PROCUREMENT DEPARTMENT



Teria G. Sheffield Procurement Director

SOLICITATION TYPE: Invitation to Bid **DATE:** 8/7/2023

ID Number: 2891 Title: Ammonium Calcium Nitrate for Odor and

Corrosion Control for Waste Water Systems

Due Date/Time: September 5, 2023 at 3:00 p.m.

LATE SUBMITTALS WILL NOT BE ACCEPTED

Opening Location:

Government Center Building Room 3401 6 S. Congress St., York, SC 29745

Point of Contact: Bryant Cook, Procurement Manager

Questions Deadline: No later than August 30, 2023 at 4:00 p.m.

Tentative Date of Council Approval: September 18, 2023

SECTION 1 INTRODUCTION

1.1 Description

York County is interested in receiving bids from qualified firms who can offer Ammonium Calcium Nitrate for Odor and Corrosion Control for Waste Water Systems for use by the York County Water and Sewer Department.

The intent of these specifications is to solicit bids for a solution of ammonium calcium nitrate for odor and corrosion control with the intention of purchasing an estimated total quantity of 12,000 gallons per month delivered to multiple locations within York County for an estimated grand total of 144,000 gallons per year.

1.2 Background

York County Water and Sewer currently maintains over 100 miles of wastewater collection lines in its two systems on the east and west sides of Lake Wylie. Because the County is a collection system only with no treatment plants it is required to pump all of the wastewater collected to the City of Rock Hill for treatment at its Manchester Creek Waste Water Treatment Plant.

The system uses 45 wastewater pumping stations to pump an average of 3.5 million gallons of wastewater per day. Because of the utilization of nearly forty miles of pressure force main to convey the wastewater to the City of Rock Hill, hydrogen sulfide formation is inevitable. In 2013 York County completed a study with a consultant specializing in odor/corrosion control. The results of the study recommended continued use of the calcium nitrate solution currently being used by York County.

SECTION 2 SCOPE AND SPECIFICATIONS

2.1 Product

A. The product supplied shall be an aqueous solution of ammonium calcium nitrate double salt, containing a minimum of 3.5 pounds of nitrate-oxygen per gallon.

Approved chemicals: Bioxide and Cal-X Plus.

B. The product shall be capable of reducing the dissolved hydrogen sulfide concentration in wastewater to less than 0.1 mg/l.

- C. The product supplied shall utilize the inherent ability of the facultative bacteria normally present in wastewater to metabolize hydrogen sulfide and other odorcausing, reduced sulfur containing compounds.
- D. The product shall be chemically stable, allowing continuous removal of sulfide contributed by side streams downstream of the application point.
- E. The product shall be free of any objectionable odor-producing compounds.
- F. The pH of the product shall be no lower than 4.0 nor greater than 9.0.
- G. The product shall not freeze above 5 degrees F.
- H. The product shall be fully compatible with storage and feed equipment constructed of any of the following materials:
- 1. High Density Cross-linked Polyethylene
- PVC
- 3. Polypropylene
- 4. FRP
- 5. Stainless Steel (316)
- I. No seasonal variation of product concentration shall be permitted.
- J. The minimum nitrate-oxygen content and specific gravity of the quoted solution must be provided and must be expressed as pounds nitrate-oxygen per gallon of solution.

2.2 Delivery

The Bid price must include delivery.

Delivery locations and quantities:

Regional Stations

Crowder's Creek Lift Station 5650 Charlotte Hwy Lake Wylie, SC 29710 - **4,800 Gallons** per month

Little Allison Creek Lift Station, 5655 Allison Creek Rd., York, SC 29745 - **3,000 Gallons** per month

Regent Park Lift Station, 1180 Convention Dr., Fort Mill, SC 29715 - **6,000 Gallons per month**

Satellite Stations (included in the above totals)

Baxter #3 Lift Station, 5523 Morris Hunt DR, Fort Mill, SC 29708 – **Approximately 575 Gallons per month**

Four Seasons Lift Station, 438 Garnet CT, Fort Mill, SC 29708 – **Approximately 450 Gallons per month**

Mill Pond Lift Station, 111 Mill Pond RD, Clover, SC 29710 – **Approximately 1,800 Gallons per month**

Palmetto West Lift Station, 1303 Crown Ridge DR, Fort Mill, SC 29708 – **Approximately 575 Gallons per month**

Springfield #1 Lift Station, 1645 Kennel RD, Fort Mill, SC 29715 – **Approximately 575 Gallons per month**

Springfield #2 Lift Station, 1255 AO Jones BLVD, Fort Mill, SC 29715 – **Approximately 1,125 Gallons per month**

2.3 Delivery Schedule

Delivery must be between the hours of 9:00 A.M. E. S. T. and 4:00 P.M. E. S. T Monday through Friday excluding the following holidays: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Thanksgiving, the day after Thanksgiving, Christmas Eve and Christmas Day.

2.4 General

The successful bidder must be a sales distributor, authorized by the manufacturer, to sell the product specified herein. A signed document from the manufacturer confirming this must be included with the bid.

2.5 Warranty and Guarantee

Product must be warranted or guaranteed by the manufacturer to be used for purposes of odor control in waste water systems and to be consistent with the chemical makeup described in section 6.0 of this document. A copy of the warranty is to accompany the Bid. Also, the supplier is to furnish the name and contact information for the product shall the warranty/guarantee not be met.

2.6 Safety Data Sheet

A current copy of the Safety Data Sheet for the product must be submitted with the Bid.

SECTION 3 INSTRUCTIONS TO BIDDERS

3.1 Submittal

Online submittal: Electronic submittals shall be uploaded in PDF format via the Getall online portal. To ensure that an electronic submittal is received by the due date and time, it is recommended that submittals are uploaded allowing sufficient time prior to deadline. An email confirmation of submittal will be received after clicking on the Confirm Bid button in the GetAll system. If confirmation email is not received, contact GetAll support at support@getall.com to confirm submittal was successful. The Offeror shall be responsible for confirming that submittal is received by the deadline. Any submittal received after the closing date and time deadline will not be considered.

Electronic submittals must include a copy of the bid bond when applicable and any other required documents.

For step by step instructions on how to submit a response select Help and then Quick Reference in the Getall portal:

Each response shall be submitted on the Bid Form as furnished, which includes bid price, acknowledgment of any addendum, Bidder's information and signature.

If County offices are closed due to inclement weather, the bids shall be opened at the same scheduled hour on the 3rd working day (excluding County observed holidays) after the scheduled bid opening date. In the event that an act of nature occurs preventing a firm to attend a mandatory meeting or submitting a bid on time, the County reserves the right to accept or excuse the firm's tardiness.

3.2 Intent

It is the intent and purpose of York County that this Request permits competition. It must be the Bidder's responsibility to advise York County if any language, requirements, etc., or any combinations thereof, inadvertently limits the requirements stated in this request to a single source.

It is also the intent of this Request to give equal consideration to all Bidders. While evaluating each Bid; price and service will be factors in making a purchasing decision.

3.3 Information

York County reserves the right to reject any or all responses, waive any technicalities and select the Bidder who is determined to best meet the needs of the County for this Request.

To assure clarity, all Bidders may contact the appropriate county officials as listed in the Inquiries section of this solicitation, via the GetAll portal and ask pertinent questions regarding the requirements/specifications of this Request. Any inquiry or request for interpretation received five (5) or more days prior to the date fixed for opening of Bids will be given consideration unless otherwise specified on cover page. All such changes or interpretations will be made in writing in the form of an addendum and, if issued, posted on the County's website www.yorkcountygov.com. Each Bidder must acknowledge receipt of such addenda in the space provided in the Bid Form included herein. In case any Bidder fails to acknowledge receipt of such addenda or addendum, the Bid will nevertheless be construed as though it had been received and acknowledged and the submission of the Bid will constitute acknowledgement of the receipt of same. It is the responsibility of each Bidder to verify that he has received all addenda issued before Bids are opened. Questions received less than five (5) days prior to the date for opening of Bids may not be answered unless otherwise specified on cover page. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect

3.4 Inquiries

General questions about this solicitation should be submitted through the <u>Getall</u> portal, by selecting the questions icon in the corresponding Q&A column.

SECTION 4 BID EVALUATION, AWARD, AND CONTRACT

4.1 General

Bid will be awarded to the most responsible Bidder who meets the requirements and evaluation criteria set forth in the Invitation for Bids and are either the lowest Bid price or lowest evaluated Bid price.

4.2 Determination of Lowest Bidder

Bids must be evaluated to determine which Bidder offers the lowest cost in accordance with the criteria set forth in the Invitation for Bids.

4.3 Modification of Bids

York County does not allow modification of Bids after deadline.

4.4 Award

The County must award this Bid to the lowest responsible and responsive Bidder who best meets the terms and conditions of the Bid. The award will be made on basis of price, product evaluation, and prior history of service and capability. York County reserves the right to reject any or all Bids and to make an award to the most advantageous vendor.

Upon determination of the lowest Bidder, review of Bid for responsiveness, and satisfaction that the vendor is responsible, then upon approval of the York County Council, a Purchase Order will be issued to that vendor.

4.5 Terms of Contract

The contract term shall be for three (3) years with the option to renew for two (2) additional one (1) year terms and shall commence from issuance of Purchase Order to delivery and acceptance by owner of product/services described in this document.

The Contract must be valid from the date of the initial Purchase Order and must remain valid for the duration of term mentioned above.

Breach or non-performance of any Contract term must constitute cause upon which the County may immediately terminate the Contract by written notice. A waiver by the County of any breach or non-performance of any term of this agreement must not operate as a waiver of any subsequent breach or non-performance.

4.6 Termination of Contract

- a. Should a dispute arise, and if, after a good faith effort at resolution, the dispute is not resolved, either party may terminate the contract by providing thirty (30) days written notice to the other party.
- b. Convenience: In the event that this contract is terminated or canceled upon request and for the convenience of York County without the required (30) days advance written notice, then York County must negotiate reasonable termination costs, if applicable.
- c. Cause: Termination by York County for cause, default or negligence on the part of the Vendor must be excluded from the foregoing provisions; termination costs, if any must not apply. The thirty (30) days advance notice requirement is waived and the default provision listed herein must apply.
- d. Default: In case of default of Vendor, York County reserves the right to purchase/lease any or all items or all items/services in default open market, charging Vendor with any excessive costs.

4.7 Non-Appropriation Clause

Notwithstanding any other provision of this request/agreement, all obligations of the County under this solicitation which require the expenditure of funds are conditioned on the availability of funds appropriated for that purpose.

4.8 Protest

Any prospective bidder, Bidder, contractor or subcontractor aggrieved in connection with the solicitation of a contract shall protest to the Procurement Director within seven days, but not thereafter, of the date of issuance of the invitation for bids, request for bids or other solicitation documents, whichever is applicable, or any amendment thereto, if the amendment is at issue. Any actual bidder, Bidder, contractor or subcontractor aggrieved in connection with the intended award or award of a contract shall protest to the appropriate Procurement Officer within seven days, but not thereafter, of the date notification of award is posted. A protest shall be in writing, submitted to the Procurement Director, and shall set forth the grounds of the protest and the relief requested with enough particularity to give notice of the issues to be decided, and must be received within the time provide.

SECTION 5 TERMS AND CONDITIONS

5.1 Acceptance and Deviations

Each Bidder must meet all of the specifications and bid terms and conditions. By virtue of the bid submission, the Bidder acknowledges agreement with and acceptance of all provisions of the specifications except as expressly qualified in the BID. Non-substantial deviations may be considered provided that the Bidder submits a full description and explanation of and justification for the proposed deviations in the Exceptions form provided in Section 6.3. Whether any proposed deviation is non-substantial will be determined by York County in its sole discretion.

5.2 General Requirements

All Bidders including the employees of the Bidder must comply with all applicable Federal, State, and County laws pertaining to contracts entered into by governmental agencies, including non-discrimination employment. Contracts entered into on the basis of submitted bid responses are revocable if contrary to law. Contracts for work resulting from this request will obligate the Bidder to not discriminate on the basis of race, color, creed, religion, handicap, or national origin in their employment practices.

5.3 Title VI of the Civil Rights Act of 1964

Bidders shall comply with Title VI of the Civil Rights Act of 1964. York County strongly encourages the use of and involvement of Disadvantaged Business Enterprises (DBE) on this project.

5.4 Conflict of Interest

The successful firm shall not knowingly employ, during the period of a contract, or any extensions to it, any professional personnel who are also in the employ of York County and who are providing services involving this request or services similar in nature to the scope of this request to the County. Furthermore, the firm shall not knowingly employ, during the period of a contract or any extensions to it, any York County employee who has participated in the making of a contract until at least two years after his/her termination of employment with York County.

5.5 Indemnification and Hold Harmless

The successful firm shall agree to protect, defend, indemnify, and forever hold harmless, the County, its agents, officers, and employees, from and against any and all claims, liabilities, damages, costs, actions, proceedings, of any nature whatsoever, however alleged or termed, or in any lawsuits, arising in any manner out of any action or failure to act, by the firm, its officers, agents, and employees, or relating to or arising out of the performance or failure to perform, by the firm, its officers, agents, and employees, any obligations arising under its agreement with the County, or any other type claim/lawsuit whatsoever, however alleged or termed, which may arise at any time as a result of or related to the provision of service(s) for the County by the successful firm, without regard to the source, nature, or validity of the claim/lawsuit. Losses, liabilities, expenses and claims for damages shall include, but not be limited to, civil and criminal fines and penalties, loss of use and/or services, claims for injury, damage, disability, property damage, or death, injury to real or personal property, and attorneys' fees, costs, and expenses incurred by the County or any of its agents, officers, and employees. The County shall not be precluded from receiving the benefits of any insurance the firm may carry which provides for indemnification for any loss or damage to property in the firm's custody and control, where such loss or destruction is to County property. The firm shall do nothing to prejudice the County's right to recover against third parties for any loss, destruction or damage to County property.

5.6 Drug-Free Workplace

During the performance of this request, 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.

5.7 Applicability/Jurisdiction of South Carolina Law and Courts

Upon award of a contract under this request the person, partnership, association or corporation to whom the award is made must comply with the laws of South Carolina which require such person or entity to be authorized and/or licensed to do business with

this State. Notwithstanding the fact that applicable statutes may exempt or exclude the successful firm from requirements that it be authorized and/or licensed to do business in this State, by submission of this signed bid, the firm agrees to subject itself to the jurisdiction and process of the courts of the State of South Carolina as to all matters and disputes arising or to arise under the contract and the performance thereof, including any questions as to the liability for taxes, licenses, or fees levied by the State.

5.8 Certificate of Insurance

Once selected, the successful firm may be required to provide proof of insurance to include workers compensation, employer's liability and general liability prior to commencing work.

5.9 Assignment

No contract or its provisions may be assigned, sublet, or transferred without the written consent of the County.

5.10 Ownership of Material

All bids and supporting materials (including all data, material, and documentation) originated and prepared for York County pursuant to this SOLICITATION and including correspondences relating to this SOLICITATION shall, belong exclusively to York County.

5.11 Prime Responsibilities

The successful firm will be required to assume sole responsibility for the complete effort as required by this solicitation. York County will consider the successful firm to be the sole point of contact with regard to contractual matters.

5.12 Subcontracting

If any part of the work covered by this solicitation is to be subcontracted, the successful firm shall identify the subcontracting organization and the contractual arrangements made therewith. All subcontractors must be approved by York County. The successful firm will also furnish the corporate or company name.

5.13 Records Retention and Right to Audit

The County shall have the right to audit books and records of the successful firm as they pertain to this contract. Such books and records shall be maintained for a period of three (3) years from the date of final payment under the contract. The County may conduct, or have conducted, performance audits of the successful firm. The County may conduct, or have conducted, audits of specific requirements of this solicitation as determined necessary by the County. Pertaining to all audits, successful firm shall make available to the County access to its computer files containing the history of contract performance and all other documents related to the audit. Additionally, any software used by the successful firm shall be made available for auditing purposes at no cost to the County.

5.14 Public Access to Procurement Information

Subject to the requirements of the Freedom of Information Act, commercial or financial information obtained in response to this SOLICITATION which is deemed privileged and confidential by the Bidder, will not be disclosed. Such privileged and confidential information should be clearly marked as such and includes information which if disclosed, might cause harm to the competitive position of the Bidder supplying the information. All Bidders, therefore, must visibly mark as "CONFIDENTIAL" each specific part of their bid which such Bidders consider to contain proprietary or other privileged information. Additionally, all Bidders shall be solely responsible for identifying as exempt from the Freedom of Information Act and for visibly marking as "EXEMPT FROM FREEDOM OF INFORMATION ACT" each specific part of their bid which Bidders deem to be so exempt and shall further be solely responsible for any consequences that might arise from the nondisclosure of any information that is subsequently determined not to have such an exemption. York County hereby disclaims any responsibility for not disclosing information identified by any Bidder as exempt from the Freedom of Information Act and further hereby disclaims any responsibility for any information which is disclosed as a result of Bidder's failure to visibly mark it as "CONFIDENTIAL" or to improperly mark it as "confidential". Bidder must identify specific parts of the bid package as confidential. Failure to do so or to mark the entire bid package as confidential may result in disclosure of that information.

5.15 Non-Collusion Bidding Certification and Disqualification

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

The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other proposer or with any competitor.

Unless otherwise required by law, the prices which have been quoted in this bid have not knowingly been disclosed by the Bidder and will not knowingly be disclosed prior to the bid opening, directly or indirectly, to any other Bidder or to any competitor.

No attempt has been or will be made by the Bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition

One Bid: Only one Bid from an individual firm, partnership, company, or corporation under the same or under different names will be considered. If OWNER believes that a Bidder submitted more than one Bid for the work involved, all Bids submitted by that Bidder will be rejected.

5.16 Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion

The Bidder certifies, by submission of this document or acceptance of a contract, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any State, Federal department, or agency. It further agrees by submitting this qualification statement (if applicable) that it will include this clause without modification in all lower tier transactions, solicitations, bids, contracts, and subcontracts. Where the Bidder or any lower tier participant is unable to certify to this statement, it must attach an explanation to this solicitation/bid.

5.17 Certification Regarding Immigration Reform and Control

The Bidder certifies, by submission of this document or acceptance of a contract, that all Contractors are expected to comply with the Immigration and Reform Control Act of 1986 (IRCA), as may be amended from time to time. This Act, with certain limitations, requires the verification of the employment status of all individuals who were hired on or after November 6, 1986, by the Contractor as well as any subcontractor or sub-subcontractor. The usual method of verification is through the Employment Verification (I-9) Form. With the submission of this bid, the Contractor hereby certifies without exception that Contractor has complied with all federal and state laws relating to immigration and reform. Any misrepresentation in this regard or any employment of persons not authorized to work in the United States constitutes a material breach and, at the State's option, may subject the contract to termination and any applicable damages. The Contractor certifies that, should it be awarded a contract by the County, the Contractor will comply with all applicable federal and state laws, standards, orders and regulations affecting a person's participation and eligibility in any program or activity undertaken by the Contractor pursuant to this contract. The Contractor further certifies that it will remain in compliance throughout the term of the contract. At the County's request, the Contractor is expected

to produce to the County any documentation or other such evidence to verify the Contractor's compliance with any provision, duty, certification, or the like under the contract. The Contractor agrees to include this Certification in contracts between itself and any subcontractors in connection with the services performed under this contract.

5.18 Chain of Communication

To ensure the integrity of the competitive process, a strict chain of communication shall apply to each Invitation for Bids, Request for Proposals, Request for Qualifications, or any other competitive solicitation during the period between publication of the solicitation and final award. Bidders or its agents may not communicate by any means, directly or indirectly, with York County public officials, employees, its agents, or representatives or any person not otherwise listed on this document, regarding any aspect of this procurement activity. All communications must be solely with the Procurement Officer. In the sole determination of the Procurement Officer and/or York County, violation of these restrictions may result in disqualification of your offer, suspension or debarment, and may constitute a violation of law.

5.19 Prohibition of Donations and Gratuities

Bidders are restricted from making donations to any York County governmental entity with whom they have or seek to have a contract. The Bidder represents that his/her offer discloses any gifts made, directly or through an intermediary, by the Bidder or the Bidder's named subcontractors or subconsultants to or for the benefit of York County, its agents, or representatives during the period beginning eighteen months prior to the Opening Date. No Bidder, or any person, firm, or corporation employed by the Bidder in the performance of this request, may offer or give any gift, money or anything of value or any promise for future reward or compensation to any York County employee.

5.20 Payment and Shipping Terms

All shipments are to be F.O.B. destination, freight prepaid unless otherwise stated. South Carolina Sales Tax is applicable on goods purchased in South Carolina and on goods shipped to York County from any other State by vendors possessing a South Carolina Sales Tax number. This purchase is considered a single contract. TERMS: NET 30 DAYS

BID FORM

A. Price

York County is not exempt from paying SC sales tax. Bidders outside of SC should provide sales tax pricing in their Bid. If a firm located outside of SC is the successful Bidder then York County will pay the sales tax directly to the State of South Carolina.

Quantity	Commodities or Services	Unit	Unit Price	Total
144,000	Unit Cost for 1 gallon and Total Cost for 144,000 gallons Ammonium Calcium Nitrate Solution	Gallon		

B. Acknowledgement of Addenda

Ridder	herehy	acknowledges	receipt of all	Addenda throu	ah and including
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Addendum No_	, dated_	
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Addendum No_	, dated_	

C. Exceptions

E. Questionnaire

Pounds of Nitrate-Oxygen per Gallon

F. Signature Page - OFFERORS MUST COMPLETE AND SIGN THE FORM BELOW The submittal must be signed by an authorized representative of the Offeror accepting all terms and conditions contained in this document and any addenda. Modifying the terms and conditions of this solicitation may result in your response being rejected.

COMPANY NAME	COMPANY TELEPHONE NUMBER
COMPANY ADDRESS	COMPANY FAX# (IF APPLICABLE)
CITY, STATE, ZIP+4	EMAIL ADDRESS
AUTHORIZED SIGNATURE	FEDERAL ID#
PRINT NAME	DATE
Minority Status	
Not Minority Owned	
African American Male	
Caucasian Female African American Female	
Aleut	
Eskimo	
East Indian	
Native American	
Asian Other (Please Explain)	
Uiner (Piease Explain)	