



City of Meriden, Connecticut

Purchasing Department

Invitation to Bid

For

Various Chemicals

Water and WPCF

Meriden, CT

B023-45

Proposals Due: May 18, 2023 @ 11:00 AM

Purchasing Department

142 East Main St. Room 210

Meriden, CT 06450

(203) 630-4115

LEGAL NOTICE

INVITATION TO BID

The City of Meriden is accepting sealed bids for:

B023-45 CHEMICALS WATER & WPCF

The City of Meriden is looking to buy various chemicals for use with the Water Department and Water Pollution Control Facility.

Bids shall be submitted on forms and in the manner specified. Forms and specifications may be obtained from the Purchasing Department, on the City of Meriden website (www.meridenct.gov/business/bids-rfps/), and on the State of Connecticut Department of Administrative Services website (<https://portal.ct.gov/DAS/CTSource>). Bids will be accepted at the Purchasing Department, 142 East Main Street, Room 210, Meriden, Connecticut 06450 until **11:00 AM local, Eastern Standard Time on May 18, 2023** at which time they will be publicly opened and read. Any bid received after the time and date specified shall not be considered.

The right is reserved to reject any or all bids, in whole or in part, to award any item, group of items, or total bid, and to waive informality or technical defects, if it is deemed to be in the best interest of the City of Meriden. No bidder may withdraw its bid within sixty (60) days of the date of the bid opening.

The City of Meriden is an Affirmative Action/Equal Opportunity Employer. Disadvantaged, minority, small, and women business enterprises are encouraged to respond.

Rawle Dummett
Purchasing Officer
City of Meriden, CT 06450-8022
Dated: April 24th, 2023

CITY OF MERIDEN, CONNECTICUT

B023-45 CHEMICALS FOR VARIOUS DEPARTMENTS

INFORMATION TO BIDDERS

1. BIDDING PROCEDURES

Sealed Bids shall be submitted on the forms designated by the attached proposal bid forms. Bids will be received by the City of Meriden's Purchasing Department, Room 210, City Hall, 142 East Main Street, Meriden, Connecticut, 06450-8022 until 11:00 a.m. on May 18, 2023 and thereafter immediately read in public (the "bid opening").

2. BIDS

Bids are to be submitted on the attached proposal forms.

- a. Bids must be made out and signed in the corporate, or other, name of Bidder, and must be fully and properly executed by an authorized person.
- b. The sealed envelope must denote the Bidder's name and address in the upper left hand corner and the words "**BID DOCUMENT - B023-45 CHEMICALS FOR VARIOUS DEPARTMENTS to be opened at 11:00 a.m.**" in the lower left hand corner.
- c. Bids received later than the time and date specified will not be considered.
- d. Amendments to or withdrawal of bids received later than the date and time set forth in the bid opening will not be considered.
- e. All prices must be in ink or typewritten. In the event of a bidder's mathematical error in tabulating any bid prices, *the written unit prices shall govern.*

3. BIDDER QUALIFICATIONS

Bidders will be required to fill out, and include as part of its bid, any attached Bidder's Qualification Statement.

In determining the qualifications of a bidder, the City of Meriden will consider the bidder's record of performance in any prior contracts for construction work. The City of Meriden expressly reserves the right to reject a bid if the bidder's historical performance, in the sole opinion of the City of Meriden, has been unsatisfactory in any manner or if the bidder has habitually and without just cause neglected the payment of bills or has otherwise disregarded its obligations to subcontractors, suppliers, or employees.

4. EXAMINATION OF BIDDING DOCUMENTS

Bidders are to examine all documents and visit the site in order to make a thorough examination of the conditions so that the bidder may familiarize itself with all of the existing requirements, conditions, and difficulties that will affect the execution of the work in order to determine the amount of work necessary to carry out the true intent of the specifications and work shown on the drawings.

The City of Meriden and its agents do not have any responsibility for the accuracy, completeness, or sufficiency of any bid document obtained from any other source other than from the City of Meriden. Obtaining documents from any other source(s) may result in obtaining incomplete and inaccurate information. Obtaining documents from any other source may also result in failure to receive any addenda, corrections, or other revisions to the documents that may be issued.

No request shall be honored if such request is made less than seven (7) calendar days prior to the date fixed for the opening of bids. Any and all such interpretations, and any supplementary instructions, will be in the form of a written addenda to the specifications which, if issued, will be made available on the City of Meriden website (www.meridenct.gov) unless it is to change the date fixed for the opening of bids, not later than three (3) days prior to the date fixed for the opening of bids. Bidders are encouraged to check the website regularly for addenda. Failure of any bidder to receive any such addenda shall not relieve any bidder from any obligations under its bid as submitted.

Any questions about the bid document must be submitted in writing via email to meridenpurchasing@meridenct.gov. Any other format of question will not be answered.

5. BIDS TO REMAIN OPEN

No bidder may withdraw its bid within sixty (60) days of the date of the bid opening. Should there be reason why the contract cannot be awarded within the specified period, the time may be extended by mutual agreement between the City of Meriden and the successful bidder.

6. AWARD OF CONTRACT

The Purchasing Officer reserves the right to make an award on the bid which, by the Purchasing Officer's judgment and recommendation from the Department of Public Utilities following bid evaluations, best meets the specifications and is deemed to be in the best interest of the City of Meriden.

The contract will not be awarded to any corporation, firm, or individual which/who is in arrears to the City of Meriden by debt or contract, or who is in default as security or otherwise by any obligation to the City of Meriden.

The right is reserved to reject any or all bids, in whole or in part, to award any item, group of items, or total bid, and to waive informality or technical defects, if it is deemed to be in the best interest of the City of Meriden.

7. BID PROTEST PROCEDURE

In the event that any bidder wishes to protest the potential award of a bid, or any procedure of act in the advertising or soliciting of the bids, said bidder must make said protest in writing, which shall state the reason therefore and request a conference with respect thereto. Said protest must be received in the City Purchasing Office within **FIVE (5)** business days after the delivery of bid results or decisions. A conference with respect to said protest shall be scheduled by the Purchasing Officer forthwith and shall be attended by him or his designee and such other persons as the Purchasing Officer and the City Manager shall require to attend. The subject matter of said conference shall be limited to the reasons for the protest specified in the written request for said conference. Said conference shall also include a discussion of all possibilities for a resolution of dispute. The City shall make a decision in writing within three (3) business days after said conference and forward the same to the protesting bidder forthwith. In the event that any protesting bidder wishes to take legal action against the City, they must fully comply with all of these instructions to bidders.

8. CITY OF MERIDEN, LOCAL PREFERENCE

In determining the lowest responsible bidder, the Purchasing Department shall also consider Local Preference.

This section shall not apply in those instances where the bid requested involves a cooperative purchasing arrangement between the City of Meriden and other municipalities or the State of Connecticut.

Bidders are specifically advised that the City of Meriden has adopted Section 3-14 of the Code of the City of Meriden which requires, but is not limited to, a local preference requiring, in part, that a “City-based business” shall mean a business with its principal place of business located within the boundaries of the City of Meriden. A business shall not be considered a “City-based business” unless evidence has been submitted, satisfactory to the Purchasing Department, with each bid (forms included in bidding documents) to establish that the bidder has a bona fide principal place of business, operates out of, or pays property taxes on personal property in the City of Meriden.

Any City-based business bidder which has submitted a bid not more than ten (10) percent higher than the low bid provided such City-based business bidder agrees to accept the award of the bid at the amount of the low bid. The acceptance shall be submitted in writing to the Purchasing Department no later than next business day following the opening of the bid. For example, a bid opened at 11:00 a.m. on a Monday must be accepted by the City-based bidder no later than 11:00 a.m. on Tuesday. If more than one City-based business bidder has submitted bids not more than ten (10) percent higher than the low bid and has agreed to accept the award of the bid at the amount of the low bid, the lowest responsible bidder shall be one of the City-based business bidders which has submitted the lowest bid.

Bidders claiming status under the local preference are hereby required to submit with its bid an additional form, titled “Request for Status as a Meriden Based Business.”

9. EXTENSION OF AGREEMENT

Thirty (30) days prior to the expiration of the resulting contract, the parties may, by mutual agreement, extend the contract for up to two (2) additional, one (1) year terms. Any extension must be in writing, executed by both parties.

10. TIME

Inasmuch as the contract concerns a public improvement, the provisions of the contract relating to the time of performance and completion of the work are of the essence of the contract. Accordingly, the successful bidder/contractor (“Contractor”) shall begin work on the day specified in paragraph 2.04 of the General Conditions and shall perform the work diligently so as to permit full use not later than the first day following the construction period established in the Contract. See paragraph 10 entitled “Liquidated Damages” of the Agreement between City of Meriden, as owner, and the Contractor.

11. TAXES

The City of Meriden is exempt under Connecticut General Statutes from the payment of the excise taxes imposed by the federal government and the Sales and Use Tax of the State of Connecticut; such taxes should not be included in the bid price. Upon request, exemption certificates will be furnished to the successful bidder.

12. FAIR EMPLOYMENT PRACTICES

The Contractor shall agree that neither it or its subcontractors, except in the case of a bona fide occupational qualification or need, to refuse to hire or employ or to bar or to discharge from employment any individual or to discriminate against such individual in compensation or in terms, conditions or privileges of employment

because of the individual's race, color, religious creed, age, sex, gender identity or expression, marital status, national origin, ancestry, present or past history of mental disability, intellectual disability, learning disability, physical disability, including, but not limited to, blindness or status as a veteran. The aforementioned terms are obtained from Connecticut General Statutes Section 46a-60, *et seq.*, entitled "Discriminatory employment practices prohibited," as amended.

13. FORM OF AGREEMENT BETWEEN CITY OF MERIDEN AND CONTRACTOR

The Agreement for the work will be via Purchase Order.

14. LOCAL SUBCONTRACTORS, SUPPLIERS, etc.

Local subcontractors, material suppliers, and labor in the City of Meriden should be considered and sought out insofar as it is practical in the performance of this project.

15. CITY OF MERIDEN CODE OF ETHICS

The City of Meriden has adopted a Code of Ethics located in Chapter 21 of the Code of the City of Meriden, sections 21-1 through 21-15, inclusive, which are expressly incorporated herein by reference. The terms of the Code of Ethics shall constitute a part of any contract or agreement entered into by the City of Meriden as a result of this bid as if those terms were fully set forth in such contract or agreement.

Bidders are specifically advised that the Code of Ethics prohibits public officers and employees, as well as their immediate families and businesses, with which they are associated from participating in any transaction which is incompatible with the proper discharge of official duties or responsibilities. Bidders are also advised that the Code of Ethics contain provisions with respect to paid contractors and former employees and officials.

BIDDERS SHOULD NOTE THAT BIDS, CONTRACTS, AND AGREEMENTS ENTERED INTO OR AWARDED IN VIOLATION OF THE CODE OF ETHICS ARE VOIDABLE BY RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MERIDEN.

Copies of the Code of Ethics may be obtained from the office of the City Clerk or may be found online on the City of Meriden's website.

16. NON-COLLUSION BID STATEMENT

Each bidder submitting a bid to the City of Meriden for any portion of the work contemplated by the documents on which bidding is based shall execute and attach thereto the sworn Non-Collusive Bid Statement, to the effect that the bidder has not colluded with any other person, firm, or corporation in the submission of the bid.

17. AWARD IN CASE OF A TIE

In the event there are two or more responsive bidders, the decision to award will be based by the following criteria and in the following order:

- a. The incumbent will be awarded the bid over that of another bidder.
- b. In the case of a multi-item bid, if one bidder has been awarded other items from the same bid and the other bidder has not, the bidder with the multiple awards will be awarded the bid over that of another bidder.
- c. The bidder located in the State of Connecticut will be awarded the bid over that of another bidder.

- d. The winner of a coin toss will be awarded the bid over that of another bidder.

The above-referenced provisions do not apply to those situations in which more than one City-based business responsible bidder has submitted bids not more than ten (10) percent higher than the lowest bid and has agreed to accept the award of the bid at the amount of the lowest bid. Under such circumstances, the provisions of the Code of the City of Meriden, section 3-14, are controlling, as set forth under Section 8 of this 'Information to Bidders.'

18. ASSIGNMENT OF CONTRACT

No contract may be assigned without the written consent of the Purchasing Officer or designee.

19. PERMITS

The Contractor shall be responsible for obtaining any and all necessary permits required by the City of Meriden prior to the commencement of work. The Contractor may contact the City of Meriden Building Department for permit information at (203) 630-4091. For all other required permits, contact the City of Meriden Engineering Department at (203) 630-4018.

20. BID PRICE AND PAYMENT

The City of Meriden is exempt from the payment of the excise taxes imposed by the Federal government and the Sales and Use Tax of the State of Connecticut under Connecticut General Statutes; accordingly, such taxes shall not be included in the bid price.

The City of Meriden, unless stated otherwise in the bidding documents or Contract, will make payment to the Contractor not less than thirty (30) days following completion of services.

21. QUALITY

All materials, equipment, supplies, and services shall be subject to rigid inspection. If defective material, equipment, supplies, or services are discovered, the Contractor shall remove or make good such material, equipment, or supplies without extra compensation. It is expressly understood and agreed that any inspection by the City of Meriden will in no way lessen the responsibility of the Contractor or release Contractor from the obligation to perform and deliver to the City sound and satisfactory materials, equipment, supplies, or allow the cost to be deducted from any monies due it from the City of Meriden. All services will be performed in a workmanlike manner.

22. INSURANCE

The successful bidder shall be required to provide a Certificate of Insurance denoting general liability, automobile liability, workers compensation liability, and other coverage required by the City's Risk Manager.

23. CITY HALL CLOSING

If Meriden City Hall is closed due to inclement weather, or any other unforeseen event, bids will be due at the same time on the next business day that City Hall is open.

SPECIAL INSTRUCTIONS TO ALL BIDDERS FOR B023-45

All delivered prices shall be valid for one year starting **July 1, 2023 to June 30, 2024** as stated in the Minimum Specifications Page and Proposal Pages for each item. All items will be awarded to the lowest responsible bidder. All quantities are estimates only and the City reserves the right to increase or decrease quantities.

All questions regarding this bid must be in writing and submitted to: meridenpurchasing@meridenct.gov

PALLET SIZE:

Pallet size for all chemical deliveries must be on a single ribbed pallet. The opening of the pallet must accept the 26 1/4" - the dimensions of the fork. The City is not limiting the pallet size to 26 1/4". If any chemical is delivered on a pallet that does not meet the minimum specifications, the City of Meriden has the right to refuse the delivery and request a replacement delivery on an acceptable size pallet.

DELIVERY:

Delivery for each chemical is noted on the specification pages. **No additional Fuel Surcharge or Delivery Fees shall be permitted and will not be paid.** Prices bid shall include delivery as requested for each chemical.

A 48 hour advance notice of delivery is required by calling the designated office listed on each product specification sheet. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

The City of Meriden expects all deliveries within FIVE (5) business days after placement of order. State on last Proposal Page any chemical that cannot be delivered within this time frame.

DELIVERY REQUIREMENTS:

Delivery locations are listed on each chemical specification page.

If any chemical shipment arrives compromised (ex. plastic bag is broken, etc.), the City of Meriden has the right to accept partial delivery of only the uncompromised chemical or to refuse the entire shipment and request a replacement shipment. The replacement shipment must arrive within 3 business days. The City of Meriden will only pay for chemicals they accept shipment for.

If the Contractor is unable to deliver the chemical as awarded, the City reserves the right to immediately obtain the chemical from another source.

If the City experiences difficulty using your chemical, the City reserves the right to purchase the item elsewhere.

All bidders shall submit Product Data Sheets and Safety Data Sheets (SDS) WITH their bids.

CONTINUED ON NEXT PAGE

SPECIFICATIONS B023-45

**ITEM #1 for WCPF AND WATER
SODIUM HYPOCHLORITE 15% (IN BULK)**

Sodium Hypochlorite shall be in accordance with the Standard for Hypochlorites, AWWA B300-87, or the latest revision, except as modified or supplemented herein. Price bid shall be the delivered price to each respective department listed below. **CHEMICAL must be NSF approved. Attach Certification Paperwork.** Typical properties shall be as follows:

Sodium Hypochlorite, Expressed in grams/liter	
Available chlorine	- 15.0% minimum
Available chlorine weight	- 12.7% minimum
Excess alkalinity, % by weight as N OH	- 0.9 – 1.8
Color	- greenish – yellow
Clarity	- crystal clear
Copper	- less than 1 PPM
Nickel	- less than 1 PPM
Cobalt	- less than 1 PPM
Manganese	- less than 1 PPM
Iron	- less than 1 PPM
Aluminum	- less than 1 PPM
Calcium	- less than 30 PPM
Magnesium	- less than 30 PPM
Sodium Chloride, % by weight (maximum)	- 10.50
Sodium Chloride, % by weight	- 1.2 maximum

The concentration of Sodium Hypochlorite shall be between 12.7 to 15.00 percent in the tank after delivery. The supplier shall account for the loss of concentration due to agitation in route and during loading and unloading. The City reserves the right to conduct quality testing during the contract period. If the test results shows the product is below these standards, the product shall be removed and replaced by the supplier at no additional cost the City of Meriden.

SODIUM HYPOCHLORITE must be manufactured in the United States of America and the supplier shall certify this compliance with the specification for each shipment. No Exceptions.

INVOICING:

The City of Meriden requires Purchase Order numbers on all correspondence. Failure to supply this information may result in delay of payment. All invoices must be mailed to the appropriate department.

CONTINUED ON NEXT PAGE

DEPARTMENT OF PUBLIC UTILITIES

ITEM 1) WATER POLLUTION CONTROL FACILITY AND WATER – IN BULK

Deliveries shall be made to the Water Pollution Control Facility at 226 Evansville Avenue, South Meriden, CT 06451 or to Broad Brook Water Treatment Facility at 1285 South Meriden Road, Cheshire, CT 06410 IN BULK loads of 2,000 gallons per delivery to either location. Note: There may be instances when WPCF and WATER request deliveries on the same day.

SODIUM HYPOCHLORITE must be manufactured in the United States of America and the supplier shall certify this compliance with the specification for each shipment. No Exceptions.

CHEMICAL must be NSF approved. Attach Certification Paperwork.

Combined anticipate annual demand for both location is 62,000 gallons in BULK, as follows:

Anticipated WPCF annual BULK usage is 30,000 gallons in 2,000 gallon deliveries.

Anticipated WATER Dept. annual BULK usage is 32,000 gallons in 2,000 gallon deliveries.

A 48 hour advance notice of delivery is required by either calling the Water Pollution Control Facility at (203) 630-4261 or calling the Water Division office at (203) 630-4256. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

Bidder shall submit Product Data Sheets and Safety Data Sheets WITH their bids.

SPECIFICATIONS B023-45

ITEM #2

**CALCIUM HYPOCHLORITE (HTH) for Water and WPCF
(In 25-pound corrosive resistant containers)**

Calcium Hypochlorite (HTH) shall be in accordance with the standard for Hypochlorites, AWWA B300-64, or the latest revision thereof, except as modified or supplemented herein. HTH shall contain not less than 65% available chlorine by weight when shipped. Calcium Hypochlorite shall conform to all current Environmental Protection Agency Rules and Regulations.

The price bid shall be the delivered price to the Water Pollution Control Facility at 226 Evansville Avenue, South Meriden CT 06451 or to the Broad Brook Water Treatment Facility, 1285 South Meriden Rd, Cheshire, CT 06410.

Deliveries to both locations shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

Chemical must be NSF approved. Attach Certification Paperwork.

QUANTITY SPECIFICATIONS:

Deliveries shall be ordered in 10 - 25-pound corrosive-resistant containers, in lots of 250 pounds.

Available Chlorine: 65% min.

Appearance: White free flowing granular material free of foreign matter.

Product shall meet or exceed AWWA Standards for Calcium Hypochlorite.

CALCIUM HYPOCHLORITE must be manufactured in the United States of America and the supplier shall certify this compliance with the specification for each shipment. No Exceptions.

Anticipated annual demand is 250 pounds.

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Pollution Control Facility at (203) 630-4261 or the Water Division office at (203) 630-4256. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

All bidders shall submit Product Data Sheets and Safety Data Sheets WITH their bids.

SPECIFICATIONS B023-45

ITEM #3 LIQUID CAUSTIC SODA 25% in BULK for Water

LIQUID CAUSTIC SODA 25% for Water Division IN BULK:

Liquid Caustic Soda 25% shall be in accordance with the AWWA Standard B501, or the latest revision thereof, except as modified or supplemented herein.

Bidder shall attach to this bid an affidavit that the Caustic Soda furnished complies with all applicable requirements of AWWA B501, or latest revision.

The price bid shall be the delivered price to any of the four plants listed below.

Bidders shall also state the percentage of Sodium Hydroxide in the Caustic Soda solution.

CHEMICAL must be NSF approved. Attach Certification Paperwork.

ITEM 3A) BULK LOADS of LIQUID CAUSTIC SODA 25%:

Deliveries shall be as ordered in bulk loads from 1,500 to 3,500 gallons of Caustic Soda to be received by one of four plants or divided between plants.

Liquid Caustic Soda shall be shipped in bulk tank trucks equipped with sufficient length of hose (20 feet-minimum) to reach storage tanks, and proper hose connections to fit plant supply connections.

Maximum storage capacity of each plant is as follows:

Broad Brook Plant	- 6,000 gallons	1285 South Meriden Road, Cheshire CT 06410
Merimere Filtration Plant	- 3,000 gallons	78 Reservoir Avenue, Meriden CT
Elmere Filtration Plant	- 3,000 gallons	2700 Chamberlain Hwy, Berlin CT 06037
Bradley & Hubbard Filtration Plant	- 2,000 gallons	800 Westfield Road, Meriden CT

Anticipated annual demand is 22,000 gallons in BULK

ITEM #3B LIQUID CAUSTIC SODA 50% in 55-GALLON DRUMS

ITEM 4B) 55-GALLON DRUMS:

Deliveries shall be in lots of 2- (55-gallon drums) to be received at Broad Brook Water Treatment Facility at 1285 South Meriden Road, Cheshire, CT 06410.

Anticipated annual demand is 36 - 55-gallon drums

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Division office at (203) 630-4256.

Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

All bidders shall submit Product Data Sheets and Safety Data Sheets WITH their bids.

SPECIFICATIONS B023-45

ITEM #4

LIQUID ALUMINUM SULFATE for Water Division IN BULK

Liquid Aluminum Sulfate shall be in accordance with the AWWA Standard B403 for Aluminum Sulfate Liquid, or the latest revision thereof, except as modified or supplemented herein.

Percentage of AL₂O₃ in the liquid solution shall be specified. **Aluminum Sulfate must be for potable water.**

The price bid shall be the delivered price to plant listed below.

CHEMICAL must be NSF approved. Attach Certification Paperwork.

QUANTITY SPECIFICATIONS:

Shipment shall be as ordered **IN BULK LOADS** from 1,000 gallons.

Liquid Aluminum Sulfate shall be shipped in bulk tank trucks equipped with sufficient length of hose (20 feet-minimum) to reach storage tanks, and proper hose connections to fit plant supply connections.

Maximum storage capacity of this plant is as follows:

Bradley & Hubbard Filtration Plant at 800 Westfield Road, Meriden CT - **1,500 gallons**

Anticipated annual demand is 2,000 gallons in BULK

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Division office at (203) 630-4256. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

All bidders shall submit Product Data Sheets and Safety Data Sheets **WITH their bids.**

SPECIFICATIONS B023-45

ITEM #5
LIQUID SODIUM PERMANGANATE for WATER DIVISION
(In 275-gallon Totes)

The Liquid Sodium Permanganate shall be in accordance with the AWWA Standard B603-03, or the latest revision thereof, except as modified or supplemented herein.

Liquid Sodium Permanganate shall be shipped in 275-gallon totes.

Assay: 19.5 – 21.5% as NaMnO₄

pH: 5.0 – 8.0

Solubility in Water: Miscible with water in all proportions

Formula: NaMnO₄

Specific Gravity: 1.15 – 1.17

Freezing Point: 21 degree F, (-6 degree C)

Price bid shall be the delivered price to the Broad Brook Water Treatment, 1285 South Meriden Road, Cheshire CT 06410.

LIQUID SODIUM PERMANGANATE must be manufactured in the United States of America and the supplier shall certify this compliance with the specification for each shipment. No Exceptions.

Chemical must be certified by the National Sanitation Foundation (NSF) to ANSI/NSF Standard 60: Drinking Water Treatment Chemicals – Health Effects. Attach Certification Paperwork.

QUANTITY SPECIFICATIONS:

Totes shall be shipped as ordered in lots of 2- 275 gallon totes, delivered to the Broad Brook Water Treatment Plant at 1285 South Meriden Road, Cheshire CT 06410. Empty totes to be removed by Driver as new ones are delivered.

Anticipated annual demand is 3,000 gallons in 275 gallon totes

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Division office at (203) 630-4256. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

All bidders shall submit Product Data Sheets and Safety Data Sheets WITH their bids.

SPECIFICATIONS B023-45

ITEM #6

SODIUM FLUORIDE for Water Division (In 50-Pound [or 25 kilogram] Bags)

Sodium Fluoride shall be in accordance with the AWWA Standard B701, or the latest revision thereof, except as modified or supplemented herein.

Bidder shall attach to this Bid an affidavit that the Sodium Fluoride furnished complies with all applicable requirements of AWWA B701. The Sodium Fluoride supplies under this standard shall be the fine crystalline grade.

The price bid shall be the delivered price to the Broad Brook Water Treatment Facility at 1285 South Meriden Road, Cheshire, CT 06410.

Chemical must be NSF approved. Attach Certification Paperwork.

QUANTITY SPECIFICATIONS:

Shipment shall be in lots of 6,000 pounds, in 50 pound (or 25 kilogram) bags, plastic wrapped and properly palletized to a capacity of approximately one (1) ton per pallet.

Bags shall be of sufficient strength to arrive at the destination unbroken. The bag shall also have some type of plastic liner to prevent moisture from lumping the chemical.

Anticipated annual demand is 28,600 pounds in 50 pound bags (or 25 kg bags)

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Division office at (203) 630-4256. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

All bidders shall submit Product Data Sheets and Safety Data Sheets WITH their bids.

SPECIFICATIONS B023-45

ITEM #7
GRANULAR PHOSPHATE BLEND for Water Division
(In 5-Gallon Polyethylene Pails)

Phosphate blend must contain a 50% blend of Ortho and a 50% blend of Poly Phosphate. Percentage shall be listed on the proposal form. Phosphate blend must be a Granular white powder packaged in 5 gallon polyethylene pails.

Bidders shall attach to the bid an affidavit that the Phosphate furnish complies with the requirements of the State of Connecticut, Department of Health. Phosphate must be in accordance with AWWA specifications.

Price bid shall be the delivered price to the Broad Brook Water Treatment Facility at 1285 South Meriden Road, Cheshire, CT 06410.

Shipments shall be ordered in lots of 6,000 pounds (in 5-gallon polyethylene pails) and properly palletized.

Chemical must be NSF approved. Attach Certification Paperwork.

Other properties required:

Odor:	None
Density:	77 lb/cu.ft. – loose 81 lb/cu.ft. – packed
pH (1% Solution):	5.8
Solubility (lb/gal):	5.5
Weight (per 5 gallon pail)	No more than 50 lbs.

Anticipated annual demand is 45,000 pounds in 5-gallon polyethylene pails

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Division office at (203) 630-4256. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

All bidders shall submit Product Data Sheets and Safety Data Sheets WITH their bids.

SPECIFICATIONS B023-45

ITEM #8
ACTIVATED CARBON – For WPCF
(In 1,000-POUND DISPENSABLE SACKS)

Activated carbon shall be virgin (example - not reactivated) and shall not be impregnated or catalytically modified. Activated carbon shall be delivered in **1,000 lb. dispensable super sacks or in 40 lb. bags, both of which shall be plastic wrapped and properly palletized** for handling and dispensing to the Meriden Water Pollution Control Facility, 226 Evansville Avenue, South Meriden CT 06451.

Activated Carbon shall be:

H2S Capacity (ASTM D6646) g/ml	0.2 (minimum)
Ball Pan Hardness Number:	85 (minimum)
Density (lbs./ft.3):	31
Moisture as Packed by Weight:	5% (maximum)
Diameter (mm pellet):	4
Carbon Tetrachloride Activity (g/100g)	20

ACTIVATED CARBON - Must be manufactured in the United States of America and the supplier shall certify this compliance with the specification for each shipment. No Exceptions.

Should quality tests performed during the contract period result in a products below these standards, the product shall be removed and replaced by the Supplier at no additional cost to the City of Meriden. If your product continues to fall below our standards, the City reserves the right to obtain the chemical from another source.

***Anticipated Annual Demand is 19,000 pounds.
Ordered in delivery of 19,000 lbs. in 1,000 lb. dispensable
super sacks or up to 2,000 lbs of order will be in 40 lb. bags,
State on Proposal form your chemical weight per cubic foot.
There are no restrictions on pallet size***

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Pollution Control Facility at (203) 630-4261. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M. to WPCF, 226 Evansville Avenue, South Meriden CT 06451. All bidders shall submit Product Data Sheets and Safety Data Sheets (SDS) **WITH** their bids.

SPECIFICATIONS B023-45

ITEM #9
POWDERED ACTIVATED CARBON for Water Division
(In 800-Pound Super Sacks)

Powdered Activated Carbon shall be in accordance with the AWWA Standard B600, for Powdered Activated Carbon, or the latest revision thereof, except as modified or supplemented herein.

Bid price shall be the delivered price to the Broad Brook Filtration Plant, 1285 S. Meriden Road (Rte. 70), Cheshire CT 06410.

Chemical must be NSF approved. Attach Certification Paperwork.

QUANTITY SPECIFICATIONS:

Delivery shall be as ordered in lots of 3 - 800 Pound Super Sacks, plastic wrapped and properly palletized.

Anticipated Annual Demand is 2,400 pounds in 800 pound Super Sacks

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Division office at (203) 630-4256 or the Broad Brook Filtration Plant at (203) 630-4262. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

All bidders shall submit Product Data Sheets and Safety Data Sheets WITH their bids.

SPECIFICATIONS B023-45

**ITEM #10
LIQUID FERRIC CHLORIDE IN BULK for WPCF**

Ferric Chloride shall meet or exceed all AWWA Standards for Ferric Chloride.

Price shall be the delivered price to the Water Pollution Control Facility, 226 Evansville Avenue, South Meriden CT 06451.

The concentration for Ferric Chloride shall be:

FeCl₃ = 37 - 42%
Fe (III) = 12.7 – 14.5%
Fe (II) = <0.5%
FREEHCL = <1.0%

In the tank after delivery

Deliveries shall be ordered in Bulk loads of 3,000 - 4,000 gallons.

Ferric Chloride shall be shipped in bulk tank trucks equipped with sufficient length of hose to reach storage tank and proper hose connections to fit Plant supply connections.

Should quality tests performed during the contract period result in a product below these Standards, the product shall be removed and replaced the Supplier at no additional cost to the City of Meriden. If your product continues to fall below our standards, the City reserves the right to obtain the chemical from another source.

LIQUID FERRIC CHLORIDE must be manufactured in the United States of America and the supplier shall certify this compliance with the specification for each shipment. No Exceptions.

Anticipated Annual Demand is 20,000 gallons in BULK

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Pollution Control Facility at (203) 630-4261. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M. to WPCF, 226 Evansville Avenue, South Meriden CT 06451.

All bidders shall submit Product Data Sheets and Safety Data Sheets (SDS) WITH their bids.

SPECIFICATIONS B023-45

ITEM #11

POLYALUMINUM CHLORIDE LIQUID (PACL) IN BULK for Water Division

Polyaluminum Chloride liquid shall be in accordance with AWWA standard ANSI/AWWA B408-03, or the latest revision thereof, except as modified or supplemented herein.

Price bid shall be the delivered price to the designated plants listed below.

Chemical must be NSF approved. Attach Certification Paperwork.

Supplier is to provide product analysis.

Companies choosing to bid may be required to pre-qualify their product by running cold water and warm water full scale evaluations at the treatment plant. The Water Division reserves the right to disqualify bidders if test results fail to meet the testing criteria for the plant.

The PACL shall have the following specifications:

A1203	10.5 +/- 0.3%
Basicity	65 -75%
Specific Gravity	1.22 – 1.27
Sulfate	1.6% +/- 0.3%

Supplier shall be required to make a plant visit at least three times per year and provide annual jar testing for optimization at no cost to the City.

Price bid shall be delivered in minimum Bulk loads of 3,000 gallons to be received by one of three plants or divided between them. It shall be shipped in bulk tanks equipped with sufficient length of hose (20 feet minimum) to reach storage tank. Also, proper hose connections are required to fit plant supply connections.

Maximum storage capacity of each plant is as follows:

Merimere Treatment Plant	- 3,000 gallons
Elmere Treatment Plant	- 3,000 gallons
Broad Brook Treatment Plant	– 5,000 gallons

Anticipated Annual Demand is 56,000 gallons in BULK

DELIVERY INSTRUCTIONS:

A 48 hour advance notice of delivery is required by calling the Water Division office at (203) 630-4256. Deliveries shall be on a weekday (Monday through Friday, excluding holidays), and between the hours of 7:00 A.M. and 1:00 P.M.

All bidders shall submit Product Data Sheets and Safety Data Sheets WITH their bids.

REQUEST FOR STATUS AS A MERIDEN BASED BUSINESS B023-45

Bidders are specifically advised that the City of Meriden has adopted Code 3-13A which requires, but is not limited to, a local preference requiring, in part, that a “City based business” shall mean a business with its principal place of business located within the boundaries of the City of Meriden. A business shall not be considered a “City based business” unless evidence satisfactory to the Purchasing Department has been submitted with each bid by said business to establish that it has a bona fide principal place of business in the City of Meriden. Such evidence may include evidence of ownership or a long term lease of the real estate from which the principal place of business is operated, or payment of property taxes on the personal property of the business.

In determining the lowest responsible bidder, the Purchasing Department shall also consider the following:

1) Any City based business bidder which has submitted a bid not more than ten (10%) percent higher than the low bid.

Such City based business shall agree to accept the award of the bid at the amount of the low bid. The acceptance shall be submitted in writing to the Purchasing Department no later than the same time of the bid opening on the next business day following the opening of the bid.

If more than one City based business bidder have submitted bids not more than ten (10%) percent higher than the low bid and have agreed to accept the award of the bid at the amount of the low bid, the lowest responsible bidder shall be that one which has submitted the lowest bid.

This section shall not apply in those instances where the bid requested involves a cooperative purchasing arrangement between the City of Meriden and other municipalities or the State of Connecticut.

The bidder may submit any additional information he/she desires that he/she feels establishes the company as a city based business, including but not limited to; evidence of ownership, a long term lease of the real estate from which the principal place of business is operated, or payment of property taxes on the personal property of the business.

1) Name of Bidder: _____

2) Meriden’s Office Address: _____

3) Type of ownership: Minority owned: _____ Yes _____ No

4) If a corporation, where incorporated: _____

5) Former name (if applicable): _____

6) The undersigned hereby authorizes and requests any persons, firms, or corporations to furnish any information requested by the City of Meriden, in verification of the recitals comprising this Request for Status as a City Based Business.

Dated at: _____ this: _____ day of _____, 2023

Name of bidder: _____

By: _____ Title: _____

IF REQUESTING STATUS AS A MERIDEN BASED BUSINESS, SUBMIT THIS FORM WITH YOUR PROPOSAL.

1. Minority owned business? _____ yes _____ no
2. Years organized. _____
3. Is your company a corporation _____ yes _____ no
If yes where incorporated? _____
4. How many years have you been engaged in business under your present firm name? _____
5. Former Firm Name (if any) _____
6. List total number of Personnel _____
7. Is any principal of your firm an employee or public official of the City of Meriden, or an immediate family member of an employee or public official of the City of Meriden? (Definition of immediate family includes: an individual's spouse, fiancé or fiancée; the parent, brother or sister of such individual or spouse; and the child of such individual or the spouse of such child.)
_____ yes _____ no
8. List Vehicles and Equipment that you will use to perform this work: (show age of vehicles and equipment, sizes, capacities, etc.)

9. List the work to be performed by Subcontractors and summarize the dollar value of each subcontract.

10. List the name and address of the more important contracts recently completed by you, starting the approximate gross cost for each, and the month and year completed:

11. General character of work performed by you _____

12. Have you ever failed to complete any contract awarded to you? If so, where and why?

PROPOSAL

B023-45

For: CHEMICALS

For: VARIOUS DEPARTMENTS

Date of Opening: **May 18, 2023**
11:00 AM, Prevailing Local Time

To: Rawle Dummett
Purchasing Officer
142 East Main Street, Room 210
Meriden, CT 06450-8022

The undersigned, _____, doing business in the City/Town
(Company Name)

of _____, in the State of _____, submits herewith, in conformity with
the general instructions, conditions and specifications the following:

ITEM 1) SODIUM HYPOCHLORITE IN BULK for VARIOUS DEPARTMENTS:

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

Product Data Sheets and SDS attached? Yes _____ No _____

1) Delivered PRICE PER GALLON (in **BULK for WPCF AND WATER**) deliveries for **12-MONTH PERIOD**
(7/1/23 - 6/30/24), Combined Anticipated Annual Demand – **62,000 gallons:**

—
_____ \$ _____
Written Figures Dollars & Cents

ITEM 2) CALCIUM HYPOCHLORITE (HTH) – (For Water & WPCF) IN 25-POUND CORROSIVE
RESISTANT CONTAINERS - ANTICIPATED COMBINED ANNUAL DEMAND: 250 POUNDS:

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

Product Data Sheets and attached? Yes _____ No _____

Delivered PRICE PER POUND (for **25 pound containers**) for **12-MONTH PERIOD (7/1/23 - 6/30/24):**

_____ \$ _____
Written Figures Dollars & Cents

ITEM 3A) LIQUID CAUSTIC SODA 25% – (FOR WATER) IN BULK – ANTICIPATED ANNUAL DEMAND: 22,000 gallons (split between four plants):

Percentage of Sodium Hydroxide in solution _____%

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

If not manufactured in USA, then where?: _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER GALLON (in **BULK**) for a **12-MONTH PERIOD (7/1/23 - 6/30/24)**:

_____ \$ _____
Written Figures Dollars & Cents

ITEM 3B) LIQUID CAUSTIC SODA 50% – (FOR WATER) IN 55-GALLON DRUMS – ANTICIPATED ANNUAL DEMAND: 36 Drums:

Percentage of Sodium Hydroxide in solution _____%

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

If not manufactured in USA, then where?: _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER GALLON (in **55-GALLON DRUMS**) for a **12-MONTH PERIOD (7/1/23 - 6/30/24)**:

_____ \$ _____
Written Figures Dollars & Cents

ITEM 4) LIQUID ALUMINUM SULFATE – (FOR WATER) IN BULK – ANTICIPATED ANNUAL DEMAND: 2,000 gallons:

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

If not manufactured in USA, then where?: _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER GALLON (in **BULK**) for a **12-MONTH PERIOD (7/1/23 - 6/30/24)**:

_____ \$ _____
Written Figures Dollars & Cents

ITEM 5) LIQUID SODIUM PERMANGANATE (FOR WATER) IN 275-GALLON TOTES – ANTICIPATED ANNUAL DEMAND: 3,000 gallons:

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER GALLON (in 275-GALLON TOTES) for a PERIOD FROM (7/1/23 - 6/30/24):

_____ \$ _____
Written Figures Dollars & Cents

ITEM 6) SODIUM FLUORIDE (FOR WATER) IN 50-POUND (or 25 kilogram) BAGS – ANTICIPATED ANNUAL DEMAND: 28,600 pounds:

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

If not manufactured in USA, then where?: _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER POUND (in 50-POUND BAGS) for a 12-MONTH PERIOD (7/1/23 - 6/30/24):

_____ \$ _____
Written Figures Dollars & Cents

State Container Size: _____

ITEM 7) GRANULAR PHOSPHATE BLEND (FOR WATER) IN 5 Gallon POLYETHYLENE PAILS– ANTICIPATED ANNUAL DEMAND: 45,000 pounds:

PERCENTAGE OF ORTHO: _____% PERCENTAGE OF POLY PHOSPHATE: _____%

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

If not manufactured in USA, then where?: _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER POUND (in 5-Gallon Pails) for a 12-MONTH PERIOD (7/1/23 - 6/30/24):

_____ \$ _____
Written Figures Dollars & Cents

**ITEM 8) ACTIVATED CARBON (IN 1,000 POUND Dispensable SUPER SACKS or in 40 lb Bags)
(FOR WPCF) - ANTICIPATED ANNUAL DEMAND – 19,000 pounds:**

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

Product Data Sheets and SDS attached? Yes _____ No _____

CHEMICAL WEIGHT PER CUBIC FOOT: _____

Delivered PRICE PER POUND (in **1,000 LB Dispensable Super Sacks or in 40 lb Bags**) for a **12-MONTH PERIOD (7/1/23 - 6/30/24)**:

What size container?

_____ \$ _____
Written Figures Dollars & Cents

**ITEM 9) POWDERED ACTIVATED CARBON (IN 800 POUND Dispensable SUPER SACKS)
(FOR Water) - ANTICIPATED ANNUAL DEMAND – 2,400 pounds:**

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

If not manufactured in USA, then where?: _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER POUND (in **800 LB Dispensable Super Sacks**) for a **12-MONTH PERIOD (7/1/23 - 6/30/24)**:

_____ \$ _____
Written Figures Dollars & Cents

**ITEM 10) LIQUID FERRIC CHLORIDE (IN BULK) - (FOR WPCF)-ANTICIPATED ANNUAL DEMAND
is 20,000 gallons:**

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER GALLON (in **BULK**) for a **12-MONTH PERIOD (7/1/23 - 6/30/24)**:

_____ _____
Written Figures Dollars & Cents

ITEM 11) POLYALUMINUM CHLORIDE LIQUID (PACL) (IN BULK) - FOR WATER, ANTICIPATED ANNUAL DEMAND is 56,000 gallons:

Manufacturer: _____ Manufactured in the USA?: Yes _____ No _____

If not manufactured in USA, then where?: _____

Product Data Sheets and SDS attached? Yes _____ No _____

Delivered PRICE PER GALLON (in BULK) for a 12-MONTH PERIOD (7/1/23 - 6/30/24):

Written Figures

Dollars & Cents

LIST ANY CHEMICALS THAT CANNOT BE DELIVERED WITHIN FIVE (5) BUSINESS DAYS AFTER PLACEMENT OF ORDER AND STATE ESTIMATED DELIVERY TIME:

WILL YOUR COMPANY ACCEPT A P-CARD AS PAYMENT? Yes _____ No _____

PAYMENT TERM DISCOUNT: _____ % net _____

DOES THIS DISCOUNT APPLY WHEN PAYING WITH A P-CARD? Yes _____ No _____

Receipt of Addenda is Acknowledged:

No.: _____ Dated: _____

No.: _____ Dated: _____

Name of Bidder: _____

Address: _____

_____ Zip Code _____

By: _____

(Please print or type)

Title

Signature: _____

Dated: _____ Telephone: _____ Fax: _____ E-mail Address: _____

Please Note: All spaces must be filled in with figures or words or your bid may be automatically rejected. Attach the Non-Collusive Bid Statement, Product Data Sheets, SDS, Request for Status as a Meriden Based Business (if applicable) and this Proposal.

B023-45 CHEMICALS

Insurance Requirements- Chemical Purchase & Delivery

Vendor/Distributor shall agree to maintain in force at all times during the contract the following minimum coverages and shall name The City of Meriden as Additional Insured on a primary and non-contributory basis to all policies except Workers Compensation. All policies should also include a Waiver of Subrogation. Insurance shall be written with Carriers approved in the State of Connecticut and with a minimum AM Best's Rating of "A-" VIII. In addition, all Carriers are subject to approval by City of Meriden.

		(Minimum Limits)
General Liability	Each Occurrence	\$1,000,000
	General Aggregate	\$2,000,000
	Products/Completed Operations Aggregate	\$2,000,000
	Endorsements to be included:	
	<ul style="list-style-type: none">• Pollution Liability	
Auto Liability	Combined Single Limit	
	Each Accident	\$1,000,000
	Endorsements to be included:	
	<ul style="list-style-type: none">• MCS-90• Pollution Liability (CA9948)	
Umbrella (Excess Liability)	Each Occurrence	\$1,000,000
	Aggregate	\$1,000,000

If any policy is written on a "Claims Made" basis, the policy must be continually renewed for a minimum of two (2) years from the completion date of this contract. If the policy is replaced and/or the retroactive date is changed, then the expiring policy must be endorsed to extend the reporting period for claims for the policy in effect during the contract for two (2) years from the completion date.

Workers' Compensation and Employers' Liability	WC Statutory Limits	
	EL Each Accident	\$500,000
	EL Disease Each Employee	\$500,000
	EL Disease Policy Limit	\$500,000

Original, completed Certificates of Insurance must be presented to City of Meriden prior to contract issuance. Vendor/Contractor agrees to provide replacement/renewal certificates at least 60 days prior to the expiration date of the policies.