



**COUNTY OF ERIE
DIVISION OF PURCHASE
MEMORANDUM**

To: All Using Departments

From: Jamie Kucewicz, Buyer

Date: January 31, 2022

Subject: CHEMICAL WATER TREATMENT

Bid No.: 221324-002

Effective Dates: January 1, 2022 through December 31, 2023

Vendor #: 111687

Vendor: The Metro Group, Inc.
50-23 23rd Street
Long Island City, NY 11101

Contact: James Barons

Telephone: 585-232-6470

Pricing: per attached document



COUNTY OF ERIE
MARK C. POLONCARZ
COUNTY EXECUTIVE
DIVISION OF PURCHASE
INVITATION TO BID

Bids, as stated below, will be received and publicly opened by the Division of Purchase in accordance with the attached specifications. FAX bids are unacceptable. Bids must be submitted in a sealed envelope to:

County of Erie
 Division of Purchase
 Attention: James D. Kucewicz, Buyer (716) 858-6336
 95 Franklin Street, Room 1254
 Buffalo, New York 14202-3967

NOTE: Lower left-hand corner of envelope **MUST** indicate the following:

BID NUMBER: 221324-002

OPENING DATE: DECEMBER 10, 2021 TIME: 11:00 AM

FOR: CHEMICAL WATER TREATMENT

NAME OF BIDDER: The Metro Group Inc

If you are submitting other Invitations to Bid, each bid must be enclosed in a separate envelope.

Following EXHIBITS are attached to and made a part of the bid specifications, and part of any agreement entered into pursuant to this Invitation to Bid:

- EXHIBIT "A" - Assignment of Public Contracts
- EXHIBIT "B" - Purchases by Other Local Governments or Special Districts
- EXHIBIT "C" - Construction/Reconstruction Contracts
- EXHIBIT "D" - Bid Bond (Formal Bid)
- EXHIBIT "E" - Bid Bond (Informal Bid)
- EXHIBIT "EP" - Equal Pay Certification
- EXHIBIT "F" - Standard Agreement
- EXHIBIT "G" - Non-Collusive Bidding Certification
- EXHIBIT "H" - MBE/WBE Commitment
- EXHIBIT "IC" - Insurance CLASSIFICATION "A"
- EXHIBIT "P" & EXHIBIT "PBI" - Performance Bond
- EXHIBIT "Q" - Confined Space Program Certification
- EXHIBIT "PW" - NYS Prevailing Wage
- EXHIBIT "V" - Vendor Federal Compliance Certification

County of Erie
 DIVISION OF PURCHASE
NON-COLLUSIVE BIDDING CERTIFICATION

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 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, Section 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 1 day of December, 20 21

TERMS _____ DELIVERY DATE AT DESTINATION _____

FIRM NAME The Mestco Group Inc.

ADDRESS 650 mile crossing Blvd

Rochester NY ZIP 14624

AUTHORIZED SIGNATURE 

TYPED NAME OF AUTHORIZED SIGNATURE Christopher Oehler

TITLE Account Manager TELEPHONE NO. 716-449-2969

CHEMICAL WATER TREATMENT FOR LISTED BUILDINGS

The County of Erie Department of Public Works Division of Buildings and Grounds needs a vendor to furnish boiler water treatment, condenser cooling water treatment, hot and cold closed loop treatment, and water treatment consultation and engineering services at various buildings as noted herein.

Duration of Contract - January 1, 2022 to December 31, 2023.

ARTICLE I - GENERAL

1001 - The chemical water treatment services performed by the contractor under this specification shall consist of furnishing all the chemicals, reagents, testing equipment, supplies, expertise and instruction necessary to provide a comprehensive water treatment program. This program must be designed to preserve the integrity of the equipment in which it is used by controlling the corrosive effects of water, limiting deposit and scale buildup, and eliminating microbiological fouling.

1002 - Bidder is requested to quote a yearly price based on monthly site visits (systems heating/cooling **when in operation**) at all locations specified, by a qualified water treatment expert who is NYSDEC-Category 7G certified.

1003 - The County reserves the right to terminate (60-day written notice) for any reason, or suspend any part of the services described herein when conditions change, operation of a County facility is reduced or discontinued or other similar circumstances take place. In the event of such termination or suspension, payments for services shall suspend without penalty.

ARTICLE II - COMPETENCY OF BIDDER

2001 - The bidder shall have had a qualified service organization in active operation for a minimum of five years. The bidder shall have established a history of competent service experience in maintaining the specific types of water systems as described in these specifications, and must have sufficient qualified personnel to guarantee satisfactory performance of this contract.

2002 - The bidder shall submit a statement that includes at least three specific locations that have been serviced by the bidder and the dates during which the service has been performed. Consideration will not be given to bids submitted by an individual, firm, or corporation who has established on former projects, either government or commercial, an unsatisfactory record of performance in connection with the treatment of water and fuel systems as herein described. The County reserves the right to determine the competency of contractors being considered for the award of this contract.

2003 - The successful bidder will be required to provide proof of insurance as per requirements of Erie County.

ARTICLE III - PAYMENTS

3001 - Payments in the amounts stipulated in the contract shall be made **quarterly in arrears**, upon completion of service at all locations and submission of detailed written reports and invoices.

ARTICLE IV - FAILURE TO COMPLY

4001 - In the event that the contractor fails to provide a water treatment program in accordance with these specifications, or violates any of the provisions hereof, the County of Erie may, upon ten days' notice in writing to the contractor, engage the services of others to perform all work necessary to bring the water systems described herein up to the standards specified. The cost of this work shall be at the contractor's expense.

ARTICLE V – TREATMENT REQUIREMENTS and LOCATIONS

5001 Steam Boiler Water Treatment at:

EC Office Building, 120 -134 West Eagle Street, Buffalo
Akron Falls Park, 44 Parkview Road, Akron
Elma Meadows Park, 1711 Girdle Road, Elma

5002 Condenser Cooling Tower Water Treatment at:

Rath Building, 95 Franklin Street, Buffalo
County Hall, 25 Delaware Avenue, Buffalo
EC Office Building, 120-134 West Eagle Street, Buffalo
EC Correctional Facility, 11581 Walden Avenue, Alden
Family Court Building, 1 Niagara Plaza, Buffalo

5003 Closed Loop Treatment at:

Rath Building, 95 Franklin Street, Buffalo
County Hall, 25 Delaware Avenue, Buffalo
EC Office Building, 120-134 West Eagle Street, Buffalo
EC Correctional Facility, 11581 Walden Avenue, Alden
EC Botanical Gardens, 2655 South Park Avenue, Lackawanna
Family Court Building, 1 Niagara Plaza, Buffalo
Youth Detention Facility, 810 East Ferry Street, Buffalo
Law Library, 77 West Eagle Street, Buffalo
Jesse Nash Health Center, 608 William Street, Buffalo
Chestnut Ridge Park, 6121 Chestnut Ridge Road, Orchard Park
Lincoln Building, 110 Franklin Street, Buffalo
Elma Meadows Park, 1711 Girdle Road, Elma
EC Public Safety Campus, 45 Elm Street, Buffalo

5004 Fountain Water Treatment at:

Rath Building, 95 Franklin Street, Buffalo

5005 Glycol Testing at:

EC Botanical Gardens, 2655 South Park Avenue, Lackawanna
EC Public Safety Campus, 45 Elm Street, Buffalo

ARTICLE VI - BOILER WATER TREATMENT

- 6001 The following specifications are for boiler water treatment chemicals and service for boilers at the facilities mentioned in Article V – Locations, 5001. The vendor’s treatment program must conform to the following example specification or if an appropriate alternate program is recommended and used, must achieve the results intended in the example.
- 6002 A chemical specifically formulated with polymers to treat the makeup water at subject plants, which will control scale.
- 6003 A sludge conditioner and anti-foam specifically formulated with polymer sludge conditioners to treat the boiler water at subject plants to control sludge deposits.
- 6004 A nitrite/borate formula to control general corrosion and maintain pH levels to prevent boiler corrosion.
- 6005 A non-amine corrosion inhibitor to prevent corrosion in steam and condensate lines.
- 6006 A nitrite/ terpolymer blend to control oxygen pitting in the boilers.
- 6007 All formulations shall be supplied in an all-in-one formula. This product will be fed directly to the boilers. A two-part Sulfite/Polymer based chemistry will be acceptable at 134 W. Eagle St. Steam boiler Facility
- 6008 Application - The boiler treatment compound shall be formulated so as to provide the following chemical balances in the boiler water without the addition of supplementary chemicals.

	<u>Maximum</u>	<u>Minimum</u>
Nitrite	1200 PPM	600 PPM
Chlorides	30 PPM	250 PPM
Conductivity	3000 micromohs	450 micromohs

The compound for condensate return shall be formulated as to establish the following:

	<u>Maximum</u>	<u>Minimum</u>
Condensate return pH	9.0	7.5

- 6009 Boiler cleaning compounds or solutions will be provided on an as needed basis to remove dirt, oils, fouling, and scaling during annual shutdown and cleaning. Vendor will instruct owner’s employees on the proper application and use of such cleaning compounds.

ARTICLE VII - CIRCULATING WATER TREATMENT

- 7001** CONDENSER COOLING TOWER WATER TREATMENT AT FACILITIES MENTIONED IN ARTICLE V - 5002. Furnish sufficient supply of chemical formulation for the control of scale and corrosion in open recirculating systems. Furnish separate formulas for prevention of algae and slime in the same systems. Formulation shall not contain any ingredients that are harmful to the system material of construction. The chemical formulations for scale and corrosion control shall be furnished in a liquid form for direct feed from the shipping container to the cooling systems. Chemical formula for the control of algae shall be the maximum strength allowed under Federal and State laws. Furnish separate formulation containing dispersants and suspending agents to prevent deposits of dirt and mud in the recirculating water systems. Dispersants shall be added to cooling tower systems as deemed necessary by the treatment company technician.
- 7002** CLOSED LOOP, HOT AND CHILLED WATER SYSTEMS AS MENTIONED IN ARTICLE V – 5003 Furnish sufficient supply of a chemical formula to control the formation of scale and corrosion in all closed recirculating water systems, hot and chilled. Formula shall not contain any ingredients that are harmful to the system material of construction. Vendor will provide detergent-cleaning solutions for closed loop systems on an as needed basis to clean dirt, oils, fouling and scaling. Vendor will instruct owner's employees on the proper application and use of such cleaning solutions. Chemicals are to be shipped on an as needed basis to treat 10% of total system volume at each location.
- 7003** OPEN CIRCULATING WATER TREATMENT AS MENTIONED IN ARTICLE V - 5005 Furnish a sufficient supply of a liquid polyphosphate scale and corrosion inhibitor which has approval for use in potable water systems. Product will be fed to maintain 4-12 ppm as phosphonate. Biological control will be accomplished by daily slug dosages of chlorine – bromine blend to achieve 0.5 – 2.0 ppm as free chlorine. Molybdate and Total Chlorine reporting is acceptable on monthly service visits

ARTICLE VIII - TESTING SUPPLIES AND EQUIPMENT

- 8001** The water treatment supplier shall furnish Building 134 W Eagle St with a hardness test kit for weekly testing of the building softener. Vendor will also supply apparatus for determining pH, and dissolved solids (TDS), to determine proper bleed-off rate.

ARTICLE X - EXTENT OF WORK

- 10001** Chemical checks must be made every (30) thirty days and a written report of same shall be submitted to the Chief Engineer of each plant. These checks shall contain a review of procedures, water test results (with recommended chemical ranges) together with suggestions as necessary to ensure good operating procedures. A copy of these reports must also be submitted to the County of Erie, Department of Real Estate and Asset Management - Buildings & Grounds Division with the quarterly invoice. These reports must be made by a qualified, NYSDEC Category 7G certified, water treatment technician retained by the successful bidder. In addition to these monthly service calls, the services of an expert feedwater chemist shall be promptly furnished at any time, if in the opinion of the Supervising Engineer, such services are required.
- 10002** At ninety-day intervals a complete check must be made by a graduate chemist or Certified Water Technologist (CWT). This test shall not be combined with the aforementioned 30-day test report. Samples may be taken and tested at a lab offsite. A copy of this test shall be sent directly to the County of Erie, Department of Public Works Buildings & Grounds Division. This test shall be compared with previous tests mentioned and recommendations submitted by the chemist. This will give the County of Erie an overall check on total testing and use procedures.

ARTICLE XI - SPECIAL NOTES

- 11001** Chemical products supplied must be registered and approved under the USDA, EPA and NYSDEC, and proof of such approval with MSDS must be submitted with this bid.
- 11002** In submitting bids, the bidder must acknowledge the fact that he is thoroughly familiar with the existing operating conditions. Prospective bidders are encouraged to make site visits to accurately determine the capacity of the equipment covered in this contract. The bidder must also acknowledge the fact that the chemicals furnished are entirely satisfactory and suitable using the existing equipment now in operation at the installations mentioned.
- 11003** The bidder must guarantee that the chemicals when applied as directed, will condition the boiler water, condensate return lines, heating and cooling open and closed loops, for correct operation and prevention of scale and corrosion.
- 11004** The County of Erie reserves the right, based on any change in operating conditions or as indicated by inspection of internal condition of boiler or condensate return units, to require a change in chemical balance at no increase in cost per unit for the chemicals furnished by the bidder.
- 11005** Bidders of this water treatment chemical contract must furnish to the County of Erie a listing of three installations of comparable size to the units specified, which have been serviced and are continued to be serviced by the bidder for a period of not less than three years. Minimum size of steam plant: 10,000 PPH - 40,000 PPH at 15-150 PSI and air conditioning systems of 1,000 tons minimum combined cooling. This list will include the name and address of the account and a contact person.
- 11006** The above chemicals must be formulated as outlined to suit conditions of water sources at the individual locations listed.
- 11007** Treatment chemicals shall be supplied in suitable 5-gallon plastic containers. Bidders should note that loading docks are not available at all locations and as such, the successful vendor must provide product in containers not to exceed 5 gallons. All chemicals required are to be covered under this contract.
- 11008** The successful bidder shall furnish to the County of Erie all necessary log-treatment charts and any other stationery required to report the chemical analysis by County of Erie personnel.
- 11009** A minimum of sixty days' supply of the necessary chemicals shall initially be ordered and guarantee delivery of needed chemicals on site within a two-week period.
- 11010** The bid price per pound or gallon of chemical treatment shall include all transportation charges to point of use. All shipments shall be freight prepaid; no additional freight billing will be permitted.
- 11011** Checks will be made of chemicals furnished from time to time, as deemed necessary. Deviations of minimum standards for chemicals as bid by the contractor, unless agreed upon by the County of Erie, may result in withholding of payment and termination of the contract, with subsequent return of chemical product at no cost to the County of Erie.
- 11012** Vendor will provide a Legionella Management Program which complies with the current NYS DOH Legionella Regulations as well as ASHRAE Standards 188-2015 and 12-2000.
- This Legionella Management Plan will include:
- One Annual Legionella Test for each tower
 - Quarterly Inspections for each tower April through October
 - Quarterly Bacterial Dip Slides for each tower April through October
 - Annual Certification for each tower
 - Mandatory tower cleaning and disinfection as required by a DEC category 7G licensed technician prior to spring start-up
- 11013** Vendor shall also help Erie County comply with all DOH and DEC regulations and updates.

ARTICLE XII - VARIANCES AND PERFORMANCE

- 12001** The above specifications have been drawn up by the Department of Public Works Division of Buildings and Grounds.
- 12002** Should chemical performance indicated by visual inspection prove unsatisfactory, contract may be terminated by County of Erie, New York
- 12003** It is understood that any chemicals or equipment remaining at the various installations, from previous contracts, which would not be compatible with new material will not be used and shall be disposed of by the successful bidder, or as determined by the Department of Public Works Division of Buildings and Grounds.

Materials supplied shall not vary from USDA, EPA, and NYSDEC approved percentages unless approved in writing by the, County of Erie. Any such unapproved variation may, at the option of the County of Erie, result in the termination of the contract.

**COST/ BUILDING
CHEMICAL WATER TREATMENT FOR LISTED SITES
Engineers at each facility will have Information on Equipment**

Rath Building, 95 Franklin Street – 5 th Floor Mechanical Room, Buffalo, NY 14202 Chief Engineer – Mike Campanella 858-7793 Cooling Tower, Closed Loop, Plaza Fountain	Annual Cost <u>\$ 2,995.00</u>
Erie County Botanical Gardens, 2655 South Park Ave., Lackawanna, NY 14218 Chief Engineer –Mike Feldman 783-6695 Closed Loop, Glycol Testing	Annual Cost <u>\$ 840.00</u>
County Hall, 25 Delaware Avenue, Buffalo, NY 14202 Chief Engineer –Joseph Toth , 858-8024 Cooling Tower, Closed Loop	Annual Cost <u>\$ 2352.00</u>
Erie County Office Building, 120-134 West Eagle Street, Buffalo, NY 14202 Chief Engineer –Paul Overfield 858-6368 Boiler Water, Cooling Tower, Closed Loop	Annual Cost <u>\$ 7392.00</u>
Law Library, 77 West Eagle Street, Buffalo, NY 14202 Chief Engineer –Joe Toth , 858-8024 Closed Loop	Annual Cost <u>\$ 840.00</u>
Akron Falls Park, 44 Parkview Drive, Akron, NY 14001 Chief Engineer –Mike Feldman 783-6695 Boiler Water	Annual Cost <u>\$ 1150.00</u>
Chestnut Ridge Park, 6121 Chestnut Ridge Road, Orchard Park, NY 14127 Chief Engineer –Mike Feldman 783-6695 Closed Loop	Annual Cost <u>\$ 672.00</u>
Erie County Correctional Facility, 11581 Walden Avenue, Alden, NY 14004 Chief Engineer –Joe Dauer, 937-5529 Cooling Tower, Closed Loop	Annual Cost <u>\$ 2520.00</u>
Family Court Building, One Niagara Plaza, Buffalo, NY 14202 Chief Engineer – Mike Campanella 858-7793 Cooling Tower, Closed Loop	Annual Cost <u>\$ 2352.00</u>
Youth Detention Facility, 810 East Ferry Street, Buffalo, NY 14211 Chief Engineer – Sandor Toth 823-4782 Closed Loop	Annual Cost <u>\$ 564.00</u>
Lincoln Building, 110 Franklin Street, Buffalo, NY 14202 Chief Engineer – Joe Toth, 858-8024 Closed Loop	Annual Cost <u>\$ 504.00</u>
Erie County Public Safety Campus, 45 Elm Street, Buffalo NY 14203 Closed Loop, Glycol Testing Chief Engineer Sandor Toth 858-4707	Annual Cost <u>\$ 504.00</u>
Elma Meadows Park, 1711 Girdle Road, Elma, NY 14059 Chief Engineer –Mike Feldman 783-6695 Boiler Water, Closed Loop	Annual Cost <u>\$ 2,048</u>
Jesse Nash Health Center, 608 William Street, Buffalo, NY 14206 Chief Engineer –Mike Feldman 783-6695 Closed Loop	Annual Cost <u>\$ 504.00</u>

TOTAL ANNUAL COST \$ 25,177.00