Supplier Name: Alexander Chemical Corporation _____

Supplier Address: 7593 S. First Road _____
LaPorte, IN 46350 _____

FORM C**Offerer's Disclosure of Prior
Non-Responsibility Determinations****Background:**

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). New York State Finance Law §139-k(2) obligates the Authority to obtain specific information regarding prior non-responsibility determinations with respect to State Finance Law §139-j. In accordance with State Finance Law §139-k, an Offerer must be asked to disclose whether there has been a finding of non-responsibility made within the previous four (4) years by any Governmental Entity due to: (a) a violation of State Finance Law §139-j; or (b) the intentional provision of false or incomplete information to a Government Entity.

The terms "Offerer" and "Governmental Entity" are defined in State Finance Law §§139-j(1) and §139-k(1). These sections also set forth detailed requirements about the restrictions on contacts during the procurement process. A violation of State Finance Law §139-j includes, but is not limited to, an impermissible contact during the restricted period (for example, contacting a person or entity other than the designated contact person, when such contact does not fall within one of the exemptions).

As part of its responsibility determination, State Finance Law §139-k(3) mandates consideration of whether an Offerer fails to timely disclose accurate or complete information regarding the above non-responsibility determination. In accordance with law, no Procurement Contract shall be awarded to any Offerer that fails to timely disclose accurate or complete information under this section, unless a finding is made that the award of the Procurement Contract to the Offerer is necessary to protect public property or public health safety, and the Offerer is the only source capable of supplying the required Article of Procurement, as that term is defined in State Finance Law §§ 139-j(1)(b) and 139-k(1)(b), within the necessary timeframe. See State Finance Law §139-j(10)(b) and §139-k(3).

Instructions:

The Authority must include a disclosure request regarding prior non-responsibility determinations in accordance with State Finance Law §139-k in its solicitation of proposals or bid documents or specifications or contract documents, as applicable, for procurement contracts. The attached form is to be completed and submitted by the individual or entity seeking to enter into a Procurement Contract. It shall be submitted to the Authority no later than when the Offerer submits its proposal.

FORM C (Continued)

Offerer's Disclosure of Prior Non-Responsibility Determinations

Name of Individual or Entity Seeking to Enter into the Procurement Contract:

Alexander Chemical Corporation

Address: 7593 S. First Road

LaPorte, IN 46350

Name and Title of Person Submitting this Form: Robert Davidson, CEO

Contract Procurement Number: Project No: 202300175

Date: September 21, 2023

1. Has any Governmental Entity made a finding of non-responsibility regarding the individual or entity seeking to enter into the Procurement Contract in the previous four years? (Please circle): No Yes

If yes, please answer the next questions:

2. Was the basis for the finding of non-responsibility due to a violation of State Finance Law §139-j (Please circle): No Yes

3. Was the basis for the finding of non-responsibility due to the intentional provision of false or incomplete information to a Governmental Entity? (Please circle) No Yes

4. If you answered yes to any of the above questions, please provide details regarding the finding of non-responsibility below.

Governmental Entity: _____

Date of Finding of Non-Responsibility: _____

Basis of Finding of Non-Responsibility: _____

(Add additional pages as necessary)

FORM C (Continued)

5. Has any Governmental Entity or other governmental agency terminated or withheld a Procurement Contract with the above-named individual or entity due to the intentional provision of false or incomplete information? (Please circle): No Yes

6. If yes, please provide details below.

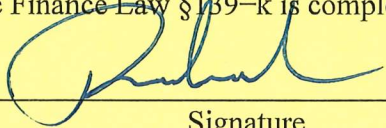
Governmental Entity: _____

Date of Termination or Withholding of Contract: _____

Basis of Termination or Withholding:

(Add additional pages as necessary)

Offerer certifies that all information provided to the Erie County Water Authority with respect to State Finance Law §139-k is complete, true, and accurate.

By: 
Signature

Date: September 21, 2023

Name: Robert Davidson

Title: CEO

Contract Termination Provision

Instructions:

A Contract Termination Provision will be included in each procurement contract governed by State Finance Law §139-k. New York State Finance Law §139-k(5) provides that every procurement contract award subject to the provisions of State Finance Law §§139-k and 139-j shall contain a provision authorizing the governmental entity to terminate the contract in the event that the certification is found to be intentionally false or intentionally incomplete. This statutory contract language authorizes, but does not mandate, termination. “Government Entity” and “procurement contract” are defined in State Finance Law §§ 139 j(1) and 139-k(1).

This required clause will be included in a covered procurement contract.

A sample of the Termination Provision is included below. If a contract is terminated in accordance with State Finance Law §139-k(5), the Erie County Water Authority (the “Authority”), as a governmental entity, is required to include a statement in the procurement record describing the basis for any action taken under the termination provision.

Sample Contract Termination Provision

The Erie County Water Authority (the “Authority”), as a governmental entity, reserves the right to terminate this contract in the event it is found that the certification filed by the Offerer in accordance with New York State Finance Law §139-k was intentionally false or intentionally incomplete. Upon such finding, the Authority may exercise its termination right by providing written notification to the Offerer in accordance with the written notification terms of this contract.

**OFFERER'S STATEMENT REGARDING PREVENTION OF
UNLAWFUL DISCRIMINATORY PRACTICES**

The Erie County Water Authority (the "Authority"), as an employer in New York State, is subject to the Human Rights Law, codified as Executive Law §290, *et. seq.*, and Labor Law §201-g. The Authority seeks to provide a work environment that is free from unlawful discriminatory practices as they are defined in Executive Law §296, as well as from inappropriate harassing conduct even if not deemed unlawful, to its employees, contractors, subcontractors, vendors, consultants, and any other person providing services on Authority premises. Pursuant to the Human Rights Law, it shall be unlawful to discriminate against an individual, or to subject an individual to harassment, due to age, race, creed, color, national origin, sexual orientation, gender identity or expression, military status, sex, disability, predisposing genetic characteristics, familial status, marital status, or status as a victim of domestic violence. Accordingly, the Authority requires that any Offeror of a proposal or bid, agree to sign the following statement regarding unlawful discriminatory practices, including, but not limited to sexual harassment, under penalty of perjury. This statement should be provided to the Authority as early as possible in the procurement process, but not later than at the time of execution of a contract with the Authority. Failure to agree to sign the statement may result in the Authority deeming the bid or proposal withdrawn by the Offeror.

Offerer Statement:

I certify, under penalty of perjury, that the following statements are accurate:

- *Offerer is aware of its obligations under the Human Rights Law (Executive Law §290, et. seq.)*
- *Offerer complies with the provisions of Executive Law §290, et. seq., including Executive Law §296, and does not permit unlawful discriminatory practices or harassment based on an individual's age, race, creed, color, national origin, sexual orientation, gender identity or expression, military status, sex, disability, predisposing genetic characteristics, familial status, marital status, or status as a victim of domestic violence in its workplace.*
- *Offerer complies with the provisions of Labor Law §201-g, has implemented a written policy addressing sexual harassment in the workplace which meets the minimum standards of Labor Law §201-g, and provides annual sexual harassment prevention training to all of its employees.*

By: _____ Date: September 21, 2023

Name: Robert Davidson

Title: CEO

Offerer Name: Alexander Chemical Corporation

Offerer Address: 7593 S. First Road

LaPorte, IN 46350



I, Amy Berggren, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of Carus Group Inc., a Delaware corporation, and as such have custody of the corporate records and seal.

I hereby further certify that the following resolutions were duly adopted by Unanimous Consent of the Board of Directors of Carus Group Inc. effective 1 January 2019 as of the date below pertaining to persons authorized to act for Carus Group Inc. and its member companies.

WHEREAS, the Board desires to grant to certain Carus Group officers specific spending authority necessary to the day-to-day performance of their respective functions;

IT IS FURTHER RESOLVED, that the Board hereby approves, for the purpose of signing sales contracts, municipal bids, purchase requisitions, capital expenditures, raw material supply contracts, and other day-to-day contracts and obligations of the Company, the officer spending authorizations included in the document titled "CARUS GROUP INC. AUTHORIZATION LEVELS – 1 January 2019," attached hereto as Exhibit 2.

In witness whereof I have hereunto set my hand and affixed the seal of the corporation on this 21st day of September 2023.

Amy Berggren
Asst. Secretary

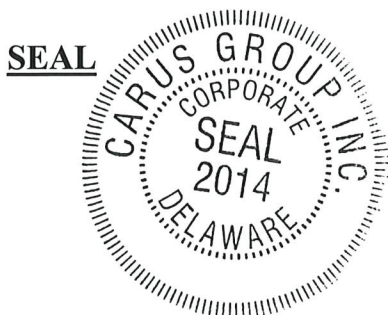


EXHIBIT 2
CARUS GROUP INC.
AUTHORIZATION LEVELS – 1 JANUARY 2019 ***

<u>TITLE</u>	<u>REVENUE CONTRACTS**</u>
Chairman	\$5,000,000
Chief Executive Officer & President *	\$5,000,000
Vice President, CFO *	\$3,000,000
Vice President, Operations	-
Global VP, Sales & Mktg., Europe	\$1,500,000
Vice Pres., Sec. & General Counsel	-
VP, Human Resources	-
VP, Corporate Development	-
VP, Finance	-
Director, Global Strategic Sourcing	-
Supply Chain Manager - EAME	-
M. Blouke Carus Fellow, VP Carus Tech	-
Plant Manager	
Business Development Director	-
Director of Finance/IT	-
Director of Sales	\$1,000,000
Global Product Manager	\$ 500,000
Director of Marketing/EHSS	-
Bid Channel Manager	\$ 200,000

NOTES:

***ANY COMMITMENT FOR THE PURCHASE OR LEASE OF GOODS OR SERVICES IN EXCESS OF A 12-MONTH PERIOD MUST BE APPROVED BY THE CHIEF EXECUTIVE OFFICER & PRESIDENT OR CFO OF CARUS GROUP INC.**

****ANY CONTRACT OR BID THAT IS EFFECTIVE FOR LONGER THAN ONE YEAR, REGARDLESS OF REVENUE VOLUME, REQUIRES THE SIGNATURE OF THE CHIEF EXECUTIVE OFFICER & PRESIDENT OR CFO OF CARUS GROUP INC.**

ANY CONTRACT OR BID THAT IS EFFECTIVE FOR MORE THAN ONE YEAR IS SUBJECT TO AN ANNUAL PRICE REVIEW, REGARDLESS OF ESCALATION CLAUSES.

*****THE APPROVALS AUTHORIZED HEREIN SHALL APPLY WITH EQUAL EFFECT TO ALL MEMBER COMPANIES OF CARUS GROUP INC., (i.e., CARUS CORPORATION, CARUS CHEMICAL COMPANY, CARUS EUROPE, CIRCLE TRANSPORT INC., ALEXANDER CHEMICAL CORPORATION).**



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
06/30/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Central, Inc. Chicago IL Office 200 East Randolph Chicago IL 60601 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105		
	E-MAIL ADDRESS:		
INSURED Alexander Chemical Corp. 7593 S. First Road LaPorte IN 46350 USA	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Allied World Assurance Company (US) Inc		19489
	INSURER B: National Union Fire Ins Co of Pittsburgh		19445
	INSURER C: Commerce & Industry Ins Co		19410
	INSURER D: Everest Indemnity Insurance Company		10851
	INSURER E:		
INSURER F:			

COVERAGES **CERTIFICATE NUMBER: 570100484021** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GL4611644	07/01/2023	07/01/2024	EACH OCCURRENCE	\$5,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
							MED EXP (Any one person)	\$10,000
							PERSONAL & ADV INJURY	\$5,000,000
							GENERAL AGGREGATE	\$5,000,000
							PRODUCTS - COMP/OP AGG	\$5,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			CA 7742278	07/01/2023	07/01/2024	COMBINED SINGLE LIMIT (Ea accident)	\$5,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
							Comp & Coll Ded	\$1,000
D	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION			EF4CU01720231	07/01/2023	07/01/2024	EACH OCCURRENCE	\$5,000,000
							AGGREGATE	\$5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N N/A			WC014590635 (AOS)	07/01/2023	07/01/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	\$1,000,000 \$1,000,000 \$1,000,000
A	Contractors Pollution Liability			03115086 Claims Made Pollution	09/01/2021	09/01/2024	Aggregate Limit Per Occurrence Limi	\$15,000,000 \$15,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER Alexander Chemical Corporation 7593 S First Road Kingsbury Industrial Park LaPorte IN 46350 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Central, Inc.</i>
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Holder Identifier :

Certificate No : 570100484021

ALEXANDER

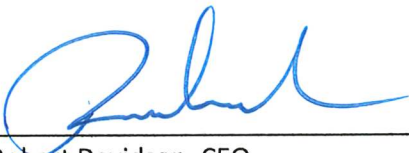
ALEXANDER CHEMICAL CORPORATION

ALEXANDER CHEMICAL CORPORATION PRODUCT WARRANTY STATEMENT

NO MATERIAL SHALL BE RETURNED WITHOUT PRIOR WRITTEN INSTRUCTIONS FROM ALEXANDER CHEMICAL CORPORATION'S CUSTOMER SERVICE DEPARTMENT.

We hereby certify that these goods were produced in compliance with all applicable requirements of Section 6, 7, and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor under Section 14 thereof and to meet specifications.

Alexander Chemical Corporation warrants that products delivered meets our standard specification for the material. If product is not compliant within manufacturers' specifications, product will be replaced. It is the responsibility of the buyer to ensure that product storage and handling is in compliance with product specification sheets.



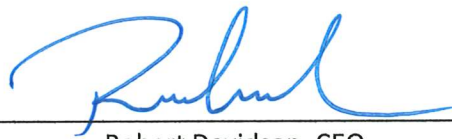
Robert Davidson, CEO

ALEXANDER

ALEXANDER CHEMICAL CORPORATION

AFFIDAVIT OF COMPLIANCE

Sodium Hydroxide is purchased, packaged and delivered by Alexander Chemical Corporation and is certified by the National Sanitation Foundation (NSF) to ANSI/NSF Standard 60: Drinking Water Treatment Chemicals-Health Effects and conforms to the latest AWWA Standards.



Robert Davidson, CEO

ALEXANDER

ALEXANDER CHEMICAL CORPORATION

7593 S. First Road
La Porte, IN 46350
219/393-5558

CERTIFICATE OF CONFORMANCE

Product: Sodium Hydroxide 50% Liquid (Membrane Cell) or (Caustic Soda)

Customer: _____

Purchase Order #: _____ **Sales Order #:** _____

Lot #: _____ **Shipment Date:** _____

Analysis

Sodium Hydroxide, %: 49.5 - 51.0

Sodium Oxide, %: 38.00 - 40.00

Sodium Chloride, %: < 0.01

Iron, ppm: < 5.00

Specific Gravity @ 20°C, g/mL: 1.524 -1.535



Certified to
NSF/ANSI/CAN 60

MUL: 100 mg/L

This document was produced electronically and no signature is required.

Chemical Properties:

Chemical Formula	NaOH
Sodium Hydroxide, %	49.00-51.00
Sodium Carbonate, %	≤0.05
Sodium Sulfate, %	≤0.003
Copper, ppm	≤0.30
Nickel, ppm	≤0.30
Sodium Oxide, %	38.00-40.00
Sodium Chloride, %	≤0.01
Sodium Chlorate, %	≤0.0005
Iron, ppm	≤5.00

Physical Properties:

Boiling point:	291 °F
Freezing point:	54 °F
Specific Gravity, g/mL:	1.53 @ 60 °F
Solubility:	Water miscible

Distributed by:

Alexander Chemical Corporation
7593 South First Road
La Porte, Indiana 46350
800-348-8827



Certified to
NSF/ANSI 60

Maximum Usage
Level: 100mg/L

1. Identification

Product identifier	Caustic soda - Sodium hydroxide (20-50%)
Other means of identification	Not available.
Recommended use	Caustic soda - Sodium hydroxide is a strong neutralizing agent and a chemical base used in chemical manufacturing.
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
Company name	Alexander Chemical Corp.
Address	7593 S. First Road, Kingsbury Industrial Park Kingsbury, IN
Telephone	(219) 393-5558
Toll Free	(800) 348-8827
Fax	(219) 393-1757
E-mail	qc@alexchem.com
Website	www.AlexanderChemical.com
Telephone	(800) 348-8827 -
Contact person	Keith Bonner Spill, leak, fire, exposure or accident, call CHEMTREC at CHEMTREC®, USA: 001 (800) 424-9300 CHEMTREC®, Mexico (Toll-Free - must be dialed from within country): 001-800-13-203-9987 CHEMTREC®, Other countries: 001 (703) 527-388
Emergency telephone number	

2. Hazard(s) identification

Physical hazards	Corrosive to metals	Category 1
Health hazards	Skin corrosion/irritation	Category 1A
	Serious eye damage/eye irritation	Category 1
OSHA defined hazards	Not classified.	
Label elements		



Signal word	Danger
Hazard statement	May be corrosive to metals. Causes severe skin burns and eye damage.
Precautionary statement	Do not breathe mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Keep only in original container.
Prevention	

Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Absorb spillage to prevent material damage.
Storage	Store locked up. Store in corrosive resistant container with a resistant inner liner.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

3. Composition/information on ingredients

Substances

Chemical name	Common name and synonyms	CAS number	%
Sodium hydroxide		1310-73-2	16-50

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms occur.
Skin contact	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Chemical burns must be treated by a physician.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Hold eyelids apart. Continue rinsing. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Obtain medical attention and take along these instructions.
Most important symptoms/effects, acute and delayed	Corrosive. Prolonged contact causes serious eye and tissue damage. Contact can cause corrosive burns, corneal damage, and blindness. Causes permanent skin damage (scarring). May cause burns in mucous membranes, throat, esophagus and stomach.
Indication of immediate medical attention and special treatment needed	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately. In case of shortness of breath, give oxygen. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

5. Fire-fighting measures

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus. Structural firefighters protective clothing will only provide limited protection.
Fire-fighting equipment/instructions	Use standard firefighting procedures and consider the hazards of other involved materials. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.
Specific methods	Use water spray to cool unopened containers.
General fire hazards	The product is non-combustible. Contact with certain metals liberates flammable gas. Contact with moisture or water may generate sufficient heat to ignite nearby combustible materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

DO NOT touch spilled material. Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Stay upwind. Keep out of low areas. Ensure adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapor. Use personal protection recommended in Section 8 of the SDS.

Methods and materials for containment and cleaning up

Should not be released into the environment.

Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Absorb spill with vermiculite or other inert material. Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.

Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS. Containers must be labeled.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

7. Handling and storage

Precautions for safe handling

Handle and open container with care. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing mist or vapor. Wash thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep in a well-ventilated place. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep this material away from food, drink and animal feed. Use care in handling/storage. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	PEL	2 mg/m ³

US. ACGIH Threshold Limit Values

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m ³

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Sodium hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m ³

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety glasses or goggles.

Skin protection

Hand protection

Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate chemical resistant clothing. Protective shoes or boots. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. Wear chemical protective equipment that is specifically recommended by the Personal Protective Equipment manufacturer.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove and isolate contaminated clothing and shoes. Handle in accordance with good industrial hygiene and safety practice. Launder contaminated clothing before reuse.

9. Physical and chemical properties

Appearance	Clear to slightly turbid liquid.
Physical state	Liquid.
Form	Liquid.
Color	Clear to slightly turbid.
Odor	None.
Odor threshold	Not available.
pH	14
Melting point/freezing point	-14°F(10%sol'n) 34°F (30% sol'n) 54°F (50% sol'n)
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not applicable.
Flammability limit - upper (%)	Not applicable.
Vapor pressure	13 - 110 mm Hg at 100 °F / 37 °C
Vapor density	Not applicable.
Relative density	1.11 - 1.5 ± 0.03
Relative density temperature	77 °F (25 °C)
Partition coefficient (n-octanol/water)	No data available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not applicable.
Other information	
VOC (Weight %)	Not applicable.

10. Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport. Sodium hydroxide rapidly absorbs carbon dioxide from air forming sodium carbonate. Water, when added to sodium hydroxide solutions may cause localized overheating and possible splattering. Never add water to caustic solution. Add sodium hydroxide to water slowly and in small amounts. Generates considerable heat when a sodium hydroxide solution is mixed with an acid. Corrosive to aluminium, zinc and tin liberating flammable hydrogen gas.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Water, moisture.
Incompatible materials	Water. Acids. Oxidizers. Halogens. Aluminum powder. Organic compounds. Metals.
Hazardous decomposition products	Sodium oxides.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Causes digestive tract burns.
Inhalation	Causes severe respiratory tract irritation.
Skin contact	Causes severe skin burns.
Eye contact	Causes severe eye burns.

Symptoms related to the physical, chemical and toxicological characteristics Corrosive. Prolonged contact causes serious eye and tissue damage. Contact can cause corrosive burns, corneal damage, and blindness. Causes permanent skin damage (scarring). May cause burns in mucous membranes, throat, esophagus and stomach.

Information on toxicological effects

Acute toxicity	Strongly corrosive.
Skin corrosion/irritation	Causes severe skin burns.
Serious eye damage/eye irritation	Causes severe eye damage.

Respiratory or skin sensitization

Respiratory sensitization	No data available.
Skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	No data available.
Aspiration hazard	No data available.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Sodium hydroxide (CAS 1310-73-2)		
Aquatic		
Crustacea	EC50	Water flea (<i>Ceriodaphnia dubia</i>) 34.59 - 47.13 mg/l, 48 hours
Fish	LC50	Bluegill (<i>Lepomis macrochirus</i>) 99 mg/l, 48 hours
		Western mosquitofish (<i>Gambusia affinis</i>) 125 mg/l, 96 hours
Persistence and degradability	No data available.	
Bioaccumulative potential	No data available.	
Mobility in soil	The product is water soluble and may spread in water systems.	
Other adverse effects	The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.	

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations.
Hazardous waste code	D002: Waste Corrosive material [pH <=2 or >=12.5, or corrosive to steel] Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products	Dispose of in accordance with local regulations.

Contaminated packaging Dispose of in accordance with local regulations. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number	UN1824
UN proper shipping name	Sodium hydroxide solution
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B2, IB2, N34, T7, TP2
Packaging exceptions	154
Packaging non bulk	202
Packaging bulk	242

DOT BULK

BULK

UN number	UN1824
UN proper shipping name	Sodium hydroxide solution
Transport hazard class(es)	
Class	8
Label(s)	8
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B2, IB2, N34, T7, TP2
Packaging exceptions	154
Packaging non bulk	202
Packaging bulk	242

IATA

UN number	UN1824
UN proper shipping name	Sodium hydroxide solution
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	II
Environmental hazards	No
ERG Code	8L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	UN1824
UN proper shipping name	SODIUM HYDROXIDE SOLUTION
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	II
Environmental hazards	
Marine pollutant	No
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This product is a liquid and when transported in bulk is covered under MARPOL 73/78 Annex II. This product is listed in the IBC Code. Ship type: 3 Pollution category: Y

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Sodium hydroxide (CAS 1310-73-2) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Water Act (CWA) Section 112(r) (40 CFR 68.130) Hazardous substance

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Total food additive
Direct food additive
GRAS food additive

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

Sodium hydroxide (CAS 1310-73-2)

US. New Jersey Worker and Community Right-to-Know Act

Sodium hydroxide (CAS 1310-73-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Sodium hydroxide (CAS 1310-73-2)

US. Rhode Island RTK

Sodium hydroxide (CAS 1310-73-2)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 18-July-2014
Revision date 10-26-2021
Version # 04

NFPA ratings



References

Registry of Toxic Effects of Chemical Substances (RTECS)
GESTIS Substance Database
US. IARC Monographs on Occupational Exposures to Chemical Agents

Disclaimer

The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. ALEXANDER CHEMICAL CORPORATION DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. CARUS CORPORATION MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of Alexander Chemical Corporation, and shall be the sole responsibility of the holder or user of the product.



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Tuesday, May 16, 2023** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information: <http://info.nsf.org/Certified/PwsChemicals/Listings.asp?Company=17460&Standard=060&>

NSF/ANSI/CAN 60 Drinking Water Treatment Chemicals - Health Effects

Alexander Chemical Corporation

7593 South First Road
Kingsbury Industrial Park
Kingsbury, IN 46345
United States
800-348-8827
219-393-5558

Facility : Kingsbury, IN

Ammonia, Anhydrous		
<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Anhydrous Ammonia	Chloramination	5 mg/L
Ammonium Hydroxide		
<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Ammonium Hydroxide	Chloramination	10 mg/L
Chlorine[CL]		
<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the

finished drinking water to ensure compliance to all applicable regulations.

Hydrofluosilicic Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Fluosilicic Acid - Water Treatment Grade	Fluoridation	5 mg/L
Hydrofluosilicic Acid - Water Treatment Grade	Fluoridation	5 mg/L

Sodium Bisulfite[1]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Bisulfite Solution, 38%	Dechlorination	46mg/L

[1] This product contains sulfite.

Sulfites have been known to cause potentially lethal allergic reactions in sulfite-sensitive individuals.

The maximum recommended allowable

residual sulfite level in the finished drinking water is 100 ppb (0.1 mg/L).

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda-Liquid	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide-Liquid (Diaphragm Cell)	Corrosion & Scale Control pH Adjustment	100 mg/L
Sodium Hydroxide-Liquid (Membrane Cell)	Corrosion & Scale Control pH Adjustment	100 mg/L

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
12.5% Sodium Hypochlorite	Disinfection & Oxidation	84mg/L
Liquid Bleach	Disinfection & Oxidation	84 mg/L
Liquid Bleach 15%	Disinfection & Oxidation	67mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 15%	Disinfection & Oxidation	67mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

Sulfuric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sulfuric Acid	Corrosion & Scale Control	50 mg/L

Number of matching Manufacturers is 1

Number of matching Products is 15

Processing time was 0 seconds

**FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE)
MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY
FOR USE IN THE TREATMENT OF WATER
PROJECT NO: 202300175**

AGREEMENT

This Agreement, effective _____, 2023 (“Effective Date”), is by and between

ERIE COUNTY WATER AUTHORITY

295 Main Street, Room 350
Buffalo, New York 14203

hereinafter referred to as the “Authority,” and

ALEXANDER CHEMICAL CORPORATION

7593 S. First Road
LaPorte, IN 46350

hereinafter referred to as the “Supplier.”

The Authority seeks to enter into a contract with the supplier to furnish and deliver Caustic Soda to the Authority’s Facilities, upon the terms and conditions stated in this Agreement.

In consideration of the mutual promises set forth in this Agreement, the Authority and the Supplier agrees as follows:

ARTICLE 1 – THE PROCUREMENT

1.01 The Supplier shall furnish and deliver Caustic Soda (50% Solution of Sodium Hydroxide) Membrane Grade (“Caustic Soda”) at the pricing set forth in Article 4 of this Agreement. The Authority will notify the Supplier periodically throughout the duration of this Agreement when Caustic Soda is to be delivered and in what quantities.

1.02 The Supplier shall furnish and deliver the Caustic Soda upon the following terms and conditions:

- A. The Caustic Soda shall meet the specifications which are attached to, and incorporated in this Agreement as Appendix A.
- B. The Caustic Soda must conform to the requirements of the latest version of AWWA Standard B501-19. The Caustic Soda should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with NSF/ANSI 60 (Drinking Water Treatment Chemicals – Health Effects).

- C. The Supplier agrees to abide by all environmental laws and regulations relating to the sale and transport of Caustic Soda. The Supplier agrees to hold the Authority harmless for any liabilities arising from any breach by the Supplier of any applicable environmental law or regulation.

1.03 Technical Specifications set forth in the Invitation to Bid are attached to, and incorporated in, this Agreement as Appendix A.

1.04 In response to the Authority's Invitation to Bid, the Supplier submitted and signed Bid Documents and a Proposal, a copy of which are attached to, and incorporated in, this Agreement as the Bid Documents and Bid Form Supplements (BID-1 through BID-22).

1.05 This Agreement shall remain in effect from November 1, 2023, through July 31, 2024. The parties may agree in writing to extend this Agreement under the same terms and conditions, or upon such terms and conditions acceptable to the Authority, for two (2) additional one (1) year terms.

ARTICLE 2 – COMPLIANCE

2.01 The Authority and the Supplier shall comply with all applicable federal, state, or local laws and regulations and all applicable Authority policies and procedures.

2.02 The Supplier shall comply with the provisions set forth in Public Authorities Law §§ 2875, 2876, and 2878 of the laws of the State of New York. In response to the Authority's Invitation to Bid, the Supplier submitted and signed the Public Authorities Law forms, a copy of which are attached to and incorporated in, this Agreement as BID-11 through BID-14.

2.03 The Supplier shall comply with the provisions set forth in State Finance Law §§ 139-j and 139-k. In response to the Authority's Invitation to Bid, the Supplier signed and submitted, in accordance with the provisions set forth in the State Finance Law, Forms A, B, and C, a copy of which is attached to, and incorporated in, this Agreement as BID-15 through BID-20.

2.04 By executing this Agreement, the Supplier affirms under the penalties of perjury that there was no collusion in the bid submitted to the Authority, upon which forms the basis of this Agreement.

2.05 The Supplier shall comply with the provisions of the Human Rights Law (Executive Law § 290, *et. seq.*) and Labor Law § 201-g of the laws of the State of New York. In response to the Authority's Invitation for Bids, the Supplier submitted and signed the Statement Regarding Prevention of Unlawful Discriminatory Practices, a copy of which is attached to, and incorporated in, this Agreement, as BID-22.

2.06 The Supplier shall comply with the provisions of the Shield Act, codified at General Business Law § 899-aa of the laws of the State of New York.

2.07 If the Supplier, its employees, agents and subcontractors wish to access any Authority property, they must notify the Authority's Security Officer and provide the following information:

(a) government-issued photo identification for all site visitors; (b) a detailed statement indicating the purpose for the site visit; (c) the proposed date and time for the site visit; (d) the estimated start and finish time for the site visit; and (e) any additional information reasonably requested by the Authority's Security Officer. No person may visit any Authority property without the authorization of the Authority and/or its Security Officer. While on Authority property, the Supplier's employees and representatives shall comply with the specific applicable security and access rules established by the Authority's Security Officer.

2.08 Whenever the Authority is operating under a Declaration of Emergency due to a pandemic, the Supplier, its employees, and agents shall comply with all health and safety rules and regulations adopted by the State of New York, the County of Erie, or the Authority including, but not limited to, completing a health screening questionnaire, using personal protective face masks, or complying with any testing or vaccination requirements before entering any Authority property.

ARTICLE 3 – PRICING AND DELIVERY SCHEDULE

3.01 The parties agree the prices on which this Agreement is based shall be F.O.B. to the point of delivery. In its Bid Proposal, the Supplier submitted a proposed unit price payment for the items outlined in §§ 4.01 and 4.02 of this Agreement and included all freight, cartage, rigging, posting and other transportation charges in such proposed unit price payment pursuant to the Bid Instructions. Under no circumstances will the Authority be responsible for any freight, cartage, rigging, postage or other transportation charges relating to furnishing all necessary materials to the delivery site.

3.02 The Supplier shall deliver Caustic Soda within fourteen (14) days of receipt of an Authority Purchase Order. No Caustic Soda shall be delivered unless ordered by the Authority. No extensions of time will be granted except in writing by the Authority's Executive Engineer, at the Authority's sole discretion. The parties agree that time is of the essence for this Agreement.

A. The Caustic Soda is to be delivered to the Authority's Water Treatment Plants as indicated on an Authority Purchase Order. The locations for delivery will be as follows:

1. Sturgeon Point Water Treatment Plant, 722 Sturgeon Point Road, Derby, New York 14047.
2. Jerome D. Van de Water Water Treatment Plant, 3750 River Road (Route 266) Tonawanda, New York 14150.

B. All deliveries will be made on weekdays between 8:00 a.m. and 3:00 p.m.

3.03 The Supplier shall deliver all materials and supplies as ordered by Authority personnel. The Supplier's failure to timely deliver an order shall constitute a material breach of this Agreement for which the Authority may seek and recover damages, including attorney's fees and other expenses.

3.04 The Supplier agrees the unit price for materials and supplies under this Agreement shall remain firm until all materials and goods are delivered. The Supplier understands no cost increase shall be charged for any reason whatsoever.

3.05 The Supplier guarantees to the Authority the price offered for materials and supplies will be no higher than those offered to any other governmental or commercial consumer.

- A. If the Supplier has a New York State or a Federal GSA contract for any of the items covered under this Agreement or any similar items, the Supplier shall supply such items, if acceptable to the Authority, when the price for such item is no higher than the quoted price in this Agreement.
- B. If the Supplier offers any CASH discount, the Suppliers agree to invoice the Authority for a price not higher than offered under the CASH discount.

3.06 The Authority is exempt from taxation. The Supplier shall not invoice the Authority for any state or local excise, sales, use, freight or transport or any other form of tax unless the laws of the State of New York specifically levies such tax on a public benefit corporation.

ARTICLE 4 – PAYMENT

4.01 The Supplier agrees to accept the unit price of **\$1,436** for furnishing, delivering, and unloading each liquid ton (2,000 pounds) of Caustic Soda to the Sturgeon Point Water Treatment Plant.

4.02 The Supplier agrees to accept the unit price of **\$1,436** for furnishing, delivering, and unloading each liquid ton (2,000 pounds) of Caustic Soda to the Jerome D. Van de Water - Water Treatment Plant.

4.03 The Supplier agrees and understands the Authority will not pay interest or late charges or refund discount amounts taken after the discount period. All materials and supplies shall be priced as of the date of invoice or delivery, whichever is lower.

4.04 The Authority reserves the right to audit the Supplier's records to verify bills submitted and representations made. For this purpose, the Supplier agrees to make company records available for inspection upon written notice by the Authority. The Authority shall have two years from the date of Supplier's final bill to complete its audit. If the audit establishes an overcharge, the Supplier agrees to refund the excess.

ARTICLE 5 – GENERAL PROVISIONS

5.01 **Subcontract and Assignments:** The Supplier may not subcontract or delegate any of the obligations of the Supplier without the express written consent of the Authority's Executive Staff. The Authority and the Supplier bind themselves and their successors, administrators and assigns to the terms of this Agreement. The Supplier shall not assign, sublet or transfer its interest in the Agreement without the written consent of the Authority.

5.02 Amendments: The parties agree any modifications or variations from the terms of this Agreement must be in writing, authorized by a resolution of the Board of Commissioners of the Authority, and signed by all parties to be effective.

5.03 Right to Terminate: The Authority reserves the right to terminate the Supplier's procurement at any time, without cause, based on seven (7) days' written notice. The Supplier shall not be entitled to further compensation or lost profit and shall furnish and deliver only such materials and supplies, after notification of termination, as the Authority directs.

5.04 Indemnification:

- A. To the fullest extent permitted by law, the Supplier agrees to indemnify and hold the Authority harmless from all third party claims, liabilities, damages and costs (including all reasonable attorney's fees, and cost of defense) to which the Authority, its officers, directors and employees may be subject to, arising out of the death or bodily injury to any person or the destruction or damage to any property to the extent caused by the negligent acts, errors or omissions, or willful misconduct of the Supplier's performance under this Agreement and those of its subcontractors or anyone for whom the Supplier is legally liable.
- B. To the fullest extent permitted by law, the Authority agrees to indemnify and hold the Supplier harmless from all third-party claims, liabilities, damages and costs (including all reasonable attorney's fees and cost of defense) to the extent caused by the negligent acts, errors or omissions of the Authority, its contractors, engineers, or anyone for whom the Authority is legally liable.

5.05 Insurance:

- A. The Supplier agrees to secure and maintain such insurance as will protect itself from claims under the Workers' Compensation Act; claims for damages because of bodily injury, including personal injury, sickness or disease, or death of any of its employees or of any person other than its employees; and from claims for damages because of injury to or destruction of property including loss of use resulting therefrom in the amounts indicated on Appendix B.
- B. The Supplier agrees to provide and maintain insurance that will provide coverage for claims arising out of the negligent performance of this Agreement.
- C. The Supplier agrees to provide Certificates of Insurance certifying the coverage required by this provision.
- D. The Supplier agrees to provide the name of an employee who will be responsible for providing the Authority with current and updated Certificates of Insurance. The Authority will require the name of the employee, the employee's phone number and email address.

5.06 Warranty: Unless otherwise stated in this Agreement, the Supplier agrees that the warranties as prescribed by the laws of the State of New York are and will remain in effect; that

this warranty and the time to exercise said warranty in effect at the time of the breach, if any, caused by any breach or by any hidden or latent defect will be as prescribed by the laws of the State of New York. The Supplier's obligation under this section is independent of any other obligations stated in this Agreement.

5.07 New York Law and Jurisdiction: Notwithstanding any other provision of this Agreement, any dispute concerning any question of fact or law arising under this Agreement which is not disposed of by agreement between the Supplier and the Authority shall be governed, interpreted and decided by a court of competent jurisdiction of the State of New York in accordance with the laws of the State of New York.

5.08 Conflicts of Interest: The Supplier represents that it has advised the Authority in writing prior to the date of signing this Agreement of any relationships with third parties, including competitors of the Authority, which would present a conflict of interest with the rendering of the services, or which would prevent the Supplier from carrying out the terms of this Agreement or which would present a significant opportunity for the disclosure of confidential information. The Supplier will advise the Authority of any such relationships that arise during the term of this Agreement. The Authority shall then have the option to terminate the Agreement without being subject to further obligations under its terms, except for the payment for material and supplies already furnished by the Supplier. So long as the Supplier reports such a conflict as required by this section, the Supplier will have no further obligations under the terms of this Agreement.

5.09 Additional Conditions: The Supplier and the Authority acknowledge that there may be additional conditions, terms and provisions which shall apply specifically to the delivery of materials and supplies to be furnished. The parties agree to negotiate in good faith to agree upon such additional terms.

5.10 Entire Agreement: This Agreement constitutes the entire understanding of the parties and no representations or agreements, oral or written, made prior to its execution shall vary or modify the terms herein. This Agreement supersedes all prior contemporaneous communications, representations, or agreements, whether oral or written with respect to the subject matter hereof and has been induced by no representations, statements, or agreements other than those herein expressed. No subsequent agreement made between the parties shall be binding on either party unless reduced to writing and signed by an authorized officer of the party sought to be bound by such agreement.

5.11 Independent Status: Nothing contained in the Agreement shall be construed to render either the Authority or the Supplier, an owner, member, officer, partner, employee or agent of the other, nor shall either party have authority to bind the other in any manner, other than as set forth in this Agreement, it being intended that the Supplier shall remain an independent contractor responsible for its own actions. The Supplier is retained by the Authority only for the purpose and to the extent set forth in this Agreement.

5.12 Doing Business Status: The Supplier represents it is qualified to do business in the State of New York and has registered with the New York Secretary of State.

5.13 Gratuities, Illegal or Improper Schemes:

- A. The Supplier shall prohibit its agents, employees, and consultants from using their positions for personal financial gain, or from accepting any personal advantage from anyone under circumstances which might reasonably be interpreted as an attempt to influence the recipients in the conduct of their official duties.
- B. The Supplier or its employees shall not, under circumstances which might be reasonably interpreted as an attempt to influence the recipients in the conduct of their duties, extend any gratuity or special favor to employees of the Authority.
- C. The Authority may terminate this Agreement or any purchase order, if it is determined that gratuities in the form of entertainment, gifts or otherwise were offered or given by a Supplier, the Supplier's agent or representative to any Authority official or employee with a view towards securing favorable treatment with respect to the awarding of this Agreement or the performance of the Agreement or purchase order.
- D. The Authority may also terminate this Agreement or purchase order if it is determined that the Supplier engaged in any other illegal or improper scheme promotive of favoritism or unfairness incidental to the bidding process or the performance of the Agreement or purchase order. If it is determined that said improper or illegal acts occurred, the Authority shall be entitled to terminate the Agreement or purchase order and/or exercise any other remedy available to it under existing law.

5.14 Notice: Any notices required by this Agreement or otherwise shall be delivered by United States Postal mail or personal delivery upon the addresses hereinbefore stated. Any change in such addresses shall be required to be in writing to the other party and acknowledged as such.

ARTICLE 6 – SEVERABILITY

6.01 Any provision or part of the Agreement held to be void or unenforceable by a court of competent jurisdiction shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the parties, which agrees that the Agreement shall be reformed to replace such stricken provisions or part thereof with a valid enforceable provision that comes as close as possible to expressing the intent of the stricken provision. The validity and enforceability of all other provisions of this Agreement shall not otherwise be affected.

ARTICLE 7 – EXECUTORY CLAUSE

7.01 The parties agree and understand that this Agreement shall be executory to the extent of funds have been budgeted and appropriated by the Authority. The Authority shall not submit any purchase order without first determining whether funds have been budgeted and appropriated to pay for such procurement. If the Authority's Comptroller rejects or holds an invoice submitted by the Supplier due to a lack of funds in the appropriate budget line, the Supplier's only remedy would be (1) to await for a budget transfer to be approved, or (2) to accept a return of the materials and supplies F.O.B. to the point of delivery to the Supplier. The Authority shall not be subject to any further liability.

ARTICLE 8 – TERMINATION

8.01 The Authority reserves the right to terminate this Agreement in the event it is found that the Certification filed by the Supplier in accordance with New York State Finance Law §139-k was intentionally false or intentionally incomplete. Upon such finding, the Authority may exercise its termination right by providing written notification to the Supplier in accordance with the written notification terms of this Agreement.

ERIE COUNTY WATER AUTHORITY

By _____
Jerome D. Schad, Chair

ALEXANDER CHEMICAL CORPORATION

By _____
Robert Davidson, Chief Executive Officer

STATE OF NEW YORK)
COUNTY OF ERIE) ss:

On the _____ day of _____, in the year 2023, 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 _____) ss:

On the _____ day of _____, in the year 2023, before me personally came Robert Davidson to me known, who, being by me duly sworn, did depose and say that he resides in _____, Indiana, that he is the Chief Executive Officer 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

APPENDIX A
TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE) MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY FOR USE IN THE TREATMENT OF WATER PROJECT NO: 202300175

1. WORK INCLUDED:

The SUPPLIER shall furnish, deliver and unload F.O.B., to the point of delivery, caustic soda having a sodium hydroxide content of 50 percent to the Erie County Water Authority (the "Authority") Water Treatment Plants described below.

2. CHARACTER OF CAUSTIC SODA:

The SUPPLIER shall furnish Caustic Soda membrane grade which contains no soluble materials or organic substances in quantities capable of producing deleterious or injurious effect on the health of those consuming water that has been treated properly with the sodium hydroxide. The Caustic Soda furnished shall be processed by the mercury-free membrane method.

The SUPPLIER shall furnish and deliver membrane grade liquid Caustic Soda to the minimum standards as follows:

- The Caustic Soda shall be produced from clear to slightly hazy solution, free of visible foreign matter and sediment. The product shall contain no soluble materials or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been treated properly with the sodium hydroxide.
- The Caustic Soda's content shall be from 49% – 51% by weight NaOH, and from 38.4% - 39.6% by weight Na₂O.
- The specific gravity shall be from 1.512 – 1.535 (based at 25-deg C).

The Caustic Soda shall conform to the requirements of AWWA Standard B501-19 or the latest version. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with NSF/ANSI 60 (Drinking Water Treatment Chemicals - Health Effects) except as modified herein. *An affidavit of compliance with the above specifications is required and shall be submitted with the bid. Liquid sodium hydroxide supplied according to the provision of this standard shall contain approximately 50 percent sodium hydroxide (NaOH).*

3. WATER TREATMENT PLANT LOCATIONS:

- A. STURGEON POINT WATER TREATMENT PLANT
722 Sturgeon Point Road, Derby, New York 14047 (Town of Evans).
TELEPHONE: (716) 685-8340

- B. JEROME D. VAN DE WATER -WATER TREATMENT PLANT
3750 River Road (Route 266), Town of Tonawanda, New York 14150.
TELEPHONE: (716) 685-8320

4. SITE INSPECTION:

Bidders shall be familiar with sites to determine the utilities available, the pumping requirements, the site conditions, the connecting facilities necessary and all other items pertinent to their bid and performance of contract. If requested, the Authority will enable Bidder to visit the site above prior to placing a Bid. To schedule a site visit, Bidders shall contact:

David M. Patton PE, Senior Production Engineer
ERIE COUNTY WATER AUTHORITY
3030 Union Road
Buffalo, New York 14227
(716) 685-8229
dpatton@ecwa.org

5. DELIVERY AND UNLOADING:

Bulk quantities of product are sealed with a unique number, tamper-evident seal. The seal number shall be recorded and disclosed on the shipping document such as the Bill of Lading. Seals shall be inspected upon receipt of the product by the purchaser, and evidence of tampering or removal should be reported to the carrier and supplier. These seals shall be demonstrated intact to plant personnel prior to unloading product. Tankers without adequate seals shall be rejected and any associated shipping and handling or removal costs shall become the responsibility of the SUPPLIER.

The SUPPLIER shall provide at least 24-hours of notice (by email, fax or telephone) prior to a shipment to the Authority's treatment plants. The name of the delivery operator and truck plate information shall be supplied to plant personnel prior to delivery. The delivery operator shall be required to present valid photo identification upon request.

Deliveries are to be made in truckload quantities on Monday through Friday between the hours of 8:00 a.m. and 3:00 p.m. on dates as scheduled by the Authority. If requested, shipments must be received within seven (7) days after the SUPPLIER is notified that a shipment is required. The Authority will accept changes in delivery schedules requested by the SUPPLIER provided that they do not interfere with the normal operation of the plant. The Authority also reserves the right to make reasonable changes in delivery schedules when necessary. It shall be the responsibility of the SUPPLIER and/or his shipping agent to prevent any contamination of the caustic soda during the loading, delivery and unloading of the tank truck.

General assistance to the SUPPLIER will be provided. However, it shall be the responsibility of the SUPPLIER and/or his shipping agent to provide all the necessary hose and adaptor fittings so that he can properly connect to the Authority's unloading stations. The driver delivering the product will notify the operator in responsible charge of the Treatment Plant before the shipment

unloading begins. It shall be the responsibility of the trucker to make the necessary connections for unloading and to properly disconnect when the unloading is completed. He is also required to clean up any spills which he may cause during the unloading operation.

Equipment required to unload the caustic soda from the delivery truck into the storage tanks must be self-contained in the delivery truck and capable of unloading the tank truck in the allotted time. The AUTHORITY shall not be responsible for delays in unloading caused by either inadequate or faulty equipment supplied by the trucker.

6. SAFETY DATA SHEET:

The SUPPLIER is to furnish one (1) copy of the Safety Data Sheet (SDS) with each shipment delivered.

7. SAMPLING AND TESTING:

Each shipment shall be sampled and tested by the SUPPLIER in accordance with AWWA Standard B501-19 or latest version, ASTM E291-09 - Standard Test Methods for Chemical Analysis of Caustic Soda (Sodium Hydroxide). The SUPPLIER shall furnish the Authority a Certificate of Analysis for each shipment.

The certificate of Analysis should accompany each shipment if feasible or should be e-mailed to the address as shown below so as to arrive not later than five (5) days after the shipment is made:

David M. Patton, PE, Senior Production Engineer
ERIE COUNTY WATER AUTHORITY
Sturgeon Point Water Treatment Plant
722 Sturgeon Point Rd
Derby, New York 14047
(716) 685-8229
dpatton@ecwa.org

8. NOTICE OF NONCONFORMANCE

If the sodium hydroxide delivered to the Authority does not meet the chemical, physical, safety or security requirements of standard AWWA B501-19 or latest revision, the Authority shall provide a notice of nonconformance to the supplier within 10 days after receipt of the shipment at the point of destination. The Authority will sample and test each shipment prior to unloading the shipment for its specific gravity (Sp. G.). The shipment specific gravity, based on 25 deg-C must be within 1.512 – 1.535 – (49% - 51% Caustic Soda) of the Sp. G. The concentration under this method shall be determined from the Table of Aqueous Properties of Sodium Hydroxide as published in the Handbook of Chemistry and Physics, 91st Edition, The Chemical Rubber Publishing Company, Cleveland, Ohio. In the event the specific gravity exceeds the limits, the Authority will reject the shipment. The Authority will be exempt from any cost incurred for the rejection of a shipment that exceeds the limits or hatch seal that has been broken prior to unloading.

The SUPPLIER shall retain a sample from each shipment sufficient in size to permit triplicate retests for each property in case of a discrepancy between the SUPPLIER's analysis and the analysis made by the Authority.

9. METHOD OF PAYMENT:

Payment will be based on the net weight of Caustic Soda received. The unit price bid shall be full and complete compensation for furnishing and delivering the Caustic Soda. Said unit price shall cover all costs of tools, labor, and materials, as well as all royalties for patented articles or processes used in the manufacture or production of the Caustic Soda.

The caustic soda will be purchased by the liquid ton (2,000 pounds) based on the weights shown on the SUPPLIER'S scales. The SUPPLIER'S scales shall be tested and sealed periodically by an official sealer of weights and measures, and copies of certificates attesting thereto shall be submitted to the Authority.

Each shipment shall be accompanied by a weight ticket which shall show the weight of the shipment, the serial number of the scale, the identification number of the truck and the date and hour of loading. The Authority reserves the right to reweigh any shipment on a tested and sealed scale of its own choosing.

END OF TECHNICAL SPECIFICATIONS

APPENDIX B
INSURANCE REQUIREMENTS

ERIE COUNTY WATER AUTHORITY
BUFFALO, NEW YORK

**FURNISH AND DELIVER CAUSTIC SODA (50% SOLUTION OF SODIUM HYDROXIDE)
MEMBRANE GRADE, TO THE ERIE COUNTY WATER AUTHORITY
FOR USE IN THE TREATMENT OF WATER
PROJECT NO: 202300175**

Insurance Specs:

The following minimum insurance requirements shall apply to vendors providing services to the Erie County Water Authority (the Authority). All insurance required herein shall be obtained at the sole cost and expense of the contractor, including deductibles and self-insured retentions, and shall be in full force and effect on the contract commencement date and for the lifetime use of vendors "Product" and/or applicable statute of limitation. These requirements include but are not limited to the minimum insurance requirements.

a. Workers Compensation:

Part 1: Workers Compensation: Statutory

Part 2: Employers Liability: \$1,000,000.

Note: If New York State domiciled employees are used, coverage to be New York Statutory for both Parts 1 and 2

b. New York Disability Benefits Liability: Statutory coverage if New York State domiciled employees are used.

c. Commercial General Liability:

- \$2,000,000. General Aggregate
- \$2,000,000. Products/Completed Operations Aggregate
- \$1,000,000. Each Occurrence
- \$1,000,000. Personal Injury/Advertising Liability
- Per Project/Job Aggregate Limit Required
- Erie County Water Authority to be scheduled as an Additional Insured for both on-going and completed operations (attach Additional Insured endorsement to Certificate of Insurance)
- Insurance to be primary and non-contributory

d. Automobile Liability:

- \$1,000,000. Each Accident
- Erie County Water Authority to be scheduled as an Additional Insured.

e. Umbrella Liability:

- \$5,000,000. Each Occurrence
- \$5,000,000. Aggregate
- Per Project/Job Aggregate Limit Required
- Erie County Water Authority to be scheduled as an Additional Insured

f. Pollution Liability :

- \$1,000,000. Per Claim
- \$2,000,000. Aggregate
 - Erie County Water Authority to be scheduled as an Additional Insured

Certificates of Insurance to be provided to the Authority prior to start of work as follows:

ACORD 25 including copy of Additional Insured Endorsement

Note: If coverage provided for NYS domiciled employees require Forms C 105.2 and DB 120.1 for Workers Compensation and NYS DBL.

Certificates of Insurance, on forms approved by the New York State Department of Insurance, must be submitted to the Authority prior to the award of contract. Renewals of Certificates of Insurance, on forms approved by the New York State Department of Insurance, must be received by the Authority 15 days prior to the expiration of the insurance policy period.

Certificates of Insurance and renewals, on forms approved by the New York State Department of Insurance, must be submitted to the Authority prior to the award of contract.

Each insurance carrier issuing a Certificate of Insurance shall be rated by A. M. Best no lower than “A-” with a Financial Strength Code (FSC) of at least VII.

The professional service provider shall name the Authority, its officers, agents and employees as additional insured on a Primary and Non-Contributory Basis, including a Waiver of Subrogation endorsement (form CG 20 26 11 85 or equivalent), on all applicable liability policies.

Any liability coverage on a “claims made” basis should be designated as such on the Certificate of Insurance. Such insurance shall continue through the term of this Agreement and vendor shall purchase at his sole expense either 1) an Extended Reporting Endorsement (also, known as Tail Coverage); or 2) Prior Acts Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through Certificates of Insurance that vendor has Maintained continuous coverage with the same or original insurer. Coverage provided under items; 1), 2), or 3) will continue as long as the law allows.

To avoid confusion with similar insurance company names and to properly identify the insurance company, please make sure that the insurer’s National Association of Insurance Commissioners (N.A.I.C.) identifying number or A. M. Best identifying number appears on the Certificate of Insurance. **Also, please list the project number on the Certificate.**

Acceptance of a Certificate of Insurance and/or approval by the Authority shall not be construed to relieve the outside vendor of any obligations, responsibilities or liabilities.

Certificates of Insurance should be e-mailed to mmusarra@ecwa.org or mailed to Ms. Molly Jo Musarra, Claim Representative/Risk Manager Erie County Water Authority, 295 Main Street – Room 350, Buffalo, New York 14203-2494, or If you have any questions you can contact Ms. Musarra by e-mail or phone (716) 849-8465.

END OF INSURANCE REQUIREMENTS