

STATE OF NORTH CAROLINA

AGREEMENT

COUNTY OF UNION

THIS AGREEMENT is made and entered into as of \_\_\_\_\_, by and between UNION COUNTY, a political subdivision of the State of North Carolina, whose address is 500 North Main Street, Monroe, NC 28112, hereinafter “Union,” and Shannon Chemical Corporation, a Pennsylvania corporation authorized to do business in North Carolina, whose address is P.O. Box 376, Malvern, PA 19355, hereinafter “Contractor.”

W I T N E S S E T H

WHEREAS, Contractor is a supplier of certain water treatment chemicals, specifically Ortho-Polyphosphate 40%, hereinafter referred to as “Goods;” and

WHEREAS, Union desires to purchase such Goods from Contractor on an as-needed basis; and

WHEREAS, Contractor is willing to provide such Goods to Union as described in this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements hereinafter set forth, the parties hereto do each contract and agree with the other as follows:

1. GOODS PROVIDED. Contractor agrees to provide the Goods in accordance with the specifications in the Invitation for Bids No. 2026-034, Yadkin River Water Treatment Plant Chemical Ortho-Polyphosphate 40%, as modified by Addendum 1 dated January 21, 2026, Addendum 2 dated January 23, 2026, and Addendum 3 dated January 29, 2026 (hereinafter collectively referred to as the “IFB”), which IFB is attached and incorporated herein by reference. Contractor shall provide the Goods on an as-needed basis, upon request by Union for such Goods. Union shall provide a purchase order number to Contractor prior to any Goods being delivered. Contractor shall not be required to provide installation services pursuant to this Agreement, unless otherwise stated in the IFB. Union reserves the right to contract with other entities for the same or similar Goods and does not guarantee the purchase of any minimum amount of Goods pursuant to this Agreement.

2. FEE AND PAYMENT SCHEDULE. Union shall pay Contractor for purchase of the Goods in accordance with the “Appendix A – Price Form,” which is attached and incorporated herein by reference. Contractor shall invoice Union for Goods after each delivery requested by Union has been completed pursuant to Section 1 herein. Contractor’s invoice must reference the purchase order number issued by Union. Payment is due within thirty (30) days of receipt of an accurate invoice by Union’s Finance Department. All payments shall be conditioned upon appropriation by the Union County Board of Commissioners of sufficient funds for each request for services.

If the Agreement is renewed for additional terms in accordance with Section 4 herein, at the beginning of each renewal term, Contractor may adjust the prices listed in “Appendix A – Price Form” in accordance with Section 8.6 of the IFB.

3. DELIVERY SCHEDULE. Contractor shall deliver Goods described in Section 1 herein in accordance with the IFB.

4. TERM AND TERMINATION. The Effective Date is the date of mutual execution of this Agreement. This Agreement shall have a term of one (1) year (the “Initial Term”). Upon completion of the Initial Term, Union may, in its sole discretion, elect to renew this Agreement for up to four (4) additional one (1) year terms (each a “Renewal Term”) upon written notice to the Contractor. Union may terminate this Agreement at any time, with or without cause, by notification to Contractor in writing. In the event of termination without cause, Contractor shall be paid for Goods delivered to the date of notification of termination by Union.

5. OWNERSHIP OF DOCUMENTS. All deliverables and any other contract documents prepared by Contractor, or any subcontractors or subconsultants under the terms of this Agreement (“the Documents”), shall be the property of Union. Contractor further acknowledges that Union is subject to Chapter 132 of the North Carolina General Statutes, the Public Records Act (the “Act”), and that this Agreement, as well as any of the Documents as defined herein, shall be a public record as defined in such Act, and as such, will be open to public disclosure and copying.

6. INSURANCE. The attached Exhibit A, Insurance Requirements, is incorporated herein by reference.

7. INDEMNIFICATION. Contractor agrees to protect, defend, indemnify and hold Union, its officers, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings, or causes of action of every kind in connection with or arising out of this Agreement and/or the performance hereof that are due, in whole or in part, to the negligence of Contractor, its officers, employees, subcontractors or agents. Contractor further agrees to investigate, handle, respond to, provide defense for, and defend the same at its sole expense and agrees to bear all other costs and expenses related thereto.

8. FEDERAL, STATE, AND LOCAL TAXES. Neither federal, nor state, nor local income tax nor payroll tax of any kind shall be withheld or paid by Union on behalf of Contractor or the employees of Contractor. Contractor shall not be treated as an employee with respect to the services performed hereunder for federal or state tax purposes.

9. NOTICE TO CONTRACTOR REGARDING ITS TAX DUTIES AND LIABILITIES. Contractor understands that Contractor is responsible to pay, according to law, Contractor’s income tax. If Contractor is not a corporation, Contractor further understands that Contractor may be liable for self-employment (social security) tax, to be paid by Contractor according to law.

10. FRINGE BENEFITS. Because Contractor is engaged in Contractor’s own independently established business, Contractor is not eligible for, and shall not participate in, any employee pension, health or other fringe benefit plan of Union.

11. UNION NOT RESPONSIBLE FOR WORKERS' COMPENSATION. No workers' compensation insurance shall be obtained by Union concerning Contractor or the employees of Contractor. Contractor shall comply with the workers' compensation law concerning Contractor and the employees of Contractor.

12. NO AUTHORITY TO BIND UNION. Contractor has no authority to enter into contracts or agreements on behalf of Union. This Agreement does not create a partnership or any form of agency between the parties.

13. ASSIGNMENT. Neither Union nor Contractor shall assign, sublet or transfer any rights under or interest in this Agreement (including, but without limitation, monies that may become due or monies that are due) without the written consent of the other, except to the extent that any assignment, subletting or transfer is mandated by law or the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to assignment, no assignment shall release or discharge the assignor from any duty or responsibility under this Agreement.

14. NON-WAIVER. The failure of either party to exercise any of its rights under this agreement for a breach thereof shall not be deemed to be a waiver of such rights or a waiver of any subsequent breach.

15. HOW NOTICES SHALL BE GIVEN. Any notice given in connection with this agreement shall be given in writing and shall be delivered either by hand to the party or by certified mail, return receipt requested, to the party at the party's address stated herein. Any party may change its address stated herein by giving notice of the change in accordance with this paragraph.

16. APPLICABLE LAW AND JURISDICTION. This Agreement shall be construed and enforced in accordance with the laws of the State of North Carolina. The parties to this Agreement confer exclusive jurisdiction of all disputes arising hereunder upon the General Courts of Justice of Union County, North Carolina.

17. COMPLETE AGREEMENT. This Agreement contains the complete agreement of the parties regarding the terms and conditions of the Agreement, and there are no oral or written conditions, terms, warranties, understandings or other agreements pertaining thereto which have not been incorporated herein. This Agreement may be modified only by written instrument duly executed by both parties, or their respective successors in interest.

18. SEVERABILITY. The provisions hereof are severable, and should any provision be determined to be invalid, unlawful or otherwise null and void by any court of competent jurisdiction, the other provisions shall remain in full force and effect and shall not thereby be affected unless such ruling shall make further performance hereunder impossible or impose an unconscionable burden upon one of the parties.

19. AUTHORITY. Each party warrants that it has the corporate or other organizational power and authority to execute, deliver and perform this Agreement. Each party further warrants that the execution, delivery and performance by it of the Agreement has been duly authorized and approved by all requisite action of the party's management and appropriate governing body.

20. E-VERIFY. E-Verify is the federal program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program, used to verify the work authorization of newly hired employees pursuant to federal law. Contractor shall ensure that Contractor and any subcontractor performing work under this Agreement: (i) uses E-Verify if required to do so by North Carolina law; and (ii) otherwise complies with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. A breach of this provision by Contractor will be considered a breach of this Agreement, which entitles Union to terminate this Agreement, without penalty, upon notice to Contractor.

IN WITNESS WHEREOF, the parties hereto, acting under authority of their respective governing bodies, have hereunto set their hands and seals, and have caused this Agreement to be duly executed, this the day and year first above written.

UNION COUNTY

BY: \_\_\_\_\_ (SEAL)  
Brian W. Matthews, County Manager

SHANNON CHEMICAL CORPORATION

BY: \_\_\_\_\_ (SEAL)

Approved as to Legal Form NAR

This instrument has been preaudited in the manner required by  
The Local Government Budget and Fiscal Control Act.

\_\_\_\_\_  
Deputy Finance Officer

**Exhibit A**  
**Insurance Requirements**

**I. BASIC INSURANCE REQUIREMENTS.** At Contractor's sole expense, Contractor shall procure and maintain the following minimum insurances with insurers authorized to do business in North Carolina and rated A-VII or better by A.M. Best, or as otherwise authorized by the Union County Risk Manager.

A. **WORKERS' COMPENSATION**  
Statutory (coverage for three or more employees) limits covering all employees, including Employer's Liability with limits of:

\$500,000	Each Accident
\$500,000	Disease - Each Employee
\$500,000	Disease - Policy Limit

B. **COMMERCIAL GENERAL LIABILITY**  
Covering all operations involved in this Agreement.

\$2,000,000	General Aggregate
\$2,000,000	Products/Completed Operations Aggregate
\$1,000,000	Each Occurrence
\$1,000,000	Personal and Advertising Injury Limit

C. **COMMERCIAL AUTOMOBILE LIABILITY**

\$1,000,000	Combined Single Limit - Any Auto
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D. **POLLUTION LIABILITY INSURANCE**

\$1,000,000	Claims Made
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Contractor shall provide evidence of continuation or renewal of Pollution Liability Insurance for a period of two (2) years following termination of the Agreement.

**II. ADDITIONAL INSURANCE REQUIREMENTS.**

A. The Contractor's General Liability policy shall be endorsed, specifically or generally, to include the following as Additional Insured:

**UNION COUNTY, ITS OFFICERS, AGENTS AND EMPLOYEES ARE INCLUDED AS ADDITIONAL INSURED WITH RESPECT TO THE GENERAL LIABILITY INSURANCE POLICY.**

- B. Before commencement of any work or event, Contractor shall provide a Certificate of Insurance in satisfactory form as evidence of the insurances required above.
- C. Contractor shall have no right of recovery or subrogation against Union County (including its officers, agents and employees).
- D. It is the intention of the parties that the insurance policies afforded by Contractor shall protect both parties and be primary and non-contributory coverage for any and all losses covered by the above-described insurance.
- E. Union County shall have no liability with respect to Contractor's personal property whether insured or not insured. Any deductible or self-insured retention is the sole responsibility of Contractor.
- F. Notwithstanding the notification requirements of the Insurer, Contractor hereby agrees to notify County's Risk Manager at 500 North Main Street, Monroe, NC 28112, within two (2) days of the cancellation or substantive change of any insurance policy set out herein. Union, in its sole discretion, may deem failure to provide such notice as a breach of this Agreement.
- G. The Certificate of Insurance should note in the Description of Operations the following:
  - Department: Public Works – Water & Wastewater
  - Contract #: 10192
- H. Insurance procured by Contractor shall not reduce nor limit Contractor's contractual obligation to indemnify, save harmless and defend Union County for claims made or suits brought which result from or are in connection with the performance of this Agreement.
- I. Certificate Holder shall be listed as follows:
  - Union County
  - Attention: Risk Manager
  - 500 North Main Street
  - Monroe, NC 28112
- J. If Contractor is authorized to assign or subcontract any of its rights or duties hereunder and in fact does so, Contractor shall ensure that the assignee or subcontractor satisfies all requirements of this Agreement, including, but not limited to, maintenance of the required insurances coverage and provision of certificate(s) of insurance and additional insured endorsement(s), in proper form prior to commencement of services.

**10 APPENDIX A –PRICE FORM**

**IFB No. 2026-034  
Yadkin River Water Treatment Plant  
Ortho-Polyphosphate 40%**

*Submitting firms need not bid on all items for consideration.*

The undersigned proposes to furnish the following items in strict conformance with the bid specifications and bid invitation issued by Union County for this bid. The undersigned hereby certifies that this bid is made without prior understanding, agreement, or connection with any person(s), firm(s), or corporation(s) making bids or proposals. The bidder further certifies that he/she is not suspended or debarred from bidding by any federal, state, or local agency. Any exceptions are clearly marked in the attached copy of bid specifications.

**SUBMIT WITH BID**

**Failure to complete the following form(s) shall result in your Bid being deemed nonresponsive and rejected without any further evaluation.**

**The award will be made to the lowest, responsive, responsible bidder based on the Price per Gallon. Actual quantities purchased may be more than or less than estimated quantities. The price quoted shall be good for any quantity.**

Line Item	Chemical Description	Estimated Annual Quantities	Unit of Measure	Delivery Method	Price per Gallon	
1	Ortho-Polyphosphate 40%	7,000	Gallons	Tote/Tanker	\$8.07/gallon	
<b>Additional Fees:</b>					<b>Not Included in the Evaluation of Bids</b>	<b>Fees/Costs</b>
Tote Deposits, etc. - Explain:		None			\$0	

**I certify, under penalty of perjury, that I have the legal authorization to bind the firm hereunder:**

DCN-, PRESIDENT Daniel C. Flynn, President  
**Signature/Title of Person Authorized to Sign**      **Print Name/Title of Authorized Person**

Email dcflynn@shannonchem.com

Acknowledgement of Certificate of Analysis DCN- Daniel C. Flynn



**Invitation for Bid No. 2026-034**  
**Yadkin River Water Treatment Plant Chemical**  
**ORTHO-POLYPHOSPHATE 40%**

**Due Date:** January 28, 2026  
**Time:** 10:30 AM Local Time  
**Submittal Location:** Union County Procurement Department  
610 Patton Ave.  
Monroe, NC 28110

**Procurement Contact:**

Juan Rodriguez-Cruz  
Procurement Specialist  
704.283.3519  
[Juan.Rodriguez-Cruz@unioncountync.gov](mailto:Juan.Rodriguez-Cruz@unioncountync.gov)

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## 2 NOTICE OF ADVERTISEMENT

**Union County, North Carolina**  
**IFB No. 2026-034**  
**Yadkin River Water Treatment Plant Ortho-Polyphosphate 40%**

Sealed bids for the specified water treatment chemicals will be received by mail or hand delivery to Union County's Procurement Department until **10:30 AM** (local time) on **January 28, 2026** at the Union County Procurement Department, 610 Patton Avenue, Monroe, NC 28110 at which time the Bids will be publicly opened and read. **Late bids will not be accepted.**

If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate package plainly marked on the outside with the notation "BID ENCLOSED – 2026-034 Yadkin River Water Treatment Plant Chemical Ortho-Polyphosphate 40%" and shall be addressed to Union County Procurement Department, Juan Rodriguez-Cruz, 610 Patton Avenue, Monroe, NC 28110.

Bids will be received for a single prime contract. Bids shall be on a lump sum basis as indicated in the Bid Form.

**Union County, North Carolina, through the Union County Water department, is soliciting bids from qualified companies for specified water treatment chemicals as described in this solicitation.**

Prospective Bidders may examine the Bidding Documents by downloading from the website(s) listed below.

1. Download the Bid Documents from the Union County Website [www.unioncountync.gov](http://www.unioncountync.gov) (Procurement Page, Current Bids).
2. Download the Solicitation Documents from the State of North Carolina eVP website: <https://evp.nc.gov/solicitations/> (Search County of Union)

All questions about the meaning or intent of the Bidding Documents are to be submitted in writing to the Procurement contact person listed on the cover page ([Juan.Rodriguez-Cruz@unioncountync.gov](mailto:Juan.Rodriguez-Cruz@unioncountync.gov)). Deadline for questions is **January 14, 2026 at 5:00 PM** local time.

Bidders are required to comply with the non-collusion requirements set forth in the Bidding Documents.

Union County encourages good faith effort outreach to Minority Businesses (HUB Certified) and Small Businesses.

**The County reserves the right to reject any and/or all bids, including, without limitation, nonconforming, nonresponsive, unbalanced, or conditional bids. The County also reserves the right to waive informalities and request clarification as needed.**

### 3 BID SUBMISSION

#### 3.1 BID SUBMISSION DEADLINE

In accordance with Union County (the County) guidelines, bids specified will be received by Union County at the specified location listed in this IFB document, until the time and date cited. Only Bids received by the correct time shall be considered.

Bids shall be sealed and labeled on the outside envelope "2026-034 Yadkin River Water Treatment Plant Chemical Ortho-Polyphosphate 40% IFB's are to be received by the Union County Procurement Department by **10:30 AM EST on January 28, 2026.** **Any bids received after this due date and time shall not be considered.**

#### 3.2 BID DELIVERY REQUIREMENTS

All Bids must be in a sealed box or opaque envelope plainly marked as follows:

[Name of Contractor Submitting Bid]

IFB No. 2026-034 Yadkin River Water Treatment Plant Chemical Ortho-Polyphosphate 40%

Attention: Juan Rodriguez-Cruz

**If using a delivery service, your company name and the solicitation number must be visible on the outside delivery box/envelope.** Ship, Mail, or Hand Deliver to the following address:

**Mail or hand-deliver submission packets to:**

Union County Procurement Department

610 Patton Ave.

Monroe, NC 28110

Attention: Juan Rodriguez-Cruz, Procurement Specialist

The bid must be submitted in printed form. The original bid package must have original signatures and must be signed by a person who is authorized to bind the proposing firm.

**Electronic (email) or facsimile submissions will not be accepted.**

There is no expressed or implied obligation for Union County to reimburse firms for any expenses incurred in preparing Bids in response to this request.

**Union County reserves the right to reject any or all Bids, to waive technicalities and to make such selection deemed in its best interest. With limited response, Union County reserves the right to extend the solicitation opening date as appropriate in order to assure a competitive procurement.**

### 3.3 BID QUESTIONS

Bid questions will be due on or before **January 14, 2026 at 5:00 PM** local time. The primary purpose of this is to provide participating Contractors with the opportunity to ask questions, in writing, related to the IFB.

Submit questions by email to Juan Rodriguez-Cruz at [Juan.Rodriguez-Cruz@unioncountync.gov](mailto:Juan.Rodriguez-Cruz@unioncountync.gov) by the deadline shown above. (Do not send question in a graph or Excel sheet format.) The email subject line should be identified as follows IFB 2026-034 Yadkin River Water Treatment Plant Chemical Ortho-Polyphosphate 40%Questions. All questions and answers may be posted as addenda on [www.unioncountync.gov](http://www.unioncountync.gov) and [www.ips.state.nc.us](http://www.ips.state.nc.us).

### 3.4 BID ADDENDUM

Union County may modify the IFB prior to the date fixed for submission of Bids by the issuance of an addendum.

Should an Offeror find discrepancies or omissions in this IFB or any other documents provided by Union County, the Offeror should immediately notify the County of such potential discrepancy in writing via email as noted above.

Any addenda to these documents shall be issued in writing. No oral statements, explanations, or commitments by anyone shall be of effect unless incorporated in the written addenda. Receipt of Addenda shall be acknowledged by the Offeror on Appendix C Addendum and Anti-Collusion Form.

## 4 INSTRUCTIONS

### 4.1 COMMUNICATIONS

All communications, any modifications, clarifications, amendments, questions, responses or any other matters related to the Invitation for Bid (IFB) must be made only through the Procurement Contact noted on the cover of this IFB. A violation of this provision is cause for the County to reject a Company's bid. No contact regarding this document with other County employees is permitted and may be grounds for disqualification.

### 4.2 NON-MANDATORY PRE-BID & SITE VISIT

A pre-bid meeting concerning this IFB may be held. If so, the date, time and location will be indicated on the cover of this IFB and/or in the body of IFB. Staff will be available at this meeting to answer questions about this IFB.

### 4.3 IFB MODIFICATIONS

Clarifications, modifications, or amendments may be made to the IFB at any time prior to the Bid Deadline at the discretion of the County. It is the Bidder's responsibility to periodically check the County's website until the posted Bid Deadline to obtain any issued addenda.

#### **4.4 BIDDERS ACKNOWLEDMENT**

The Bid will remain subject to acceptance for 120 days after the Bid Opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

#### **4.5 DUPLICATE BIDS**

No more than one (1) bid from any Bidder will be considered by the County. In the event multiple bids are submitted in violation of this provision, the County will have the right to determine which bid will be considered, or at its sole option, reject all such multiple bids.

#### **4.6 BID SIGNATURES**

An authorized company official must sign Bids. Each signature represents binding commitment upon the Bidder to provide the goods and/or services offered to the County if the Bidder is determined to be the lowest responsive, responsible Bidder.

#### **4.7 SUBCONTRACTORS (IF APPLICABLE)**

In addition to any identification of Subcontractors, Suppliers, individuals, or entities required to be submitted to Owner (see third full paragraph below), Bidders shall include in their Bid a list of all subcontractors which the Bidder intends to use for each of the following categories of work:

- Heating, ventilating, and air conditioning (Mechanical)
- Electrical

A contractor whose Bid is accepted shall not substitute any person as subcontractor in the place of the subcontractor listed in the original bid, except (a) if the listed subcontractor's bid is later determined by the contractor to be non-responsive or nonresponsive or the listed subcontractor refuses to enter into a contract for the complete performance of the bid work, or (b) with the approval of the awarding authority for good cause shown by the contractor. The terms, conditions, and requirements of each contract between Contractor and a subcontractor performing work under a subdivision or branch of work listed in this subsection shall incorporate by reference the terms, conditions, and requirements of the Contract between Contractor and Owner. Failure to include this list of subcontractors may cause a Bid to be rejected as nonresponsive by Owner.

If Owner, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, individual, or entity, Owner may, before the Notice of Award is given, request apparent Successful Bidder to submit a substitute, without an increase in the Bid.

Subsequent to the submittal of the Bid, Owner may not require the Successful Bidder or Contractor to retain any Subcontractor, Supplier, or other individual or entity against which Contractor has reasonable objection.

## 4.8 BIDDERS RESPONSIBILITIES

The bidder must be capable, either as a firm or a team, of providing all goods or services as described under SECTION 7 – Specifications, and to maintain those capabilities until notification of the fact that their bid response was unsuccessful. Exclusion of any good or service for the IFB may serve as cause for rejection.

The successful Bidder will be responsible for all work in the IFB whether they are provided or performed by the successful Bidder or subcontractor(s). Further, the County will consider the successful Bidder to be the sole point of contact with regard to contractual matters, including payment of any and all charges resulting from the cost of any contract. The successful Bidder must be an authorized dealer of the proposed scale and associated equipment. This manufacturer authorization must include required installation certifications and warranty work provisions.

Bidder References: The bidder must provide a minimum of three client references that includes the installation of a truck scale system of the same manufacturer and model at a Landfill or Transfer Station within their respective service area within the last two years. Union County has the right to contact these references to determine customer satisfaction of product, construction and maintenance of the proposed truck scales.

**UNION COUNTY RESERVES THE RIGHT TO REJECT ANY AND/OR ALL QUALIFICATIONS AND TO WAIVE ANY AND ALL TECHNICALITIES.**

## 5 PURPOSE

### 5.1 INTRODUCTION

Union County, through Union County Water, is seeking bids from qualified firms for the delivery of specified water treatment chemicals. The resulting contract will provide Ortho-Polyphosphate 40% for use at the Yadkin River Water Treatment Plant. The contract may also include additional, unspecified chemical purchases on an as-needed basis if such chemicals are required for plant operations.

### 5.2 COUNTY

Union County, North Carolina (population 263,386) is located in the central, southern piedmont. The County provides its citizens with a full array of services that include public safety, water/wastewater utilities and sanitation, human services, cultural and recreational activities, and general government administration.

The County maintains a new 12 MGD Conventional Water Treatment Facility located on New Salem Road in Monroe, NC known as the Yadkin River Water Treatment Plant.

## 6 PROJECT SCOPE

The County is seeking bids from qualified firms for **all time, materials, labor, equipment, fittings, hoses, licenses, permits, etc. to deliver the specific chemical to the specified location in a timely fashion.**

Bid items provided shall be FOB to the delivery location specified.

The chemical needs of the County currently include:

- Ortho-Polyphosphate 40%

## **7 SPECIFICATIONS**

### **7.1 INTRODUCTION**

The attached specifications and requirements are drawn around a chemical which the County has evaluated and determined to be required for the performance necessary. Bidders are requested to offer only equivalent comparable units, which will provide the features and performance needed and implied.

Unless otherwise stated, the use of manufacturer's names and product numbers are for descriptive purposes and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intended to furnish otherwise it is fully understood that they shall furnish all items as stated.

### **7.2 DEVIATIONS**

Any deviations from specifications and requirements herein must be clearly pointed out by bidder. Otherwise it will be considered that chemicals offered will be in strict compliance with these specifications and requirements, and successful bidder will be held responsible therefor. Deviations must be explained in detail on an attached sheet. Therefore, no implication is made by Union County that deviations will be acceptable. Bidder is advised that the response (or lack thereof) on this question does not take precedence over specific responses or nonresponses provided elsewhere in this bid.

### **7.3 DELIVERY & CHARGES**

FOB destination. All prices quoted shall include all delivery and/or freight charges to addresses specified in this document or other address specified on a Purchase Order. No additional freight shall be charged at time of delivery. Risk of loss and/or damage shall be upon the seller until such time as goods have been physically delivered and received by the County. Deliveries shall be within five (5) days of receipt of order.

### **7.4 QUANTITIES**

Quantities are annual estimates based on the County's projected need. Actual quantities purchased may be more than or less than estimated quantities. The price quoted shall be good for any quantity.

### **7.5 PACKAGING**

All containers must be durable and dust tight, and not readily broken in handling and storage. The contents must be marked. All markings shall comply with all federal and state laws as applicable to this chemical.

## 7.6 PURITY

Chemicals supplied under these specifications must meet all applicable AWWA standards for drinking water and shall not contain soluble minerals or organic substances in quantities capable of producing deleterious or injurious effects upon public health or water quality. All chemicals shall conform to the current NSF/ANSI Standard 60: Drinking Water Treatment Chemicals – Health Effects.

## 7.7 LABELING OF HAZARDOUS MATERIALS

If the items or products requested by this solicitation are "Hazardous Materials" as defined by North Carolina General Statute §95-174 or Title 15 U.S.C. 1261 of the United States Code, then the bidder, by submitting their bid, certifies and warrants that the items or products to be delivered under this contract shall be properly labeled as required by the foregoing section(s) and that by delivering the items or products the bidder does not violate any of the prohibitions of NC G.S. Chapter 95 – Article 18, et al, or Title 15 U.S.C. 1261 et al.

## 7.8 DELIVERIES

Delivery will be made no later than 5 workdays after receipt of order (ARO), unless otherwise notified. Deliveries must be made during normal working hours (8:00 am - 4:00 pm), local time, Monday through Friday. All deliveries shall be made in accordance with the following standards & regulations, where applicable:

- Union County Water Standards
- Occupational Safety & Health Administration (OSHA) standards
- U.S. Department of Transportation (DOT)
- North Carolina Department of Environmental Quality (DEQ)
- U.S. Environmental Protection Agency (EPA)
- Any other applicable local, state or Federal laws or regulations.

24-hour advance notice of deliveries is required. Supplier will send notice of delivery and photos with names of the drivers making the deliveries to the receiving facility supervisors; specific email addresses will be provided upon award of a contract. The drivers will have a certificate of analysis (COA) and Safety Data Sheets (SDS) for all chemicals upon arrival at the receiving facility.

## 7.9 DELIVERY LOCATION

Yadkin River Water Treatment Plant  
3522 New Salem Road  
Monroe, NC 28110

## 7.10 SPILL PREVENTION

In the event of a spill resulting from the Supplier's actions, the Supplier's employee shall perform initial spill response including but not limited to using materials in County owned spill kits to prevent chemicals from injuring County employees and to prevent chemicals from reaching storm drains. It is the responsibility of the Supplier regardless of subcontracting delivery of the chemical to any County locations, in ensuring spill response to the location. The Supplier shall pay any fines levied against the County for spills resulting from the Supplier's actions and shall pay any costs incurred for clean-up and emergency response.

The Supplier must have a spill prevention program, including appropriate spill kits on delivery trucks, available and follow the Supplier's procedures in case of a spill. The Supplier awarded the contract must provide a copy of their spill prevention program to the County for review. In the event of a spill resulting from the Supplier's actions, the Supplier is responsible for providing all necessary personal protective equipment to their employees. In addition, if there is a spill, the Supplier must notify the county's water treatment plant supervisor immediately. The facility supervisor will then follow procedures to contain the spill. The Supplier should have the appropriate spill prevention kit available for the chemicals they are delivering.

The County will be reimbursed by the Supplier for labor and materials and damages created by the spill.

## 7.11 CHEMICAL SPECIFICATION – ORTHO-POLYPHOSPHATE 40%

**Estimated Annual Quantity:** 7,000 gallons

**Delivery Method:** Tote/Tanker

**Physical Requirements:** Appearance should be a clear, homogenous liquid.

**Chemical Specification:** This product should contain approximately 27% Total Phosphate and 13% Orthophosphate.

**Bidder must include COA/Product Specification with Bid.**

**Delivery Requirements:** The Ortho-Polyphosphate blend shall be shipped in specially equipped tankers, or totes depending on quantity required. These are unloaded by hose by means of a pump or a compressor which is mounted on the delivery truck. Hoses used for transfer must be securely capped during transportation. Worn or damaged hoses will not be accepted for use during transfer. Supplier shall provide sufficient hose for each delivery location. Drivers are responsible for all PPE associated with offloading. The Supplier is responsible for ensuring pressure gauges on delivery trucks are functional prior to delivery. Suppliers are also responsible for ensuring delivery trucks discharge at the appropriate pressure.

**Impurities:** Refer to section 7.6 “Purity”.

**Utilization Location:** Yadkin River Water Treatment Plant, 3522 New Salem Road, Monroe, NC 28110.

## **8 BID SUBMISSION AND AWARD**

### **8.1 BID INFORMATION**

Bids must be made in strict conformance using the Invitation for Bid (IFB) forms provided herein. All blank spaces for bids must be filled in properly. Numbers must be written in ink or typewritten, and the completed form shall be without erasures, lineation’s, or alterations. In accepting the proposal, the County will assume that no alterations have been made, and if they appear afterward, they shall not be binding on the County.

All Bid Documents shall be signed by an individual who is authorized to contractually bind the company. The signature must indicate the title or position the individual holds in the agency or firm. Agencies or firms which sign contracts with the name of the agency or firm must provide the name of a corporate officer or executive director for signature validation by the County. All unsigned Bids will be disqualified. In submitting a Bid, Bidder affirms all statements contained in the proposal are true and accurate.

All names and titles must be typed or printed below the signatures.

### **8.2 EVALUATION OF BIDS**

Qualified bids will be evaluated and acceptance may be made of the lowest and best qualified bid most advantageous to the County as determined upon consideration of such factors as: price offered; quality of item offered; general reputation and performance capabilities of offeror; substantial conformity with specifications/other conditions set forth in the bid; suitability of articles for the intended use; related services needed; date of delivery and performance; and such other factors deemed by the County to be pertinent.

### **8.3 AWARD PROCEDURES**

The County reserves the right to reject any and all bids, the right to waive informalities, and the right to disregard nonconforming or conditional bids or counter proposals. The County desires to award a single contract to one supplier for all items being bid. The County reserves the right to award, by line item, to multiple suppliers if that is in the best interests of the County. If the contract is to be awarded, it will be awarded to the lowest responsible bidder(s) whose evaluation by the County indicates that the award will be in the best interest of County. The County shall have a period of 90 days after opening of bids in which to award the contract.

### **8.4 AWARD**

The term of this contract shall be for one (1) year, from the date of award with the option to renew for four (4) additional one-year periods. The award is for a fixed, firm unit price

during the initial one (1) year term when product needs are based upon indefinite quantities, and where orders will be based on actual needs that may exceed or be less than projections. All expenditures under a unit price contract are contingent upon appropriations having been made by Union County Board of Commissioners. Price adjustments may be negotiated at the time of renewal, based on the applicable Consumer Price Index adjustment over the preceding twelve months.

Union County shall review the terms and conditions, and confirm performance under this contract has been satisfactory. However, the County reserves the right to terminate the contract or to allow the contract period to elapse.

The parties agree that the contract for services may be terminated by either party upon providing 60 days written notice.

## **8.5 PRICING**

Price quoted in this proposal shall be delivered, F.O.B. Destination to the location listed in the attached specifications. Bidders are warned not to include any form of Federal Excise Tax in computing their bids. The North Carolina State Sales Tax must be shown as a separate item and not included in any proposed prices. (North Carolina sales tax will be paid by Union County when shown as a separate item on an invoice for payment.) If a unit price and its extended price are inconsistent, the unit price will be considered to be the price proposed and the price proposed and the extended price will be adjusted accordingly.

## **8.6 COST ADJUSTMENTS**

The unit prices proposed shall remain firm for the Initial Term of the contract. Price adjustments for any renewal term may be considered by the County only upon request by the Supplier and only if supported by verifiable industry cost data.

1. Price adjustments shall not exceed the lower of:
  - a. 5% per renewal period, or
  - b. the annual percentage change in the Producer Price Index (PPI) – Chemicals and Allied Products (WPU06) as published by the U.S. Bureau of Labor Statistics.
2. The Supplier shall submit a written request for adjustment at least sixty (60) days prior to the renewal date and include:
  - a. the specific BLS PPI table and data supporting the request,
  - b. a detailed cost justification from the Supplier or manufacturer, and
  - c. a statement confirming that the requested adjustment applies uniformly to all similar customers in the region.

3. The County reserves the right to:
  - a. approve the request,
  - b. negotiate a lower adjustment,
  - c. or reject the request if documentation is insufficient or the adjustment is deemed excessive.
4. If the County does not approve the requested price adjustment and the matter cannot be resolved, the County may elect not to renew the contract without penalty.
5. If the applicable PPI index shows a decrease, the County shall receive a corresponding decrease in unit pricing.

All contract renewals are subject to the continued appropriations of funds and the County's determination that renewal is in its best interest.

## 8.7 BID FORMAT

Bids must include the following:

- Appendix A – Price Form
- Appendix B – Bid Submission Form (signed)
- Appendix C – Addendum Receipt and Anti-Collusion Form (signed)
- **Bidder must include COA/Chemical Specification with Bid.**

## 8.8 TERMS OF SUBMISSION

All material received from a person or company ("Respondent") in response to this solicitation shall become the property of Union County and will not be returned to the Respondent. Any and all costs incurred by a Respondent in preparing, submitting, or presenting submissions are the Respondent's sole responsibility and Union County shall not reimburse the Respondent. All responses to this solicitation will be considered a public record and subject to disclosure under applicable public records law.

Any material in a response which the Respondent considers a trade secret and exempt from disclosure as a public record under applicable law, including N.C.G.S. §§ 132-1.2 and 66-152, must be properly designated as a trade secret. In order to properly designate such material, the Respondent must: (i) submit any trade secret materials in a separate envelope, or file, from all other submitted material, being clearly marked as "Trade Secret – Confidential and Proprietary Information," and (ii) stamp the same trade secret/confidentiality designation on each page of the materials therein which contain trade secrets.

To the extent consistent with public records law, Union County will make reasonable efforts to maintain the confidential nature of trade secrets, as determined by Union County and subject to the conditions set forth herein. Respondent understands and agrees by

submitting a response to this solicitation, that if a request is made to review or produce a copy of any information in the Respondent's materials which was properly labeled by the Respondent as a trade secret, Union County will notify the Respondent of the request and the date that such materials will be released to the requestor unless the Respondent obtains a court order enjoining that disclosure. If the Respondent fails to obtain the court order enjoining disclosure prior to that date, Respondent understands and agrees that Union County will release the requested information to the requestor on that date.

Furthermore, the Respondent also agrees to indemnify and hold harmless Union County and each of its officers, employees, and agents from all costs, damages, and expenses incurred in connection with refusing to disclose any material that has been designated as a trade secret by Respondent.

## **8.9 EVALUATION OF BIDS**

Qualified bids will be evaluated to determine the **lowest responsive, responsible bidder**, taking into consideration quality, performance, and the time specified in the bid for performance of the contract. Consideration of such factors as: price offered; quality of item offered; general reputation and performance capabilities of offeror; substantial conformity with specifications/other conditions set forth in the bid; suitability of articles for the intended use; related services needed; date of delivery and performance; and such other factors deemed by the County to be pertinent will be used in determining responsiveness and responsibility.

## **8.10 APPLICATION OF NORTH CAROLINA GENERAL STATUTES**

The General Statutes of North Carolina regarding purchasing and competitive bidding (G.S. § 143-129) are made a part herein and will govern the bidding process as applicable.

## **8.11 UNIT PRICES TO PREVAIL**

Prices shall be submitted on per unit basis by line item. In the event of a disparity between the unit price and the extended price, the unit price shall prevail.

# **9 GENERAL CONDITIONS AND REQUIREMENTS**

## **9.1 MINIMUM REQUIREMENTS FOR BIDDERS**

Bids shall be considered only from companies normally engaged in performing the type of work specified in this solicitation. Union County, in its discretion, shall determine whether the evidence of responsibility and ability to perform is satisfactory.

The individual/firm warrants that he/she is fully qualified, with adequate personnel and experience, to undertake the services required. The Offeror shall also certify that insurance coverage that meets or exceeds industry standards for this type of work will be in force to mitigate risk during performance under the contract.

## 9.2 TERMS AND CONDITIONS

All payroll taxes, liability and worker's compensation are the sole responsibility of the Offeror. The Offeror understands that an employer/employee relationship does not exist under this contract.

The County reserves the right to reject any and all bids, the right to waive informalities, and the right to disregard nonconforming or conditional bids or counter bids. It is the intention of Union County to execute a final, binding Contract with the successful Offeror which incorporates terms and conditions no less onerous than those appropriate to the engagement of a licensed contracting firm in connection with a project of this magnitude.

All bids submitted in response to this request shall become the property of Union County and as such, may be subject to public review.

## 9.3 CONTRACT TERM

The Contract shall have an initial term of one (1) year ("Initial Term"), beginning on the effective date of the Contract. Prior to the end of the Initial Term with four (4) 1-year renewal options, the County shall have the option, in its sole discretion and pending budget approval to renew the Contract on the same terms and conditions as the Initial Term.

## 9.4 IFB EXPENSES

Expenses for developing the bids are entirely the responsibility of the vendor and shall not be chargeable in any way to the County.

## 9.5 CERTIFICATION

In response to the IFB Request, the Contractor certifies the following:

- This bid is signed by an authorized representative of the firm;
- It can obtain insurance certificates as required within ten (10) calendar days after notice of award;
- All labor costs, direct and indirect, have been determined and included in the proposed cost;
- The potential Contractor has read and understands the conditions set forth in this solicitation.

## 9.6 FINANCIAL INFORMATION

Bidder may be asked to provide the following financial information. If the following financial information is requested, it shall be readily available and provided to the County within twenty-four (24) to forty-eight (48) hours upon request during the bid certification process:

1. Annual audited financial reports for the past five (5) fiscal years;
2. Credit reports, credit bulletins, bank and vendor references, and any other
3. Published statements by agencies that have been issued or published about the entity within the past five (5) years;
4. Indicate whether the Company (and/or predecessor, guarantor, or subcontractor) has declared bankruptcy within the last five (5) years;

5. Provide a description of the financial impact of any past or pending legal proceedings and judgments that could materially affect the Bidder's financial position or ability to provide service to the County.

## **9.7 CONTRACTUAL OBLIGATIONS**

The contents of this Bid and the commitments set forth in the Bid shall be considered contractual obligations, if a contract ensues. Failure to accept these obligations may result in cancellation of the award. All legally required terms and conditions shall be incorporated into final contract agreements with the selected Service

## **9.8 COMPLIANCE WITH LAWS**

Seller represents and warrants that the performance of this order and the furnishing of goods or services required shall be in accordance with the applicable standards, provisions and stipulations of all pertinent Federal, State or County laws, rules, regulations, resolutions and ordinances including but not limited to the Fair Labor Standards Act, the Equal Employment Opportunity rules and regulations and the Occupational Safety and Health Acts.

## **9.9 SUB-CONTRACTOR/PARTNER DISCLOSURE**

A single Company may propose the entire solution. If the Bid by any Company requires the use of sub-contractors, partners, and/or third-party products or services, this must be clearly stated in the Bid. The Company submitting the Bid shall remain solely responsible for the performance of all work, including work that is done by sub-contractors.

## **9.10 MODIFICATION OR WITHDRAWAL OF BID**

Prior to the scheduled closing time for receiving bids, any Contractor may withdraw his bid. After the scheduled closing time for receiving bids, no bid may be withdrawn for 90 days. Only written requests for the modification or correction of a previously submitted bid that are addressed in the same manner as bids and are received by the County prior to the closing time for receiving bids will be accepted. The bid will be corrected in accordance with such written requests, provided that any such written request is in a sealed envelope that is plainly marked "Modification of Bid." Oral, telephone or fax modifications or corrections will not be recognized or considered.

## **9.11 RIGHT OF CANCELLATION**

Any contract agreement entered into with the County that requires ongoing payments after the end of the fiscal year in which the equipment is purchased is cancelable by the County in the event that continuing funds are not appropriated.

## **9.12 VENDOR DECLARATION**

The vendor must state that the bid was made without connection with any other person, company, or parties making a similar bid and that it is in all respects fair and in good faith without collusion and fraud.

### 9.13 CONTRACT COMMENCEMENT

Commencement of a contract shall not begin prior to all necessary County approvals, including County Commission approval where required, and receipt of a County Purchase Order. Commencement of a contract without these approvals is solely at the Bidder's own risk and is likely to result in no payment for services performed or goods received.

### 9.14 DISPUTES

In case of any doubt or differences of opinion as to the services to be furnished hereunder, the decision of the County shall be final and binding upon both parties.

### 9.15 EQUAL EMPLOYMENT OPPORTUNITY

All Companies will be required to follow Federal Equal Employment Opportunity (EEO) policies. Union County will affirmatively assure that on any project constructed pursuant to this advertisement, equal employment opportunity will be offered to all persons without regard to race, color, creed, religion, national origin, sex, and marital status, status with regard to public assistance, membership or activity in a local commission, disability, sexual orientation, or age.

### 9.16 MINORITY AND SMALL BUSINESS PARTICIPATION PLAN

It is the policy of Union County that Minority Businesses (MBEs), Disadvantaged Business Enterprises (DBEs) and other small businesses shall have the opportunity to compete fairly in contracts financed in whole or in part with public funds. Consistent with this policy, Union County will not allow any person or business to be excluded from participation in, denied the benefits of, or otherwise be discriminated against in connection with the award and performance of any contract because of sex, race, religion, or national origin.

**Disadvantaged Business Enterprises (DBE)** will be afforded full opportunity to submit a bid. DBE Contractors must be certified and registered on the NCDOT Directory.

### 9.17 LICENSES

The successful Firm(s) shall have and maintain a valid and appropriate business license (if applicable), meet all local, state, and federal codes, and have current all required local, state, and federal licenses.

### 9.18 E-VERIFY

E-Verify is the federal program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program, used to verify the work authorization of newly hired employees pursuant to federal law. Offeror/Firm shall ensure that Firm and any Subcontractor performing work under this contract: (i) uses E-Verify if required to do so; and (ii) otherwise complies with applicable law.

### 9.19 DRUG-FREE WORKPLACE

During the performance of this project, the Firm agrees to provide a drug-free workplace for his employees; post in conspicuous places, available to employees and applicants for

employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the workplace and specify the actions that will be taken against employees for violations of such prohibition; and state in all solicitations or advertisements for employees placed by or on behalf of the firm that the Firm maintains a drug-free workplace.

For the purposes of this section, “drug-free workplace” means a site for the performance of work done in connection with a specific contract awarded to a Contractor/Firm in accordance with this chapter, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the Request.

### 9.20 CONTRACT ALIGNMENT

To improve administrative efficiency, the County reserves the right, at its sole discretion, to adjust the initial contract term or any renewal term so that this contract’s end date aligns with the end dates of other County chemical contracts. This may include shortening the initial term or modifying a renewal term to create a uniform contract cycle for all water treatment chemicals. Any such adjustment will not reduce the Supplier’s unit pricing for the applicable period.

### 9.21 EARLY TERMINATION TO ALIGN CONTRACT CYCLES

The County may terminate this contract, in whole or in part, upon sixty (60) days’ written notice in order to align chemical contract cycles. The Supplier shall be entitled to payment for product delivered prior to the effective termination date, but shall not be entitled to anticipatory profits or additional charges resulting from such termination.

### **UNION COUNTY RESERVES THE RIGHT TO REJECT ANY AND/OR ALL QUALIFICATIONS AND TO WAIVE ANY AND ALL TECHNICALITIES.**

### 9.22 INSURANCE

One or more of the following insurance limits may be required if it is applicable to the project. The County reserves the right to require additional insurance depending on the nature of the agreement.

At Contractor’s sole expense, Contractor shall procure and maintain the following minimum insurances with insurers authorized to do business in North Carolina and rated A-VII or better by A.M. Best, or as otherwise authorized by the Union County Risk Manager.

#### A. WORKERS’ COMPENSATION

Statutory (coverage for three or more employees) limits covering all employees, including Employer’s Liability with limits of:

\$500,000	Each Accident
\$500,000	Disease - Each Employee
\$500,000	Disease - Policy Limit

- B. COMMERCIAL GENERAL LIABILITY  
(for any agreement unless otherwise waived by the Risk Manager)  
Covering Ongoing and Completed Operations involved in this Agreement.

\$2,000,000 General Aggregate  
\$2,000,000 Products/Completed Operations Aggregate  
\$1,000,000 Each Occurrence  
\$1,000,000 Personal and Advertising Injury Limit

- C. COMMERCIAL AUTOMOBILE LIABILITY  
(for any agreement involving the use of a contractor vehicle while  
conducting services associated with the agreement)

\$1,000,000 Combined Single Limit - Any Auto

- D. PROFESSIONAL LIABILITY  
(only for any agreement providing professional service such as  
engineering, architecture, surveying, consulting services, etc.)

\$1,000,000 Claims Made

Contractor shall provide evidence of continuation or renewal of  
Professional Liability Insurance for a period of two (2) years following  
termination of the Agreement.

#### **ADDITIONAL INSURANCE REQUIREMENTS**

- A. The Contractor's General Liability policy shall be endorsed, specifically or  
generally, to include the following as Additional Insured:

**UNION COUNTY, ITS OFFICERS, AGENTS AND EMPLOYEES ARE  
INCLUDED AS ADDITIONAL INSURED WITH RESPECTS TO THE  
GENERAL LIABILITY INSURANCE POLICY.**

Additional Insured status for Completed Operations shall extend for a  
period of not less than three (3) years from the date of final payment.

- B. Before commencement of any work or event, Contractor shall provide a  
Certificate of Insurance in satisfactory form as evidence of the insurances  
required above.
- C. Contractor shall have no right of recovery or subrogation against Union  
County (including its officers, agents and employees).
- D. It is the intention of the parties that the insurance policies afforded by  
contractor shall protect both parties and be primary and non-contributory  
coverage for any and all losses covered by the above-described insurance.

- E. Union County shall have no liability with respect to Contractor's personal property whether insured or not insured. Any deductible or self-insured retention is the sole responsibility of Contractor.
- F. Notwithstanding the notification requirements of the Insurer, Contractor hereby agrees to notify County's Risk Manager at 500 N. Main Street # 130, Monroe, NC 28112, within two (2) days of the cancellation or substantive change of any insurance policy set out herein. Union, in its sole discretion, may deem failure to provide such notice as a breach of this Agreement.
- G. The Certificate of Insurance should note in the Description of Operations the following:
  - Department: \_\_\_\_\_
  - Contract #: \_\_\_\_\_
- H. Insurance procured by Contractor shall not reduce nor limit Contractor's contractual obligation to indemnify, save harmless and defend Union County for claims made or suits brought which result from or are in connection with the performance of this Agreement.
- I. Certificate Holder shall be listed as follows:
  - Union County
  - Attention: Jeff Morgan, Director of Security Risk Management
  - 500 N. Main Street, Suite #130
  - Monroe, NC 28112
- J. If Contractor is authorized to assign or subcontract any of its rights or duties hereunder and in fact does so, Contractor shall ensure that the assignee or subcontractor satisfies all requirements of this Agreement, including, but not limited to, maintenance of the required insurances coverage and provision of certificate(s) of insurance and additional insured endorsement(s), in proper form prior to commencement of services.

**9.23 INDEMNIFICATION**

Contractor agrees to protect, defend, indemnify and hold Union County, its officers, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings, or causes of action of every kind in connection with or arising out of this agreement and/or the performance hereof that are due, in whole or in part, to the negligence of the Contractor, its officers, employees, subcontractors or agents. Contractor further agrees to investigate, handle, respond to,

provide defense for, and defend the same at its sole expense and agrees to bear all other costs and expenses related thereto.

**---Intentially Left Blank---**

**10 APPENDIX A –PRICE FORM**

**IFB No. 2026-034  
Yadkin River Water Treatment Plant  
Ortho-Polyphosphate 40%**

*Submitting firms need not bid on all items for consideration.*

The undersigned proposes to furnish the following items in strict conformance with the bid specifications and bid invitation issued by Union County for this bid. The undersigned hereby certifies that this bid is made without prior understanding, agreement, or connection with any person(s), firm(s), or corporation(s) making bids or proposals. The bidder further certifies that he/she is not suspended or debarred from bidding by any federal, state, or local agency. Any exceptions are clearly marked in the attached copy of bid specifications.

**SUBMIT WITH BID**

**Failure to complete the following form(s) shall result in your Bid being deemed nonresponsive and rejected without any further evaluation.**

**The award will be made to the lowest, responsive, responsible bidder based on the Price per Gallon. Actual quantities purchased may be more than or less than estimated quantities. The price quoted shall be good for any quantity.**

Line Item	Chemical Description	Estimated Annual Quantities	Unit of Measure	Delivery Method	Price per Gallon
1	Ortho-Polyphosphate 40%	7,000	Gallons	Tote/Tanker	
<b>Additional Fees:</b>					<b>Not Included in the Evaluation of Bids</b>
Tote Deposits, etc. - Explain:					\$

**I certify, under penalty of perjury, that I have the legal authorization to bind the firm hereunder:**

\_\_\_\_\_  
*Signature/Title of Person Authorized to Sign*      *Print Name/Title of Authorized Person*

Email \_\_\_\_\_

**Acknowledgement of Certificate of Analysis** \_\_\_\_\_

**11 APPENDIX B – BID SUBMISSION FORM**

**IFB No. 2026-034  
Yadkin River Water Treatment Plant  
Ortho-Polyphosphate 40%**

**SUBMIT WITH BID**

***This Bid is submitted by:***

Company Legal Name: \_\_\_\_\_

Representative Name: \_\_\_\_\_

Representative Signature: \_\_\_\_\_

Representative Title: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Email Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Website Address: \_\_\_\_\_

**It is understood that Union County reserves the right to reject any and all Bids, to make awards according to the best interest of the County, to waive formalities, technicalities, to recover and re-bid this project. Bid is valid for 120 calendar days from the Bid due date and is submitted by an executive of the company that has authority to contract with Union County, NC.**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## 12 APPENDIX C – ADDENDUM AND ANTI-COLLUSION FORM

IFB No. 2026-034  
Yadkin River Water Treatment Plant  
Ortho-Polyphosphate 40%

**SUBMIT WITH BID**

Please acknowledge receipt of all addenda by including this form with your Bid. Any questions or changes received will be posted as an addendum on [www.co.union.nc.us](http://www.co.union.nc.us) and/or [www.ips.state.nc.us](http://www.ips.state.nc.us). It is your responsibility to check for this information.

Addendum No.	Date Downloaded
_____	_____
_____	_____
_____	_____
_____	_____

**I certify that this Bid is made in good faith and without collusion with any other offeror or officer or employee of Union County.**

Company Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## 13 APPENDIX D – VENDOR PAYMENT LETTER

IFB No. 2026-034  
Yadkin River Water Treatment Plant  
Ortho-Polyphosphate 40%

**Do Not Submit with Bid**

*-----For informational purposes only. -----*

## 14 APPENDIX E – TEMPLATE AGREEMENT

IFB No. 2026-034  
Yadkin River Water Treatment Plant  
Ortho-Polyphosphate 40%

**Do Not Submit with Bid**

*-----For informational purposes only. -----*

STATE OF NORTH CAROLINA

AGREEMENT

COUNTY OF UNION

THIS AGREEMENT is made and entered into as of \_\_\_\_\_, by and between UNION COUNTY, a political subdivision of the State of North Carolina, whose address is 500 North Main Street, Monroe, NC 28112, hereinafter “Union,” and [Contractor’s full legal name], a [type of business (corporation, limited liability company, etc.) and state where incorporated], whose address is \_\_\_\_\_, hereinafter “Contractor.”

W I T N E S S E T H

WHEREAS, Contractor is a supplier of certain [describe goods here (ex: Type K copper tube for potable water)], hereinafter referred to as “Goods;” and

WHEREAS, Union desires to purchase such Goods from Contractor on an as-needed basis; and

WHEREAS, Contractor is willing to provide such Goods to Union as described in this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements hereinafter set forth, the parties hereto do each contract and agree with the other as follows:

1. **GOODS PROVIDED.** Contractor agrees to provide the Goods in accordance with the specifications in the attached Specifications [or, if the full IFB (or RFP) is to be attached, state the IFB # and IFB title]. Contractor shall provide the Goods on an as-needed basis, upon request by Union for such Goods. Union shall provide a purchase order number to Contractor prior to any Goods being delivered. Contractor shall not be required to provide installation services pursuant to this Agreement. Union does not guarantee the purchase of any minimum amount of Goods pursuant to this Agreement.

2. **FEE AND PAYMENT SCHEDULE.** Union shall pay Contractor for purchase of the Goods in accordance with the attached [“Appendix A – Price Form” (or whatever title was used on the pricing form in the solicitation)]. Contractor shall invoice Union for Goods after each delivery requested by Union has been completed pursuant to Section 1 herein. Contractor’s invoice must reference the purchase order number issued by Union. Payment is due within thirty (30) days of receipt of an accurate invoice by Union’s Finance Department. All payments shall be conditioned upon appropriation by the Union County Board of Commissioners of sufficient funds for each request for services.

[Include this paragraph only if Union agrees to such potential increase over time, or if this provision is included in the IFB.] If the Agreement is renewed for additional terms in accordance with Section 4 herein, at the beginning of each renewal term, Contractor may adjust the prices listed in [Appendix A] based on the Consumer Price Index agreed upon by both Contractor and Union, limited to the amount of the CPI increase over the previous year.

3. DELIVERY SCHEDULE. Contractor shall ship requested Goods described in Section 1 herein FOB destination, Freight Prepaid, and delivery of such Goods shall be within \_\_\_\_\_ [length of time, as listed in the IFB] of the date Contractor receives Union's order.

4. TERM AND TERMINATION. The Effective Date is the date of mutual execution of this Agreement. This Agreement shall have a term of [insert agreement time length]. [The following sentence is to be used only if renewals might be needed or desired, and then only if the IFB or RFP lists the possible number of renewals. If the contract is just for a single term, this sentence may be deleted.] Upon completion of the Initial Term, Union may, in its sole discretion, elect to renew this Agreement for up to \_\_\_\_ [number of possible additional terms, as stated in the IFB or RFP] additional \_\_\_\_ [number of years in each renewal term]-year terms, each a "Renewal Term," upon written notice to the Contractor. Union may terminate this Agreement at any time, with or without cause, by notification to Contractor in writing. In the event of termination without cause, Contractor shall be paid for Goods delivered to the date of notification of termination by Union.

5. OWNERSHIP OF DOCUMENTS. All deliverables and any other contract documents prepared by Contractor, or any subcontractors or subconsultants under the terms of this Agreement ("the Documents"), shall be the property of Union. Contractor further acknowledges that Union is subject to Chapter 132 of the North Carolina General Statutes, the Public Records Act (the "Act"), and that this Agreement, as well as any of the Documents as defined herein, shall be a public record as defined in such Act, and as such, will be open to public disclosure and copying.

6. INSURANCE. The attached Exhibit A, Insurance Requirements, is incorporated herein by reference.

7. INDEMNIFICATION. Contractor agrees to protect, defend, indemnify and hold Union, its officers, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings, or causes of action of every kind in connection with or arising out of this Agreement and/or the performance hereof that are due, in whole or in part, to the negligence of Contractor, its officers, employees, subcontractors or agents. Contractor further agrees to investigate, handle, respond to, provide defense for, and defend the same at its sole expense and agrees to bear all other costs and expenses related thereto.

8. FEDERAL, STATE, AND LOCAL TAXES. Neither federal, nor state, nor local income tax nor payroll tax of any kind shall be withheld or paid by Union on behalf of Contractor or the employees of Contractor. Contractor shall not be treated as an employee with respect to the services performed hereunder for federal or state tax purposes.

9. NOTICE TO CONTRACTOR REGARDING ITS TAX DUTIES AND LIABILITIES. Contractor understands that Contractor is responsible to pay, according to law, Contractor's income tax. If Contractor is not a corporation, Contractor further understands that Contractor may be liable for self-employment (social security) tax, to be paid by Contractor according to law.

10. FRINGE BENEFITS. Because Contractor is engaged in Contractor's own independently established business, Contractor is not eligible for, and shall not participate in, any employee pension, health or other fringe benefit plan of Union.

11. UNION NOT RESPONSIBLE FOR WORKERS' COMPENSATION. No workers' compensation insurance shall be obtained by Union concerning Contractor or the employees of Contractor. Contractor shall comply with the workers' compensation law concerning Contractor and the employees of Contractor.

12. NO AUTHORITY TO BIND UNION. Contractor has no authority to enter into contracts or agreements on behalf of Union. This Agreement does not create a partnership or any form of agency between the parties.

13. ASSIGNMENT. Neither Union nor Contractor shall assign, sublet or transfer any rights under or interest in this Agreement (including, but without limitation, monies that may become due or monies that are due) without the written consent of the other, except to the extent that any assignment, subletting or transfer is mandated by law or the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to assignment, no assignment shall release or discharge the assignor from any duty or responsibility under this Agreement.

14. NON-WAIVER. The failure of either party to exercise any of its rights under this agreement for a breach thereof shall not be deemed to be a waiver of such rights or a waiver of any subsequent breach.

15. HOW NOTICES SHALL BE GIVEN. Any notice given in connection with this agreement shall be given in writing and shall be delivered either by hand to the party or by certified mail, return receipt requested, to the party at the party's address stated herein. Any party may change its address stated herein by giving notice of the change in accordance with this paragraph.

16. APPLICABLE LAW AND JURISDICTION. This Agreement shall be construed and enforced in accordance with the laws of the State of North Carolina. The parties to this Agreement confer exclusive jurisdiction of all disputes arising hereunder upon the General Courts of Justice of Union County, North Carolina.

17. COMPLETE AGREEMENT. This Agreement contains the complete agreement of the parties regarding the terms and conditions of the Agreement, and there are no oral or written conditions, terms, warranties, understandings or other agreements pertaining thereto which have not been incorporated herein. This Agreement may be modified only by written instrument duly executed by both parties, or their respective successors in interest.

18. SEVERABILITY. The provisions hereof are severable, and should any provision be determined to be invalid, unlawful or otherwise null and void by any court of competent jurisdiction, the other provisions shall remain in full force and effect and shall not thereby be affected unless such ruling shall make further performance hereunder impossible or impose an unconscionable burden upon one of the parties.

19. AUTHORITY. Each party warrants that it has the corporate or other organizational power and authority to execute, deliver and perform this Agreement. Each party

further warrants that the execution, delivery and performance by it of the Agreement has been duly authorized and approved by all requisite action of the party's management and appropriate governing body.

20. E-VERIFY. E-Verify is the federal program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program, used to verify the work authorization of newly hired employees pursuant to federal law. Contractor shall ensure that Contractor and any subcontractor performing work under this Agreement: (i) uses E-Verify if required to do so by North Carolina law; and (ii) otherwise complies with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. A breach of this provision by Contractor will be considered a breach of this Agreement, which entitles Union to terminate this Agreement, without penalty, upon notice to Contractor.

IN WITNESS WHEREOF, the parties hereto, acting under authority of their respective governing bodies, have hereunto set their hands and seals, and have caused this Agreement to be duly executed, this the day and year first above written.

UNION COUNTY

BY: \_\_\_\_\_ (SEAL)  
Brian W. Matthews, County Manager

[CONTRACTOR FULL LEGAL NAME]

BY: \_\_\_\_\_ (SEAL)

Approved as to Legal Form \_\_\_\_

This instrument has been preaudited in the manner required by  
The Local Government Budget and Fiscal Control Act.

\_\_\_\_\_  
Deputy Finance Officer

**Exhibit A**  
**Insurance Requirements**

**I. BASIC INSURANCE REQUIREMENTS.** At Contractor's sole expense, Contractor shall procure and maintain the following minimum insurances with insurers authorized to do business in North Carolina and rated A-VII or better by A.M. Best, or as otherwise authorized by the Union County Risk Manager.

A. **WORKERS' COMPENSATION**  
Statutory (coverage for three or more employees) limits covering all employees, including Employer's Liability with limits of:

\$500,000	Each Accident
\$500,000	Disease - Each Employee
\$500,000	Disease - Policy Limit

B. **COMMERCIAL GENERAL LIABILITY**  
Covering all operations involved in this Agreement.

\$2,000,000	General Aggregate
\$2,000,000	Products/Completed Operations Aggregate
\$1,000,000	Each Occurrence
\$1,000,000	Personal and Advertising Injury Limit

C. **COMMERCIAL AUTOMOBILE LIABILITY**

\$1,000,000	Combined Single Limit - Any Auto
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D. **PROFESSIONAL LIABILITY**

\$1,000,000	Claims Made
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Contractor shall provide evidence of continuation or renewal of Professional Liability Insurance for a period of two (2) years following termination of the Agreement.

E. **POLLUTION LIABILITY INSURANCE**

\$1,000,000	Claims Made
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Contractor shall provide evidence of continuation or renewal of Pollution Liability Insurance for a period of two (2) years following termination of the Agreement.

F. NETWORK SECURITY & PRIVACY LIABILITY (CYBER)

\$1,000,000 Claims Made  
\$3,000,000 Aggregate Limit

Contractor shall provide evidence of continuation or renewal of Network Security & Privacy Liability Insurance for a period of two (2) years following termination of the Agreement.

II. **ADDITIONAL INSURANCE REQUIREMENTS.**

A. The Contractor's General Liability policy shall be endorsed, specifically or generally, to include the following as Additional Insured:

**UNION COUNTY, ITS OFFICERS, AGENTS AND EMPLOYEES ARE INCLUDED AS ADDITIONAL INSURED WITH RESPECT TO THE GENERAL LIABILITY INSURANCE POLICY.**

B. Before commencement of any work or event, Contractor shall provide a Certificate of Insurance in satisfactory form as evidence of the insurances required above.

C. Contractor shall have no right of recovery or subrogation against Union County (including its officers, agents and employees).

D. It is the intention of the parties that the insurance policies afforded by Contractor shall protect both parties and be primary and non-contributory coverage for any and all losses covered by the above-described insurance.

E. Union County shall have no liability with respect to Contractor's personal property whether insured or not insured. Any deductible or self-insured retention is the sole responsibility of Contractor.

F. Notwithstanding the notification requirements of the Insurer, Contractor hereby agrees to notify County's Risk Manager at 500 North Main Street, Monroe, NC 28112, within two (2) days of the cancellation or substantive change of any insurance policy set out herein. Union, in its sole discretion, may deem failure to provide such notice as a breach of this Agreement.

G. The Certificate of Insurance should note in the Description of Operations the following:

Department: \_\_\_\_\_  
Contract #: \_\_\_\_\_

H. Insurance procured by Contractor shall not reduce nor limit Contractor's contractual obligation to indemnify, save harmless and defend Union County for claims made or suits brought which result from or are in connection with the performance of this Agreement.

I. Certificate Holder shall be listed as follows:

Union County  
Attention: Risk Manager  
500 North Main Street  
Monroe, NC 28112

J. If Contractor is authorized to assign or subcontract any of its rights or duties hereunder and in fact does so, Contractor shall ensure that the assignee or subcontractor satisfies all requirements of this Agreement, including, but not limited to, maintenance of the required insurances coverage and provision of certificate(s) of insurance and additional insured endorsement(s), in proper form prior to commencement of services.



**Invitation for Bid No. 2026-034**

**Yadkin River Water Treatment Plant Chemical  
Ortho-Polyphosphate 40%**

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**ADDENDUM No. 1**

**ISSUE DATE: January 21, 2026**

Responding Offerors on this project are hereby notified that this Addendum shall be made a part of the above named RFP document.

The following items add to, modify, and/or clarify the RFP documents and shall have the full force and effect of the original Documents. This Addendum shall be acknowledged by the Offeror in the RFP document.

## **Delete/Add/Replace Section**

1. **Add attachments:** COA and SDA files attached at the end of document.

## **Question/Answer Section**

1. **Question:** What is the Current Price per Gallon Union County-Yadkin WTP is paying for its Ortho-polyphosphate?

**Answer:** \$9.79

2. **Question:** Who is the current supplier of its liquid phosphate?

**Answer:** Univar

3. **Question:** What type of Delivery is the Yadkin WTP receiving its Ortho-polyphosphate?
  - How many gallons per tanker load?
  - Totes

**Answer:** 3900 gallons per tanker load, and no totes.

4. **Question:** On Page 23 of the Bid Document: 10 – Appendix A – Price Form
  - “Additional Fees: Tote Deposits, etc. – Explain”
  - Is the Current Phosphate Vendor Charging Tote Deposits?
  - Will Yadkin WTP accept ONE-(1)-Way totes, i.e., your totes to keep?
  - Or will Yadkin WTP only accept RETURNABLE totes?

**Answer:** No totes.

5. **Question:** I have a question regarding the Ortho Polyphosphate bid. What is the name of the product you are currently using? When you say ortho polyphosphate 40%, do you mean a total PO4 percent of 40?

**Answer:** Please refer to attached COA.

6. **Question:** Did you take any tote deliveries in 2025 and if so, how many totes per delivery?

**Answer:** No

**Attachments:**

*End of Addendum No. 1*

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# CERTIFICATE OF ANALYSIS

Product: CARUS™ 8500

Lot Number: 17885 T

Date of Manufacture: 17-Jul-2025

Parameter	Result	Units	Min	Max
Specific Gravity at @ 20°C	1.38		1.35	1.41
pH (1% Solution)	5.8		5.2	6.2

  

Parameter	Typical	Units	Min	Max
Total Phosphate	34.7	%	32.3	37.7
Orthophosphate	17.1	%	15.4	19.6

Analyst: R. Glenn

*By: Lori Setchell*



Carus  
315 5th Street  
Peru, IL 61354  
www.CarusLLC.com

Lori Setchell  
Quality Control Manager  
815-224-6842



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>CARUS™ 8500 Water Treatment Chemical</b>
<b>Other means of identification</b>	
<b>SDS number</b>	-
<b>Recommended use</b>	An effective corrosion inhibitor and sequesterant for use in potable and industrial water systems.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company name</b>	CARUS LLC
<b>Address</b>	315 Fifth Street, Peru, IL 61354, USA
<b>Telephone</b>	+1 815 223-1500 - All other non-emergency inquiries about the product should be directed to the company
<b>E-mail</b>	salesmkt@carusllc.com
<b>Website</b>	www.carusllc.com
<b>Contact person</b>	Sr. Manager Global Corporate Product Stewardship, RCMS Coordinator
<b>Emergency Telephone</b>	For Hazardous Materials [or Dangerous Goods] Incidents ONLY (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): 01-800-681-9531 CHEMTREC®, Other countries: 001 (703) 527-3887

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Hazard(s) not otherwise classified (HNOC)</b>	Not classified.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

### Mixtures

The manufacturer lists no ingredients as hazardous to health according to OSHA 29 CFR 1910.1200.

**Composition comments** The components are not hazardous or are below required disclosure limits.

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.

<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed such as: Phosphorus Oxides (PxOy).
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions</b>	Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS. Prevent further leakage or spillage if safe to do so.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid inhalation and contact with skin and eyes. Wear appropriate personal protective equipment (See Section 8). Wash hands thoroughly after handling. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (See Section 10).

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	General ventilation normally adequate.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin protection</b>	
<b>Hand protection</b>	For prolonged or repeated skin contact use suitable protective gloves. Suitable gloves can be recommended by the glove supplier.
<b>Skin protection</b>	
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

<b>Appearance</b>	Colorless solution.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	None.
<b>Odor threshold</b>	Not applicable.
<b>pH</b>	5.7±0.5
<b>Melting point/freezing point</b>	< 32 °F (< 0 °C)
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower (%)</b>	Not applicable.
<b>Explosive limit - upper (%)</b>	Not applicable.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	1.38±0.03 at 25°C
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Completely soluble.
<b>Partition coefficient (n-octanol/water)</b>	Not applicable for mixtures.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Flammability</b>	Not combustible.
<b>Flash point class</b>	Not applicable.
<b>Particle size</b>	Not applicable for liquid.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	In high concentrations, vapors may be irritating to the respiratory system.
<b>Skin contact</b>	Prolonged or repeated skin contact may cause irritation.
<b>Eye contact</b>	May cause eye irritation on direct contact.
<b>Ingestion</b>	May cause discomfort if swallowed.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Direct contact with eyes may cause temporary irritation.
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### Information on toxicological effects

<b>Acute toxicity</b>	Not expected to be acutely toxic.
<b>Skin corrosion/irritation</b>	Prolonged contact may cause dryness of the skin.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	No sensitizing effects known.
<b>Skin sensitization</b>	Not a skin sensitizer.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. Not classified.
<b>Carcinogenicity</b>	Not classified. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### **IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

#### **NTP Report on Carcinogens**

Not listed.

#### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

<b>Reproductive toxicity</b>	Not classified.
<b>Specific target organ toxicity - single exposure</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	No data available.
<b>Aspiration hazard</b>	Not classified.

## **12. Ecological information**

<b>Ecotoxicity</b>	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.
<b>Persistence and degradability</b>	The product is not expected to be readily biodegradable.
<b>Bioaccumulative potential</b>	No data available for this product.
<b>Mobility in soil</b>	The product is soluble in water.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## **13. Disposal considerations**

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

## **14. Transport information**

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not available.

## **15. Regulatory information**

<b>US federal regulations</b>	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Toxic Substances Control Act (TSCA)**

All components of the mixture on the TSCA 8(b) inventory are designated "active".

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No**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.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Not regulated.

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

Not listed.

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

Not listed.

**US. Rhode Island RTK**

Not regulated.

**California Proposition 65**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes

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

\*A "Yes" indicates that all components of this product comply 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	24-July-2014
Revision date	19-April-2023
Version #	02
HMIS® ratings	Health: 1 Flammability: 0 Physical hazard: 0 Personal protection: B

### NFPA ratings



### References

HSDB® - Hazardous Substances Data Bank

### 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. CARUS LLC DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OR THE INFORMATION INCLUDED HEREIN. CARUS LLC 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 Carus LLC, and shall be the sole responsibility of the holder or user of the product.

Carus and Design is a registered service mark of Carus LLC.



**Invitation for Bid No. 2026-034**

**Yadkin River Water Treatment Plant Chemical  
Ortho-Polyphosphate 40%**

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**ADDENDUM No. 2**

**ISSUE DATE: January 23, 2026**

Responding Offerors on this project are hereby notified that this Addendum shall be made a part of the above named RFP document.

The following items add to, modify, and/or clarify the RFP documents and shall have the full force and effect of the original Documents. This Addendum shall be acknowledged by the Offeror in the RFP document.

## Delete/Add/Replace Section

1. **Add attachments:** COA and SDA files attached at the end of document.
2. **Section 4.8 Bidders Responsibilities**

**Delete:** Third Paragraph: Bidder References.

~~Bidder References: The bidder must provide a minimum of three client references that includes the installation of a truck scale system of the same manufacturer and model at a Landfill or Transfer Station within their respective service area within the last two years. Union County has the right to contact these references to determine customer satisfaction of product, construction and maintenance of the proposed truck scales.~~

3. **Section 8.3 Award Procedures**

**Delete:** The County shall have a period of **90 days** after opening of bids in which to award the contract

**Replace with:** The County shall have a period of **120 days** after opening of bids in which to award the contract.

## Question/Answer Section

1. **Question:** What is the Current Price per Gallon Union County-Yadkin WTP is paying for its Ortho-polyphosphate?

**Answer:** \$9.79

2. **Question:** Who is the current supplier of its liquid phosphate?

**Answer:** Univar

3. **Question:** What type of Delivery is the Yadkin WTP receiving its Ortho-polyphosphate?

- How many gallons per tanker load?
- Totes

**Answer:** 3900 gallons per tanker load, and no totes.

4. **Question:** On Page 23 of the Bid Document: 10 – Appendix A – Price Form
- “Additional Fees: Tote Deposits, etc. – Explain”
  - Is the Current Phosphate Vendor Charging Tote Deposits?
  - Will Yadkin WTP accept ONE-(1)-Way totes, i.e., your totes to keep?
  - Or will Yadkin WTP only accept RETURNABLE totes?

**Answer:** No totes.

5. **Question:** I have a question regarding the Ortho Polyphosphate bid. What is the name of the product you are currently using? When you say ortho polyphosphate 40%, do you mean a total PO4 percent of 40?

**Answer:** Please refer to attached COA.

6. **Question:** Did you take any tote deliveries in 2025 and if so, how many totes per delivery?

**Answer:** No

**Attachments:**

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*End of Addendum No. 2*



# CERTIFICATE OF ANALYSIS

Product: CARUS™ 8500

Lot Number: 17885 T

Date of Manufacture: 17-Jul-2025

Parameter	Result	Units	Min	Max
Specific Gravity at @ 20°C	1.38		1.35	1.41
pH (1% Solution)	5.8		5.2	6.2

  

Parameter	Typical	Units	Min	Max
Total Phosphate	34.7	%	32.3	37.7
Orthophosphate	17.1	%	15.4	19.6

Analyst: R. Glenn

*By: Lori Setchell*

  
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# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>CARUS™ 8500 Water Treatment Chemical</b>
<b>Other means of identification</b>	
<b>SDS number</b>	-
<b>Recommended use</b>	An effective corrosion inhibitor and sequesterant for use in potable and industrial water systems.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company name</b>	CARUS LLC
<b>Address</b>	315 Fifth Street, Peru, IL 61354, USA
<b>Telephone</b>	+1 815 223-1500 - All other non-emergency inquiries about the product should be directed to the company
<b>E-mail</b>	salesmkt@carusllc.com
<b>Website</b>	www.carusllc.com
<b>Contact person</b>	Sr. Manager Global Corporate Product Stewardship, RCMS Coordinator
<b>Emergency Telephone</b>	For Hazardous Materials [or Dangerous Goods] Incidents ONLY (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): 01-800-681-9531 CHEMTREC®, Other countries: 001 (703) 527-3887

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Hazard(s) not otherwise classified (HNOC)</b>	Not classified.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

### Mixtures

The manufacturer lists no ingredients as hazardous to health according to OSHA 29 CFR 1910.1200.

**Composition comments** The components are not hazardous or are below required disclosure limits.

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.

<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed such as: Phosphorus Oxides (PxOy).
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions</b>	Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS. Prevent further leakage or spillage if safe to do so.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid inhalation and contact with skin and eyes. Wear appropriate personal protective equipment (See Section 8). Wash hands thoroughly after handling. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (See Section 10).

## 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	General ventilation normally adequate.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin protection</b>	
<b>Hand protection</b>	For prolonged or repeated skin contact use suitable protective gloves. Suitable gloves can be recommended by the glove supplier.
<b>Skin protection</b>	
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

<b>Appearance</b>	Colorless solution.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	None.
<b>Odor threshold</b>	Not applicable.
<b>pH</b>	5.7±0.5
<b>Melting point/freezing point</b>	< 32 °F (< 0 °C)
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower (%)</b>	Not applicable.
<b>Explosive limit - upper (%)</b>	Not applicable.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	1.38±0.03 at 25°C
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Completely soluble.
<b>Partition coefficient (n-octanol/water)</b>	Not applicable for mixtures.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Flammability</b>	Not combustible.
<b>Flash point class</b>	Not applicable.
<b>Particle size</b>	Not applicable for liquid.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	In high concentrations, vapors may be irritating to the respiratory system.
<b>Skin contact</b>	Prolonged or repeated skin contact may cause irritation.
<b>Eye contact</b>	May cause eye irritation on direct contact.
<b>Ingestion</b>	May cause discomfort if swallowed.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Direct contact with eyes may cause temporary irritation.
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### Information on toxicological effects

<b>Acute toxicity</b>	Not expected to be acutely toxic.
<b>Skin corrosion/irritation</b>	Prolonged contact may cause dryness of the skin.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	No sensitizing effects known.
<b>Skin sensitization</b>	Not a skin sensitizer.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. Not classified.
<b>Carcinogenicity</b>	Not classified. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### **IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

#### **NTP Report on Carcinogens**

Not listed.

#### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

<b>Reproductive toxicity</b>	Not classified.
<b>Specific target organ toxicity - single exposure</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	No data available.
<b>Aspiration hazard</b>	Not classified.

## **12. Ecological information**

<b>Ecotoxicity</b>	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.
<b>Persistence and degradability</b>	The product is not expected to be readily biodegradable.
<b>Bioaccumulative potential</b>	No data available for this product.
<b>Mobility in soil</b>	The product is soluble in water.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## **13. Disposal considerations**

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

## **14. Transport information**

### **DOT**

Not regulated as dangerous goods.

### **IATA**

Not regulated as dangerous goods.

### **IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

## **15. Regulatory information**

<b>US federal regulations</b>	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Toxic Substances Control Act (TSCA)**

All components of the mixture on the TSCA 8(b) inventory are designated "active".

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No**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.

**Safe Drinking Water Act (SDWA)** Not regulated.**US state regulations****US. Massachusetts RTK - Substance List**

Not regulated.

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

Not listed.

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

Not listed.

**US. Rhode Island RTK**

Not regulated.

**California Proposition 65**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes

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

\*A "Yes" indicates that all components of this product comply 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	24-July-2014
Revision date	19-April-2023
Version #	02
HMIS® ratings	Health: 1 Flammability: 0 Physical hazard: 0 Personal protection: B

### NFPA ratings



### References

HSDB® - Hazardous Substances Data Bank

### Disclaimer

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**Invitation for Bid No. 2026-034**

**Yadkin River Water Treatment Plant Chemical  
Ortho-Polyphosphate 40%**

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**ADDENDUM No. 3**

**ISSUE DATE: January 29, 2026**

Responding Offerors on this project are hereby notified that this Addendum shall be made a part of the above named RFP document.

The following items add to, modify, and/or clarify the RFP documents and shall have the full force and effect of the original Documents. This Addendum shall be acknowledged by the Offeror in the RFP document.

**Delete/Add/Replace Section**

1. **Add to this section:** Chemical Specification: This product should contain approximately 27% Total Phosphate and 13% Orthophosphate.

**Information to be added to section listed above:**

The ortho/polyphosphate blend shall consist of 50% polyphosphate ( $\pm 1\%$ ) and 50% orthophosphate ( $\pm 1\%$ ) in its neat form.

The polyphosphate concentration shall be 18% ( $\pm 1\%$ ) as  $\text{PO}_4$ .

The orthophosphate concentration shall be 18% ( $\pm 1\%$ ) as  $\text{PO}_4$ .

The material shall have a minimum total phosphate activity of 35% as  $\text{PO}_4$ .

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*End of Addendum No. 3*