



## Invitation to Bid (ITB)

#274-2026-01-DN

**Bid Title: Liquid Ferric Sulfate for Water Treatment**

Notice is hereby given that the City of Raleigh, North Carolina is seeking sealed bids from qualified chemical suppliers to provide **liquid ferric sulfate to the City of Raleigh Water Treatment Plants**. A contract will be awarded for a term of one (1) year with renewal options for up to four (4) additional twelve (12) month terms, subject to contract performance and an annual appropriation by the Raleigh City Council.

**BIDS WILL BE ACCEPTED UNTIL 2:00 PM (EDT), Wednesday, August 20, 2025**

Bids should be addressed to:

City of Raleigh – Procurement Division Attn:  
Dean Nunnally – Procurement Analyst

Hand-Deliver to: 222 W. Hargett Street, 5<sup>th</sup> Floor, Ste. 502, Raleigh, NC 27601  
or

Mail to: PO Box 590, Raleigh, NC 2602-0590

The responsibility for submitting a response to this ITB at the City of Raleigh, Procurement Division on or before the stipulated time and date will be solely and strictly the responsibility of the bidder. Any proposals received after stipulated time and date will not be accepted, nor opened, and will be returned. The time stamp located in the Procurement Division shall be the official time of receipt.

## BID RESPONSE FORM

**Bid No.:** 274-2026-01-DN  
**Bid Title:** Liquid Ferric Sulfate For Water Treatment

Pursuant to General Statutes of North Carolina, Section 143-129, as amended, sealed bids are invited and, subject to the conditions herein, will be received by the City of Raleigh Procurement Division. The sealed bids will be publicly opened for furnishing the apparatus, supplies, materials equipment and/or repair work and services as described herein.

In compliance with this Invitation for Bids, and subject to all the conditions thereof, the undersigned Supplier offers and agrees, if this bid be accepted, to furnish and deliver any or all items upon which prices are bid, at the prices set opposite each item within the time specified herein. By executing this bid, the undersigned Supplier certifies that this bid is submitted competitively and without collusion. Furthermore, by executing this bid, the undersigned certifies to the best of Supplier’s knowledge and belief, that it and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal or State department or agency.

**Failure to execute/sign bid prior to submittal shall render the bid invalid, and it WILL BE DEEMED NON-RESPONSIVE and WILL BE REJECTED. Late bids cannot be accepted.**

SUPPLIER NAME:		
STREET ADDRESS:		
CITY & STATE:	STATE:	ZIP CODE:
PRINT NAME & TITLE OF PERSON SIGNING ON BEHALF OF SUPPLIER:		
<b>SUPPLIER’S AUTHORIZED SIGNATURE:</b>	<b>DATE:</b>	
CONTACT NAME (if different from above):		
EMAIL ADDRESS	TELEPHONE NUMBER:	

**OFFER VALID FOR AT LEAST 90 DAYS FROM DATE OF BID OPENING**

***CITY OF RALEIGH***  
***NON-DISCRIMINATION ASSURANCES***

To the extent permitted by North Carolina law, the parties hereto for themselves, their agents, officials, employees and servants agree not to discriminate in any manner on the basis of race, color, creed, national origin, sex, age, handicap, or sexual orientation with reference to the subject matter of this Contract. The parties further agree, to the extent permitted by law, to conform with the provisions and intent of City of Raleigh Ordinance 1969-889, as amended. This provision is hereby incorporated into this Contract for the benefit of the City of Raleigh and its residents, and may be enforced by action for specific performance, injunctive relief, or other remedy as provided by law. This provision shall be binding on the successors and assigns of the parties with reference to the subject matter of this Contract.

SIGNATURE: \_\_\_\_\_  
(President/Authorized Officer)

TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

# City of Raleigh Liquid Ferric Sulfate for Water Treatment

**BID No: 274-2026-01-DN**

## BID FORM

ITEM No.	Estimated Annual QTY /UOM	Description	Unit Price	Total Extended Price
1	16,900,000 / DB (dry pound)	13% Fe <sup>3+</sup> Liquid Ferric Sulfate; <i>as per the specifications and requirements herein.</i> <b><u>Manufacturer:</u></b>  <b><u>Brand:</u></b>  <b><u>Lead Time:</u></b>  <b><u>Shipping Location:</u></b>	\$ _____	\$ _____ FOB DESTINATION
2		Delivery Charge / Fee; Only if delivery exceeds 2.5 hours.	\$ _____ Quarter (1/4) Hour	
<b>Total Extended Price for All Items:</b>			\$ _____	<b>FOB Destination, Freight Prepaid and Allowed</b>

NOTICE TO BIDDERS: Do not include taxes in your bid pricing. Any and all tax imposed upon any article on which you are bidding are only to be shown as separate line items on invoices, and in no case are taxes to be included with your bid price. Failure to comply with these conditions will be considered grounds for rejection.

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**EMAIL AND FAX COPIES OF BIDS ARE NOT ACCEPTABLE  
POSITIVELY NO BIDS CONSIDERED UNLESS SUBMITTED ON THIS FORM**

COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_

AUTHORIZED SIGNATURE: \_\_\_\_\_ TITLE: \_\_\_\_\_

**CITY OF RALEIGH  
INSTRUCTIONS TO BIDDERS**

Carefully review all provisions and attachments of this document prior to completion. Each bid constitutes an offer and may not be withdrawn except as provided herein.

**1. PURPOSE:**

The purpose of this document is to provide general and specific information for the use by suppliers in submitting a bid to supply the City of Raleigh with apparatus, supplies, material and equipment, and /or services listed above. All bids and contracts are governed by City policy, and /or by Section 143-129 of the North Carolina General Statutes.

**2. BID CONTACT:**

Any and all questions, concerns, or request for additional information shall be directed to the City of Raleigh, Procurement Division to the attention of the Bid Agent as indicated below:

Bid Agent:       Dean Nunnally Procurement Analyst  
                           Email: [Dean.Nunnally@raleighnc.gov](mailto:Dean.Nunnally@raleighnc.gov)

**3. BID SCHEDULE:**

Listed below are the dates and times by which stated actions must be taken or completed. The City may determine, in its sole discretion, that it is necessary to change any of these dates and times. All listed times are Eastern standard times.

Action	Time	Date
Bid issued	NA	July 23, 2025
Pre-Bid Conference	1:00p.m.	August 5, 2025
Deadline for Questions	3:00pm	August 13, 2025
Bids Due	2:00pm	August 20, 2025
Anticipated Award		October 1, 2025

**4. PRE-BID CONFERENCE:**

If a pre-bid meeting is scheduled and will be held at the time and place as stated below to discuss the specifications. Attendance at the pre-bid meeting **is mandatory** for submitting a bid.

**Date:**           Monday, August 5, 2025  
**Time:**           1:00p.m.  
**Place:**          EM Johnson Water Treatment Plant  
                           10301 Falls of Neuse Road Raleigh, NC 27614

The pre-bid conference will take place in the EM Johnson Training Room

Questions or information needed for clarification may be emailed prior to the pre-bid meeting to the Bid Agent as indicated in Section 2 above or presented in writing at the pre-bid meeting. All items of concern will be discussed at the pre-bid meeting. Any changes to the specifications will be made in the form of an addendum and posted to the eVP at [North Carolina electronic Vendor Portal](#).

**5. BIDDER QUESTIONS:**

The City is not liable for interpretations/misinterpretations or other errors or omissions made by the Bidder in responding to this bid. The Bidder shall examine this bid to determine if the City’s requirements and terms and conditions are clearly stated. If, after examination of the various requirements and terms and conditions of this bid, the Bidder believes there are any requirements or terms and conditions which remain unclear or which restrict competition, the Bidder may request, in writing, that the City clarify the requirement(s) and term(s) and condition(s) specified by the Bidder. The Bidder must provide the Section(s), Subsection(s), Paragraph(s), and page number(s) that identify the requirements or conditions questioned by the Bidder.

Requests for clarification and technical questions to this bid must be received by the City not later than the bid schedule shown above in Section 3, entitled “Bid Schedule”, for the submittal of written inquires. The Bidders’ failure to request clarification and submit questions by the date in the bid schedule above shall be considered to constitute the Bidders’ acceptance of all City’s requirements and terms and conditions. The City shall issue addenda reflecting questions and answers to this bid, if any, and shall be posted to the IPS website at [North Carolina electronic Vendor Portal](#).

**6. ADDENDUM:**

Bidders are solely responsible for making sure that any and all addenda have been received prior to submission of their bid. The All addenda to this bid issued by the City shall be posted to the IPS website at [North Carolina electronic Vendor Portal](#). All such addenda

shall become part of the bid. **Bidder is to sign any and all addenda issued for the bid and submit it with the bid.** Failure to do so risks rejection of the bid.

**7. HOW TO PREPARE BID:**

Bidders are encouraged to review carefully all provisions and attachments of this document prior to completion. Each bid constitutes an offer and may not be withdrawn except as provided herein. Also, prices are to remain firm for the period stated herein.

- a) **BID FORM:** Submit all prices and offers on the **BID FORM(s)** provided herein. All bids must be submitted and signed by the supplier or his authorized representative with all erasures or corrections initialed and dated by the authorized representative of the proposal.
- b) **SIGNATURE:** **All bids must be signed by an authorized official of the company on the Bidders Signature Page.** A bid may be rejected if it shows omissions, alterations of form, additions not called for, conditional bid, or any irregularities.
- c) **TAXES: Do not include taxes in your bid prices.** Taxes must be itemized and added to invoices separately when invoicing the City. The City is required to pay sales tax. The City is exempt from Federal Excise Tax and has a Federal Tax number.
- d) **NON-DISCRIMINATION:** The **NON-DISCRIMINATION ASSURANCES** form included in the bid package is a condition of the bid and must be completed and signed by the bidder.
- e) **MWBE POLICY:** The City of Raleigh prohibits discrimination in any manner on the basis of race, color, creed, national origin, sex, age or handicap or sexual orientation and will pursue an affirmative policy of fostering, promoting and conducting business with women and minority owned business enterprises. The City of Raleigh encourages participation by certified minority and women-owned businesses. If there are any questions, Contact the MWBE Program Manager, PO BOX 590 Raleigh, NC 27602, [mwbe@raleighnc.gov](mailto:mwbe@raleighnc.gov), or 919-996-4330.
- f) **SUSTAINABILITY:** In accordance with the City of Raleigh 2007-2009 City Council Mission Statement, the City recognizes its responsibility to minimize negative impacts on human health and the environment while supporting a diverse, equitable, and vibrant community and economy. The City recognizes that the types of products and services the City buys have inherent social, human health, environmental and economic impacts, and asks that all Suppliers and bidders providing and proposing products and services to the City, be mindful of the City’s Sustainability Policy and provide and propose products and services that embody the City’s commitment to sustainability whenever possible.
- g) **IRAN DIVESTMENT:**  
Bidder certifies that it is not on the Final Divestment List as created by the State Treasurer pursuant to N.C.G.S. § 147-86.55, et seq. In compliance with the requirements of the Iran Divestment Act and N.C.G.S. § 147-86.59, CONTRACTOR shall not utilize in the performance of the contract any subcontractor that is identified on the Final Divestment List.
- h) **COMPANIES THAT BOYCOTT ISRAEL:**  
The bidder certifies that it has not been designated by the North Carolina State Treasurer as a company engaged in the boycott of Israel pursuant to N.C.G.S. 147-86.81.

**8. HOW TO SUBMIT BID:**

- a) **SUBMIT SEALED BIDS ON THE BID FORM PROVIDED HEREIN.**
- b) **Provide (2) complete sets of your bid on the BID FORM PROVIDED HEREIN in hard copy paper format (on 8-1/2” x 11” size paper, only bound with a single staple in the upper left corner or with a single removable clip—no 3-ring binders) and must be SEALED in an envelope. NO EMAIL OR FAX BIDS WILL BE ACCEPTED.** All Formal Bids (estimated to be greater than \$90,000) must be submitted in a sealed opaque envelope, plainly marked with the bid number, and date and time to be opened as shown below.
- c) All bids must be mailed or delivered as follows in sufficient time to ensure receipt by the Procurement Manager or Bid Agent on or before the time and the date specified on the Bid Schedule. Bids not received by the time and date specified on the Bid Schedule will not be opened or considered, unless the delay is a result of the negligence of the City of Raleigh, its agents, or assigns.

**Mailing Address:**  
**City of Raleigh**  
**Bid# 274-2026-01-DN**  
**Procurement Division**  
**PO Box 590**  
**Raleigh, NC 27602-0590**

**Delivery Address:**  
**City of Raleigh**  
**Bid# 274-2026-01-DN**  
**Procurement Division**  
**222 W. Hargett St., Room 502**  
**Raleigh, NC 27601**

**7. BID OPENING:**

- a) All bids will be opened and read at the time and place shown on the enclosed Bid Form. No official award will be made at the Bid Opening. All bidders are welcome to attend the bid opening. **LATE BIDS WILL NOT BE OPENED OR ACCEPTED.**
- b) Bidders may not review or request copies of bids at the Bid Opening. A time must be scheduled to meet with the Procurement Manager and/or Bid Agent for this purpose.

- c) Bids will be examined by the Procurement Manager and/or Bid Agent and the using department officials promptly after the opening and an award made at the earliest possible date. No bids may be withdrawn after bid opening.

#### 8. **AWARD OF BID:**

- a) **Standard of Bid Award Acceptance:** The City reserves the right to reject any or all bids and to waive any irregularities or technicalities in bids received whenever such rejection or waiver is in the best interest of the City of Raleigh. The award shall be made to the lowest, responsive, responsible bidder, or bidders, taking into consideration quality, performance and the time specified in the bid for the performance of the contract.
- b) **Bid Prices:** All items and products proposed in response to this Bid are to be new, in un-used condition unless otherwise noted in the Minimum Specifications. All prices proposed in response to this Bid are to include all transport, freight and fuel surcharges, and be delivered **FOB destination, freight prepaid and allowed** to the location provided on the City Purchase Order. All items are to be packaged, and shipped or delivered safely in a protective carton, fully assembled and serviced, ready for use and operation. Bidders must submit product literature and manufacturer's specifications with their bid proposal. All supplies, equipment, and apparatus must meet all Federal, State, and Local safety regulations, requirements, and guidelines, such as OSHA, EPA, US DOT, NC-DOT, NFPA, UL, etc., if so regulated.
- c) **Order of Precedence:** In cases of conflict between sections and provisions within the Bid document, the Order of Precedence will be 1) the Special Conditions section specific to the Bid; 2) the Minimum Specifications section specific to the Bid, 3) the City of Raleigh Terms and Conditions; and 4) the Instructions to Bidders section of the Bid document.
- d) **Payment Terms:** Payment terms of Net 30 days from the date of receipt of invoice, or upon acceptance of goods whichever is later, will apply to all invoices. Payment term discounts will be allowed for prompt payments, but will not be a consideration for award. All invoices are to be emailed to [accountspayable@raleighnc.gov](mailto:accountspayable@raleighnc.gov) , or delivered to **City of Raleigh, Accounts Payable Division, PO Box 590, Raleigh, NC 27602-0590.**
- e) **Bid Award Approval:** The City Manager has delegated authority from the City Council to award bids for supplies, equipment, and apparatus greater than \$90,000. Bids will be approved and awarded by the City Manager upon the recommendation by the Procurement Manager.

#### 9. **OBJECTION TO THE SPECIFICATIONS:**

It is not the intent of the bid specifications to exclude or limit competition or favor any particular supplier or product. If there is an objection to any of the specifications or requirements listed herein, the bidder must notify the City of Raleigh Procurement Manager, in writing, stating and listing the specifications and objections, no later than five (5) working days prior to the bid opening date. If a pre-bid meeting has been scheduled, any objections must be presented in writing at that time. The objections stated must pertain both to form and substance of the bid document. Failure to object in accordance with the above procedure shall constitute a waiver on the part of the bidder to protest the solicitation. All concerns, questions, clarifications, or other correspondence must be directed only to the City of Raleigh Procurement Manager. Information obtained from other sources will not be considered in the evaluation and award of this bid.

#### 10. **SUBMITTING A PROTEST TO THE BID AWARD:**

A Bidder wishing to express a concern or complaint, and file a protest to a Bid Award, must submit in writing the reasons, information, and documentation for the protest, to the Procurement Manager within 48 hours from the date of the Notice of Intent to Award. In the event of a protest, the Procurement Manager will notify the Chief Financial Officer and the City Manager of the protest and provide the information for both the recommended award and the protest. The City Manager will make a final decision for the bid award. The protesting bidder may appeal the decision to the City Council.

#### 11. **FAILURE TO BID:**

If the bid is not submitted, bidder should return the attached "NO BID RESPONSE" sheet, stating the reasons therefore, and indicate whether the business should be retained or removed from the City's Bidder's list.

#### 12. **ERRORS IN BIDS:**

Bidders or their authorized representatives are expected to understand the conditions, requirements and specifications before submitting bids. Failure to do so will be at the bidders owns risk. In case of an error in the extension of prices on the bid, the unit price shall govern.

#### 13. **ALTERNATE BIDS:**

DO NOT submit alternate bids unless called for on the bid proposal form. Alternate bids are those that are not identical by manufacturer and model to what is specified or has substantially different specifications. When alternate bids are requested, the bidder must submit documentation as a part of the bid to show that the product is comparable to the item(s) referred to in the specifications. Bidders may submit multiple bids on various manufacturers' brands/models meeting specifications if no specific manufacturer/model has been specified.

#### 14. **BID OPTIONS:**

The City reserves the right to request pricing on optional equipment or additional items along with the pricing for the main or primary product or items. At the discretion of the City, some or all of the options requested may or may not be added and purchased based upon necessity and the availability of budgeted funds. The Bid Award will be made to the lowest responsible bidder for the main or primary product or items listed on the Bid Proposal Form. Pricing for any additional options will be requested in a separate section

of the bid and will not be included in the determination of the Bid Award.

**15. QUANTITIES:**

The City of Raleigh reserves the right to adjust quantities as needed, and to add additional items and/or products as needed, as determined to be in the best interest of the City. The quantities stated herein, for term or multi-year contracts are estimated, and may change to be more or less over the term of the contract.

**16. PRICE ADJUSTMENTS:**

**For Bids with fixed price contract periods,** it is the City's intent to contract at a fixed price for a period of one (1) year, with an option to extend the contract for three (3) additional one (1) year periods. The price proposed by the Bidder is to remain fixed for the first 1-year (12-month) period of the contract.

Any price increase or decrease will be adjusted to the latest yearly percentage increase in the All Urban Consumers Price Index (CPI-U) (National) as published by the Bureau of Labor Statistics, U.S. Dept. of Labor, or other appropriate agreed upon price index. The amount of the increase or decrease will be determined by the difference between the latest price index available ninety (90) days prior to the end of the current contract year in effect, and the price index for the same month one year prior.

Any requested price increase must be fully documented and submitted to the Bid Agent or the Procurement Manager at least sixty (60) days prior to the bid contract expiration date. Any approved price adjustment (increase or decrease) will then become effective beginning the next term period.

The City reserves the right to accept or to refuse any documented price adjustment submitted by the Supplier/contractor for any reason as determined to be in the best interest of the City. In the event the City does not accept the proposed price adjustment for the extended term, the Bid contract will not be renewed, and the City will rebid the product or item(s). Any Bid contract extension is subject to the continuation of need and usage by the City and the appropriation of funds.

**17. CONTRACT EXTENSIONS:**

The City reserves the right to extend all bid contracts for up to three (3) additional one (1) year periods from the date of the award of the original bid, if agreed upon in writing by the contracted Supplier. The contract extension(s) may be for additional quantities or for an additional time period as agreed.

**18. TRADE SECRETS:**

This Bid document and all Bidders' responses and proposals received are considered public information, except for trade secrets specifically identified in writing by the Bidder, which will be handled according to State Statute or other laws. Any section of the bidder's response package that is deemed to be a trade secret by the bidder shall be submitted in an envelope clearly marked "**TRADE SECRET INFORMATION- DO NOT DISCLOSE.**" The City shall make a good faith effort to protect such confidential information.

**19. BID TABULATIONS:**

Bidders wishing to obtain a bid tabulation prior to the award of the bid may view and download tabulations from the North Carolina Interactive Purchasing System (IPS) website at [North Carolina electronic Vendor Portal](#). From the City's homepage, select the following in order to view bid tabulations: Business and Development, Bids and RFP's / RFQ's, select the link to the North Carolina Interactive Purchasing System, Search Bid Number, enter the desired bid number, and select Search. Bid tabulations only reflect the bids as read at the time of the bid opening and should not be considered an award.

**20. ELECTRONIC PURCHASE ORDERS AND INVOICES:**

The City expanded its electronic ordering and payment capabilities with additional eProcurement software that provides an "market" with shopping-cart functionality for use by the City departments. The City's "RPOD Market" makes ordering and requesting purchase orders easier, and improves the efficiency of the City's accounting and payment system through the utilization of electronic methods for the delivery of purchase orders and the receiving of supplier cXML invoices. Jaggaer is the City's eProcurement solution provider.

**21. TERMS AND CONDITIONS:**

Acceptance of the City's Purchase Order includes acceptance of all applicable Terms and Conditions. The City's Purchase Order Terms & Conditions are provided below for your information.

Rev. 02/07/19

**CITY OF RALEIGH PURCHASE ORDER TERMS & CONDITIONS**

- 1. Supplier quotes or proposals are referenced for scope only.** City of Raleigh Purchase Order Terms & Conditions exclusively governs this purchase.
1. All invoices are to be sent by email to: [accountspayable@raleighnc.gov](mailto:accountspayable@raleighnc.gov) . Or, mail or deliver all invoices to the **City of Raleigh, Accounts Payable, PO Box 590, Raleigh NC 27602-0590.**
2. **Important: All invoices must include a unique invoice number and this Purchase Order number.** Invoices submitted without the unique invoice number or without the correct purchase order number will result in delayed payment.
3. Invoices for partial deliveries must be indicated as such.
4. The Supplier must provide separate invoices for each Purchase Order number.
5. **The City of Raleigh is not exempt from North Carolina State Sales Tax, Wake County Sales Tax, and Wake County Prepared Meals and Hotel Room Taxes.** These taxes must be correctly invoiced to the City for payment. Taxes shown on the purchase order are approximate.
6. The City of Raleigh is exempt from Federal Excise Tax. If any form of such tax is billed on the invoice, it must be shown as a separate item. Tax Exemption Certificates will be furnished upon request.
7. Payment term discounts will be deducted as provided for on the front of this Purchase Order or in accordance with the terms of your official quotation or bid. **Net purchases will be paid 30 days from the date of your invoice, or upon acceptance of goods whichever is later.**
8. **Important: All packages must bear the correct Purchase Order number on the outside of each package or shipping container.**
9. The City of Raleigh will not be responsible for any goods delivered without a Purchase Order having been issued.
10. The conditions of this order cannot be modified except by written amendment in the form of a "Corrected Purchase Order" which has been approved by the City of Raleigh's Purchasing Manager.
11. Any rejected materials will be returned to the Supplier at the Supplier's risk and expense.
12. In the event of a Supplier's failure to deliver or perform as specified, the City reserves the right to cancel the order or any part thereof, without prejudice to its other rights. The Supplier agrees that the City may return part or all of any shipment and may charge the Supplier with all reasonable losses or expenses sustained as a result of such failure to deliver or perform.
13. In case of default of the contractor, the City may procure the articles or services from other sources and charge the Supplier damages for any excess costs or other damages caused by the default.
14. It is agreed that the goods, materials, equipment or services provided shall comply with all Federal, State or local laws, and that the Supplier shall defend actions or claims brought, and save harmless the City, and/or its officials or employees, from loss, cost or damage by reason of actual or alleged failure to comply with such laws.
15. All prices must be F.O.B. Destination and delivered to the destination indicated on the front of the purchase order. Where specific purchase is quoted or negotiated F.O.B. Shipping Point, the Supplier is to prepay the shipping charges and add them to the invoice.
16. The risk of loss and damage to the goods which are the subject of this order shall be the Supplier's until the goods are delivered to the destination set out in the order and accepted by the purchaser or its representative.
17. The Supplier acknowledges that it is the policy of the City of Raleigh to avoid commercial promotion of products used by the City or the Suppliers of such products. The Supplier accordingly agrees not to solicit, use, or disseminate commercial advertisement founded upon the City's purchase and/or use of the goods which are the subject of this order, and specifically agrees not to seek or use for advertising purposes the endorsement of goods or products by City officers or employees.
18. The City may, at any time, insist upon strict compliance with these terms and conditions, notwithstanding any previous customer, practice or course of dealing to the contrary. **Acceptance of the order includes acceptance of all terms, conditions, prices, delivery instructions and specifications as shown on this order or attached to and made a part of this order.**
19. All matters relating to this Purchase Order shall be governed by the laws of the State of North Carolina, without regard to its choice of law provisions, and venue for any action relating to this Contract shall be Wake County Civil Superior Court or the United States District Court for the Eastern District of North Carolina, Western Division.
20. Notwithstanding any other provisions of this Purchase Order, this Purchase Order and all materials submitted to the City by the Supplier are subject to the public records laws of the State of North Carolina and it is the responsibility of the Supplier to properly designate materials that may be protected from disclosure as trade secrets under North Carolina law as such and in the form required by law prior to the submission of such

materials to the City. Supplier understands and agrees that the City may take any and all actions necessary to comply with federal, state, and local laws and/or judicial orders and such actions will not constitute a breach of the terms of this Purchase Order. To the extent that any other provisions of this Purchase Order conflict with this paragraph, the provisions of this section shall control.

21. **Non-discrimination** - To the extent permitted by North Carolina law, the parties hereto for themselves, their agents, officials, employees and servants agree not to discriminate in any manner on the basis of race, color, creed, national origin, sex, age, handicap, or sexual orientation with reference to the subject matter of this Contract. The parties further agree, to the extent permitted by law, to conform with the provisions and intent of City of Raleigh Ordinance 1969-889, as amended. This provision is hereby incorporated into this Contract for the benefit of the City of Raleigh and its residents, and may be enforced by action for specific performance, injunctive relief, or other remedy as provided by law. This provision shall be binding on the successors and assigns of the parties with reference to the subject matter of this Contract.
22. **Insurance** – If performing services under this Purchase Order the Supplier agrees to maintain, on a primary basis and at its sole expense, at all times during the life of this Purchase Order the following coverages and limits. The requirements contained herein, as well as City’s review or acceptance of insurance maintained by Supplier is not intended to and shall not in any manner limit or qualify the liabilities or obligations assumed by Supplier under this Purchase Order:
  - a. **Workers’ Compensation Insurance** - Supplier agrees to maintain Worker’s Compensation Insurance in accordance with North Carolina General Statute Chapter 97 and with limits of no less than \$1,000,000 each accident, each employee and policy limit.
  - b. **Commercial General Liability** - Combined single limit of no less than \$1,000,000 each occurrence and \$2,000,000 aggregate. Coverage shall not contain any endorsement(s) excluding nor limiting Product/Completed Operations, Contractual Liability or Cross Liability.
  - c. **Commercial Automobile Liability** - Limits of no less than \$1,000,000 Combined Single Limit. Coverage shall include liability for Owned, Non-Owned and Hired automobiles. In the event Supplier does not own automobiles, Supplier agrees to maintain coverage for Hired and Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Auto Liability policy. Automobile coverage is only necessary if vehicles are used in the provision of services under this Purchase Order and/or are brought on a COR site.
  - d. **Additional Insured** - Supplier agrees to endorse the City as an Additional Insured on the Commercial General Liability. The Additional Insured shall read ‘City of Raleigh as its interest may appear’.
  - e. **Umbrella or Excess Liability** - Supplier may satisfy the minimum liability limits required above under an Umbrella or Excess Liability policy. There is no minimum Per Occurrence limit of liability under the Umbrella or Excess Liability, however, the Annual Aggregate limits shall not be less than the highest ‘Each Occurrence’ limit for required policies. Supplier agrees to endorse City of Raleigh as an ‘Additional Insured’ on the Umbrella or Excess Liability, unless the Certificate of Insurance states the Umbrella or Excess Liability provides coverage on a ‘Follow- Form’ basis.
  - f. **Professional Liability** - Limits of no less than \$1,000,000 each claim. This coverage is only necessary for professional services such as engineering, architecture or when otherwise required by the City.  
The City reserves the right to require a Certificate of Insurance meeting the minimum coverage and requirements of this section. Certificates of Insurance shall provide a minimum thirty (30) day endeavor to notify, when available, by Supplier’s insurer. If Supplier receives a non-renewal or cancellation notice from an insurance carrier affording coverage required herein, or receives notice that coverage no longer complies with the insurance requirements herein, Supplier agrees to notify the City within five (5) business days with a copy of the non-renewal or cancellation notice, or written specifics as to which coverage is no longer in compliance. The Certificate Holder address should read:  
City of Raleigh  
Post Office Box 590 Raleigh, NC 27602-0590  
All insurance companies must be authorized to do business in North Carolina and be acceptable to the City of Raleigh’s Risk Manager.
23. **Indemnity** – To the fullest extent permitted by law, except to the extent caused by the sole negligence or willful misconduct of the City, the Supplier shall indemnify and hold and save the City, its officers, agents and employees, harmless from liability of any kind, including all claims, costs (including defense) and losses accruing or resulting to any other person, firm, or corporation furnishing or supplying work, services, materials, or supplies in connection with the performance of this Purchase Order, and from any and all claims, costs (including defense) and losses accruing or resulting to any person, firm, or corporation that may be injured or damaged by the Supplier in the performance of this Purchase Order. This representation and warranty shall survive the termination or expiration of this Purchase Order. The Supplier shall indemnify and hold and save the City, its officers, agents and employees, harmless from liability of any kind, including claims, costs (including defense) and expenses, on account of any copyrighted material, patented or unpatented invention, articles, device or appliance manufactured or used in the performance of this Purchase Order.
24. **Intellectual Property** - All intellectual property, including, but not limited to, patentable inventions, patentable plans, copyrightable works, mask works, trademarks, service marks and trade secrets invented, developed, created or discovered in performance of services under this Purchase Order shall be the property of the City. Copyright in and to any copyrightable work, including, but not limited to, copy, art, negatives, photographs, designs, text, software, or documentation created as part of the Supplier’s performance of services under this Purchase Order shall vest in the City. Works of authorship and contributions to works of authorship created by the Supplier’s performance of services under this Purchase Order are hereby agreed to be ‘works made for hire’ within the meaning of 17 U.S.C. 201.
25. **Force Majeure** - Neither party shall be deemed to be in default of its obligations hereunder if and so long as it is prevented from performing such obligations by an act of war, hostile foreign actions, nuclear explosion, earthquake, hurricane, tornado, or other

catastrophic natural event or act of God. Except at otherwise provided in any environmental laws, rules, regulations or ordinances applicable to the parties and the services performed under this Purchase Order, neither party shall be deemed to be in default of its obligations hereunder if and so long as it is prevented from performing such obligations by an act of war, hostile foreign actions, nuclear explosion, earthquake, hurricane, tornado, or other catastrophic natural event or act of God. Either party to the Purchase Order must take reasonable measures and implement reasonable protections when a weather event otherwise defined as a force majeure event is forecast to be eligible to be excused from the performance otherwise required under this Purchase Order by this provision.

26. **Cancellation** - The City may terminate this Purchase Order at any time by providing written notice to the Supplier. Supplier shall cease performance immediately upon receipt of such notice. In the event of early termination, Supplier shall be entitled to receive just and equitable compensation for costs incurred prior to receipt of notice of termination and for the satisfactory work completed as of the date of termination and delivered to the City. Notwithstanding the foregoing, in no event will the total amount due to Supplier under this section exceed the total amount due Supplier under this Purchase Order.
27. **Miscellaneous** - The Supplier shall be responsible for the proper custody and care of any property furnished or purchased by the City for use in connection with the performance of this Purchase Order, and will reimburse the City for the replacement value of its loss or damage. The Supplier shall be considered to be an Independent Contractor and as such shall be wholly responsible for the work to be performed and for the supervision of its employees. Nothing herein is intended or will be construed to establish any agency, partnership, or joint venture. Supplier represents that it has, or will secure at its own expense, all personnel required in performing the services under this Purchase Order. Such employees shall not be employees of or have any individual contractual relationship with the City.
28. **E-Verify** - I understand that E-Verify is the federal E-Verify 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 in accordance with NCGS §64-25 et seq. I am aware of and in compliance with the requirements of E-Verify and Article 2 of Chapter 64 of the North Carolina General Statutes. To the best of my knowledge, any subcontractors employed by me as a part of this contract are in compliance with the requirements of E-Verify and Article 2 of Chapter 64 of the North Carolina General Statutes.
29. **Iran Divestment Act Certification** – Contractor certifies that, as of the date listed below, it is not on the Final Divestment List as created by the State Treasurer pursuant to N.C.G.S. § 147-86.55, *et seq.* In compliance with the requirements of the Iran Divestment Act and N.C.G.S. § 147-86.59, Contractor shall not utilize in the performance of the contract any subcontractor that is identified on the Final Divestment List.
30. **Companies Boycotting Israel Divestment Act Certification** - Contractor certifies that it has not been designated by the North Carolina State Treasurer as a company engaged in the boycott of Israel pursuant to N.C.G.S. 147-86.81.

**CITY OF RALEIGH**  
**MINIMUM SPECIFICATIONS**

**1. GENERAL:**

The following specifications are intended to describe the minimum requirements for providing the City of Raleigh with **Liquid Ferric Sulfate** of the latest design and styles. Specific details listed below should be considered to be minimum requirements unless otherwise described. **Where no specifications are listed, the item is to be described as bid.** Applicable manufacturer’s literature is to be included with the bid.

All items provided as described within these specifications and requirements must be new, unused, and of the manufacturer’s latest design and model unless otherwise specified. All standard equipment for the product must be provided. All necessary parts not mentioned, but needed for the full operation of the product(s) specified must be supplied. Optional items and accessories may be priced separately if not specified.

**Bidders must submit all manufacturer’s literature, specifications, warranty information, etc. with their bid proposal.**

All items and product, and the prices proposed in response to this Bid are to include all transport, freight and fuel surcharges, and be delivered FOB Raleigh, North Carolina to the location provided on the City Purchase Order.

**2. EXCEPTIONS TAKEN TO SPECIFICATIONS:**

Bidders must note clearly any and all exceptions taken to the specifications, either written on the specification page(s), or attached on a separate page and returned with their bid proposal. The specifications were not written to intentionally eliminate any one bidder, but to be used as a guide for the size and quality of the equipment requested. In some instances, a particular manufacturer and model may be specified with or without an approved equal. It is noted that different manufacturers will have differences in engineering and design of equipment. Bidders must note these differences as an “Exception” and include detail information explaining how the exception is “equal to” or “exceeds” the intent of the specification. All exceptions and items submitted as an equal will be evaluated. The City reserves the right to reject any and all bids and to waive any irregularities or technicalities in bids received whenever such rejection or waiver is in the best interest of the City of Raleigh.

**3. ORDER AND DELIVERY:**

All orders placed from this Liquid Ferric Sulfate bid are requested to be delivered **7-10 Days from the receipt of the City’s Purchase Order.**

**CUSTOMER SUPPORT:**

1. Supplier will designate one individual who will represent the awarded supplier. This contact person will correspond to technical assistance, questions or problems that may arise.
2. Qualified telephone support shall be available during the CITY’s standard business hours (7:00 a.m. – 4:00 p.m. EST, Monday through Friday). Customer support shall include live telephone access, internet site access and email access.

Supplier’s contact person name: \_\_\_\_\_

Supplier’s support telephone number is: (            ) \_\_\_\_\_

Supplier’s internet site (web) address is: \_\_\_\_\_

Supplier’s support email address is: \_\_\_\_\_

3. Responses to requests for assistance shall be within one (1) business day from request date.

**TERMINATION OF CONTRACT RESULTING FROM THIS ITB:**

The City of Raleigh reserves the right to cancel the whole or any part of a resulting Contract due to failure by the Supplier to carry out any obligation, term or condition as described in the below procedure. Prior to any termination for cause, the City will provide written notice to the Supplier, opportunity to respond and opportunity to cure. Some examples of material breach include, but are not limited to:

1. The Supplier provides product that does not meet reasonable quality standards and is not remedied in a timely manner.
2. The Supplier fails to ship the products or provide the delivery within a reasonable amount of time;
3. The City has reason to believe the Supplier will not or cannot perform to the requirements or expectations of the Contract and issues a request for assurance and Supplier fails to respond;
4. The Supplier fails to observe any of the material terms and conditions of the Contract;
5. The Supplier fails to follow the established procedure for ordering and invoicing as established by the City and the Supplier in the Contract.
6. The Supplier fails to report quarterly sales;
7. Upon receipt of the written notice of concern, the Supplier shall have three (3) business days to provide a satisfactory response to the City. Failure on the part of the Supplier to reasonably address all issues of concern may result in Contract cancellation pursuant to this Section. If the issue is not resolved within seven (7) days, contract will be terminated.
8. Any termination shall have no effect on purchases that are in progress at the time the cancellation is received by the City. The City reserves the right to cancel the Contract immediately for convenience, without penalty or recourse, in the event the Supplier is not responsive concerning the remedy, the performance, or the violation issue within the time frame, completely or in part.
9. The City reserves the right to cancel or suspend the use of any Contract resulting from this ITB if the Supplier files for bankruptcy protection or is acquired by an independent third party. Awarded Supplier will be responsible for disclosing to the City any litigation, bankruptcy or suspensions/disbarments that occur during the contract period. Failure to disclose may result in an immediate termination of the contract.
10. The City may execute Contract termination without cause with a required 30-day written notice of termination. Termination of Contract shall not relieve either party of financial, product or service obligations incurred or accrued prior to termination.
11. Events of Automatic termination to include, but not limited to:
  - a. Supplier's failure to remedy a material breach of a Contract resulting from this ITB within thirty (30) days of receipt of notice from the City specifying in reasonable detail the nature of such breach; and/or,
  - b. Receipt of written information from any authorized agency finding activities of the Supplier engaged in pursuant to a Contract resulting from this ITB to be in violation of the law.

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## Liquid Ferric Sulfate Minimum Specifications:

**1. QUANTITY:**

- a. The quantities stated herein are estimated and based on the City’s previous annual usage for those product/item(s). The needed quantities of chemicals may increase or decrease during the contract period due to State or Federal regulations for treatment; increased volumes of water and wastewater to be treated; change in usage to avoid violations; construction delays or other operational changes.
- b. The City reserves the right to order more or less than the quantity stated herein; ordering the quantity of product as required for the operations of the City.
- c. The estimated annual usage for each water treatment plant is provided below:
  - E.M. Johnson Water Treatment Plant 13,200,000 pounds
  - D.E. Benton Water Treatment Plant 3,700,000 pounds
- d. Bidder must be able to meet the demand of an estimated max weekly usage during summer months of 468,000 dry pounds or 13 loads at 3,500/GAL each.

**2. CITY FACILITY LOCATIONS:**

Deliveries will be made to any of the following locations, as specified on the City’s Purchase Order:

EM Johnson Water Treatment Plant	D.E. Benton Water Treatment Plant
10301 Falls of Neuse Rd	2315 Benson Road
Raleigh, NC 27614	Garner, NC 27529
Phone: 919-996-2870	Phone: 919-996-4580

**3. SAMPLE REQUIREMENTS:**

- a. **If requested.** Bidders are required to provide product/item samples for testing and verification, for each item quoted within the Bidder’s bid proposal. The City reserves the right to run a real process trial/test to verify the ferric sulfate to be supplied meets the City’s specifications and requirements.
- b. If samples are requested, the bid will not be awarded and approved until the requested samples have been provided, tested, and confirmed to meet all the bid specifications and requirements.

**4. DRINKING WATER REGULATORY REQUIREMENTS:**

- a. All products/items, supplies, equipment, and apparatus must meet all Federal, State, and Local safety regulations, specifications and requirements, and guidelines, from the North Carolina Office of Water and Air Resources, AWWA, OSHA, US DOT, NC-DOT, NFPA, UL, FCC, etc., if so regulated.
- b. Liquid Ferric Sulfate solution must be approved for potable water treatment and meet ANSI/NSF STANDARD 60: Drinking Water Treatment Chemicals – Health Effects.
- c. Liquid Ferric Sulfate solution must meet the latest revision AWWA Standard B406 and C406.
- d. Certificates of Compliance with the latest revision of ANSI/NSF STANDARD 60 and the AWWA Standard B406 and C406 for the product being proposed, must be submitted by all Bidders with their bid.

**5. AFFIDAVIT OF COMPLIANCE:**

- a. All Bidders must submit an Affidavit of Compliance from the chemical manufacturer stating compliance with all applicable requirements of these specifications with their bid proposal.
- b. An affidavit of compliance tender documents shall accompany each delivery. The Liquid Ferric Sulfate MUST MEET AWWA B406-06 and ANSI/NSF STANDARD 60.
- c. The awarded bidder must provide technical assistance as deemed necessary by the City of Raleigh on the application of their product.
- d. The person(s) authorized to certifying the affidavit of compliance for the Contractor shall be as stated in the Request for Bid.
- e. The affidavit of compliance/Certificate of Analysis (C of A) tender documents shall accompany each delivery

f. The Affidavit of Compliance must specify by percentage (%) the following chemicals and characteristics:

- i. % Ferric iron ( $\text{Fe}^{3+}$ )
- ii. % Ferrous iron ( $\text{Fe}^{2+}$ )
- iii. % total iron
- iv. % Free sulfuric acid
- v. Liquid specific gravity
- vi. % solids (insoluble material)

**6. CERTIFIED LABORATORY ANALYSIS REPORT:**

a. All Bidders must submit a Certified Laboratory Report from an accredited lab with their bid proposal. Bidders must provide results for all parameters listed in section 12f below and 5f above. All Analysis must be performed using EPA approved analytical methods and by an accredited 3<sup>rd</sup> party laboratory. Bidder must provide the lab's ISO 17025 certification credentials.

b. The awarded Bidder is required to provide a Monthly Ferric Sulfate Analysis Report from a certified laboratory using a sample of production-run product that was shipped to the City.

c. For the first delivery to the Water Treatment Plants or when a significant change occurs in the contractor manufacturing process, a certified laboratory report and all subsequent reports must be submitted to:

City of Raleigh Public Utilities Department  
E.M. Johnson Water Plant  
P.O. Box 590  
Raleigh NC, 27602  
Attention: Operations Superintendent

**7. SDS/MSDS:**

a. All Bidders must include a Safety Data Sheet (SDS) for each chemical quoted in their bid proposal.

b. The vendor or manufacturer must provide the City's Water Plant Staff with the SDS on each delivery.

c. If an SDS is updated by the bidder, they must notify the Plant Operations Supervisor and send the new copy of the SDS to them **and** the Contracts at [PurchasingDL@raleighnc.gov](mailto:PurchasingDL@raleighnc.gov)

**8. MANUFACTURER REQUIREMENTS:**

a. Bidders must fill-in and provide on their Bid Proposal Form the Manufacturer of the Liquid Ferric Sulfate solution being proposed by the Bidder.

b. Liquid Ferric Sulfate solution must not contain any soluble material or any organic substances in quantities capable of producing deleterious of injuries effects on the health of those consuming water that has been properly treated with the chemical.

c. Liquid Ferric Sulfate solution must be suitable for feeding by means of metering pumps and other metering devices constructed of corrosion – resistant materials.

d. Liquid Ferric Sulfate solution must be free from extraneous and objectionable materials and shall be transported and delivered at such concentration and temperature that no freezing occurs.

e. The awarded Bidder/Vendor supplying the Liquid Ferric Sulfate solution must provide technical assistance for the application of their product as deemed necessary by the City.

f. The awarded Bidder/Vendor is responsible for providing and ensuring that necessary safeguards are in place (physical measures, policies and procedures, site security protocols, etc.) to protect the Ferric Sulfate from natural and environmental hazards and unauthorized contamination during the manufacturing process and transport to the City.

g. The City reserves the right to request proof and documentation that safeguards and security measures are in place, and/or visit and conduct an in-person review and inspection at the manufacturer's facility prior to the bid award and start of the contract.

h. The City reserves the right to not award a bid, or cancel and terminate an existing bid contract, if adequate safeguards and security measures are not in place and enforced by the vendor providing the chemical(s).

i. The Bidder/Vendor must send samples of their product once a month to a 3<sup>rd</sup> party lab with ISO 17025 accreditation for analysis of the following parameters: Ferric ( $\text{Fe}^{3+}$ ) content in %/weight, Ferrous ( $\text{Fe}^{2+}$ ) content in %/weight, Free Acid in %/weight, Calcium (mg/kg) and Magnesium (mg/kg) and Specific Gravity. Lab analysis shall be conducted using the methods outlined in AWWA Standard B406.

j. The Bidder/Vendor shall submit the lab report to the Plant Operations Superintendent each month; however, the Bidder/Vendor shall notify the Plant Operations Superintendent of any product quality issues immediately.

## 9. **GUARANTEE OF SUPPLY AND ADEQUATE DELIVERY CAPABILITIES:**

### a. Production/Delivery Capabilities:

Bidders must provide in writing a brief description of their manufacturing capabilities, including current production output of ferric sulfate, the maximum production output of ferric sulfate, and inventory management practices. Bidder must also list their total number of truck drivers, trucks, and tankers used to haul ferric sulfate and/or the transportation company they use and their capabilities. (number of drivers, trucks, and tankers used to haul ferric sulfate) They must also list all current customers/municipalities with how many deliveries they receive each week. The City of Raleigh must have assurance that not only the quantity of weekly ferric we need can be produced at a facility, but also that the company can deliver up to 10 loads per week to the EM Johnson plant and up to 3 loads to the DE Benton plant on simultaneous weeks.

### b. Letter of Guarantee:

A Letter of Guarantee is required to be provided by the bidder with their bid outlining how the bidder, if awarded the bid, will ensure there no interruptions in their supply of ferric sulfate to the City. If the Bidder/Vendor's facility has a production issue and is unable to make enough product for the weekly demand at both of the City's water treatment plants, the Bidder must obtain the product with the same required specifications from another manufacturing facility to meet the City's requirements at no increased cost to the City. The vendor must immediately communicate the problem with the manufacturing facility to the Plant Operations Supervisor and coordinate delivery of product from another facility.

### c. References:

Bidder must provide three (3) references of government agencies that are currently being supplied ferric sulfate by the bidder. The list must include correct names, phone numbers, waste products handled and time/length the bidder has been providing ferric sulfate to that agency.

References are to be provided on the Reference Information Form herein (see Appendix A, page 18)

## 10. **PACKAGING AND SHIPPING REQUIREMENTS:**

a. The Liquid Ferric Sulfate solution must be shipped in clean, suitable tanker trucks. The tanks must be rubber-lined or made of stainless steel or any other suitable material that will not be attacked by the acidity of the liquid.

b. Tanker trucks must be in suitable condition for delivering ferric sulfate and shall not contain any substances that might affect the use or usefulness of the ferric sulfate in treating municipal water supplies.

c. Bulk tanker deliveries must be accompanied by Certified Weight Certificates showing last calibration date.

## 11. **DELIVERY PROCEDURES AND REQUIREMENTS:**

a. All items are to be **delivered FOB Raleigh, NC** to the City location as provided on the City Purchase Order.

b. All items are to be delivered safely.

c. All chemicals must be shipped in clean, suitable tanker trucks. All tanks must be made of stainless steel or any other suitable material that will not interact or react to the chemical contain within.

d. All deliveries will be made during daylight hours, between 7:00 a.m. and 2:00 p.m. Tanker trucks will not be allowed on site before 7:00 am. Any exception to this requirement must be approved by the Plant Operations Supervisor or his/her designated representative. The Plant Operations Supervisor will place an order for the following week. The Bidder/Vendor must be able to deliver product 7-10 days after the order is placed. All deliveries must be delivered as scheduled. Any consistent deviations from the delivery schedule may result in cancellations of contract.

e. The Bidder/Vendor shall assign a specific Customer Service Representative (CSR) to the City of Raleigh. The Plant Operations Supervisor at each plant needs a point of contact that is familiar with our policies and procedure to ensure all deliveries are successful and good communication is maintained. The CSR should meet with the Plant Operations Supervisors at each plant (DE Benton and EM Johnson) a minimum of 3 times per year. A vendor evaluation form will be utilized by Raleigh Staff biannually to review the contractor's performance (See Appendix D).

f. Vendors must send the names and photos (for identification purposes) of all drivers making deliveries to any City water facility prior to the scheduled delivery of the chemical.

g. All deliveries must be scheduled in advance with the City water facility receiving the order.

h. All delivery trucks must be sealed with security tags after being loaded at terminal. The manifest or shipping ticket must be correct. Any discrepancies on the ticket regarding driver identification and any discrepancies regarding the "security tags/seals" will result in the load being refused.

The City water facility must be notified of the name of the driver, the truck and trailer number, the seal tag numbers, and the Certificate of Analysis (C of A) before leaving the terminal via an email distribution list that includes the Plant Operations Supervisor and Plant Operators. The City water facility must be notified of the delivery driver's name before the truck leaves the terminal to allow the City to match up the driver's name & photo with his ID upon arrival at the City facility.

i. City water facility will give a "passcode" to the vendor when placing orders for the next week for each individual delivery truck. It is the responsibility of the vendor to make sure the transportation/carrier writes the passcode on the driver's paperwork. The delivery driver must provide the same passcode to City staff to gain entry into the City facility. No delivery truck will be permitted to enter a City facility without the correct passcode.

j. The Raleigh Police Department and the Federal Bureau of Investigation may be contacted if the delivery protocol and procedures are not followed.

**k.** City water facility personnel will check all delivery information. All delivery documents must be correct and contain the specific information as related to the delivery. All delivery documents must include the City's purchase order number and provide the correct product, quantity, unit of measure, and price as per the City's purchase order. The City's purchase order number must be printed and referenced on all documents and invoices. Any discrepancies will delay the delivery and off-loading process, and/or the delivery may be refused.

- l.** Upon arrival at a City of Raleigh facility, the truck driver must present the following items:
- i.** Photo ID prior to receipt of shipment; otherwise shipment will not be accepted.
  - ii.** Vendor's Shipping Invoices.
  - iii.** Affidavit of Compliance.
  - iv.** Machine Stamped Weighmaster's Certificate of Weight and Measure.

**m.** The unloading or transfer of chemicals from the tanker truck shall be considered the responsibility of the contractor and the tanker truck operator. All drivers shall report to the offloading operator in charge on every delivery, and obtain their approval prior to starting the unloading process. Plant personnel must be present during the entire offloading process. Delivery drivers are not permitted to deliver and unload any chemicals without City personnel being present.

**n.** All tanker and appurtenant valves used for the delivery of liquid ferric sulfate under this agreement must be in good mechanical order and shall be in full compliance with the applicable requirements of all current Hazardous Material Regulations.

**o.** Any tanker truck found leaking chemicals will not be permitted to enter or depart a City of Raleigh facility until appropriate repairs are made by the vendor or transport company. Any tanker truck found leaking chemicals will be considered an emergency situation and will require immediate attention by the vendor.

**p.** The vendor and truck operator will be responsible for the cleanup of all spills, contaminated matter, and the removal of all contaminated cleanup material. The vendor will be notified immediately of any spills that are not cleaned up by the truck driver. Any spills not cleaned within 2 hours of notification will be cleaned by the City and billed to the contractor.

**q.** The delivery truck driver must wear the appropriate protective face and body apparel during the unloading and handling of the water treatment chemicals, as required by North Carolina Occupational and Health Standard.

**r.** Unloading time will be free of charge to the City for a minimum of 2.5 hours, beginning upon the arrival of the tanker on City property and ending upon its departure from City property. Any additional delivery charge for exceeding the 2.5 hour unloading time must be documented on the delivery docket prior to leaving the City facility by the delivery driver, and must be billed at the rate quoted on the

Bidder's proposal (see Bid Proposal Form Item #2). Any additional charge will be investigated and approved by the City prior to payment. The City shall not be charged a demurrage fee if two trucks show up at the same time and the 2<sup>nd</sup> truck is waiting to offload for more than 2.5 hours. It is the responsibility of the vendor/shipping company to ensure the driver making the delivery does not exceed their Hours of Service while on the plant site. Trucks are not allowed to stay on site over night under any circumstances.

**s.** The vendor will deliver all chemicals in clean, dedicated containers/tankers that are free of contaminants. Any contamination of the chemicals during transport or during the unloading process will render the vendor liable for the expense of the disposal and replacement of any contaminated material, as well as the clean-up of City storage facilities and the replacement of existing inventory prior to the delivery.

**t.** The Contractor shall make deliveries of ferric sulfate upon request, in tanker trucks. The load size should be approximately 3500 gallons. **All drivers must present a driver's photo ID prior to receipt of shipment; otherwise shipment will not be accepted.**

## **12. CHEMICAL STANDARDS & REQUIREMENTS:**

**a.** Liquid Ferric Sulfate solution MUST MEET AWWA B406-97 and ANSI/NSF STANDARD 60.

**b.** Liquid Ferric Sulfate solution must be manufactured from virgin mined iron ore, LKAB Minerals MagnaChem or an approved equivalent that meets MagnaChem specifications of high purity components (i.e. magnetite, hematite, ferrous sulfate, etc.), and a "water white" grade of sulfuric acid.

**c.** The City of Raleigh reserves the right to add or delete specific impurity listings as is required to meet all USEPA, SDWA, and FDEP water quality standards, and any newly regulated maximum contaminant level (MCL) that may be passed into law during the span of the contract.

- The vendor will comply with any such changes that are required, by whatever process change that is required, at no additional cost to the City.

**d.** All impurities must be with values listed in the Water Chemical Codex.

e. The Liquid Ferric Sulfate solution must meet the following properties and characteristics:

- |      |   |               |
|------|---|---------------|
| i.   | Formula: $\text{Fe}_2(\text{SO}_4)_3 \cdot n\text{H}_2\text{O}$ |               |
| ii.  | Molecular Weight (approximate):                                 | 399.8         |
| iii. | Ferrous Iron ( $\text{Fe}^{2+}$ )                               | 0.15% max     |
| iv.  | Free Acid (as $\text{H}_2\text{SO}_4$ ):                        | 0.10% max     |
| v.   | % Insoluble:  | 0.1% max      |
| vi.  | Ferric Iron ( $\text{Fe}^{3+}$ )                                | 12.9% - 13.9% |
| vii. | Specific Gravity  | 1.57 - 1.63   |

f. The Liquid Ferric Sulfate solution must not contain the listed specific impurities in excess of the following limits (by weight):

i.	Arsenic	1.0 mg/kg
ii.	Antimony	1.0 mg/kg
iii.	Mercury	0.2 mg/kg
iv.	Barium	6.0 mg/kg
v.	Beryllium	1.0 mg/kg
vi.	Cadmium	0.5 mg/kg
vii.	Chloride	100 mg/kg
viii.	Chromium	5.0 mg/kg
ix.	Copper	5.0 mg/kg
x.	Cyanide	1.0 mg/kg
xi.	Fluoride	60 mg/kg
xii.	Lead	1.0 mg/kg
xiii.	Magnesium	200 mg/kg
xiv.	Manganese	120 mg/kg
xv.	Molybdenum	15 mg/kg
xvi.	Nickel	40 mg/kg
xvii.	Nitrates (as N)	75 mg/kg
xviii.	Nitrites (as N)	75 mg/kg
xix.	Selenium	<0.1 mg/kg
xx.	Silver	11 mg/kg
xxi.	Sodium	1000 mg/kg
xxii.	Thallium	10.0 mg/kg
xxiii.	Titanium	100 mg/kg
xxiv.	Total Nitrate & Nitrite	150 mg/kg
xxv.	TOC	15 mg/kg
xxvi.	Zinc	10 mg/kg
xxvii.	Calcium	200 mg/kg

The City of Raleigh is following ISO 9001 Standards and expect all vendors to be compliant with any requirements we have to ISO.

The City reserves the right to reject any delivery that does not conform to these specifications. If the material does not meet the requirements of this specification, the vendor shall remove the material from the premises of the City and at no cost to the City. This will also be grounds for termination of the contract.

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**REFERENCES**

Provide at least three (3) references, other than the City of Raleigh, for which your company has provided goods and services of substantially the same features and quantity to those solicited herein. References shall be checked during the evaluation period to determine that the goods provided are substantially similar to those bid herein and that the supplier’s performance has been satisfactory. Information obtained will be considered in evaluation of the bids. Bidders are cautioned to provide accurate information. Misleading information presented in the references may result in a rejection of the proposal.

1. Agency or Company Name: \_\_\_\_\_

Business Address \_\_\_\_\_

Contact Person \_\_\_\_\_

Contact Telephone Number: \_\_\_\_\_

Contact E-Mail Address: \_\_\_\_\_

2. Agency or Company Name: \_\_\_\_\_

Business Address \_\_\_\_\_

Contact Person \_\_\_\_\_

Contact Telephone Number: \_\_\_\_\_

Contact E-Mail Address: \_\_\_\_\_

3. Agency or Company Name: \_\_\_\_\_

Business Address \_\_\_\_\_

Contact Person \_\_\_\_\_

Contact Telephone Number: \_\_\_\_\_

Contact E-Mail Address: \_\_\_\_\_