

**HARNETT COUNTY
FINANCE/PURCHASING**

REQUEST FOR BIDS

**WATER AND WASTEWATER TREATMENT CHEMICALS
FOR
HARNETT REGIONAL WATER**

**FIRM BIDS FOR SUPPLIES AND DELIVERY
FOR THE PERIOD OF JULY 1, 2025 THROUGH JUNE 30, 2026**

DUE DATE: NO LATER THAN 2:00 PM May 7, 2025

OPENING DATE: May 7, 2025

TIME: 2:30 PM

**LOCATION: HARNETT REGIONAL WATER BUSINESS CENTER
700 McKINNEY PARKWAY
LILLINGTON, NC 27546
CONFERENCE ROOM 101**

Send question via email:

purchasing.support@harnett.org

Include Chemical Bid Question in the subject line

FAXES OR E-MAILS ARE NOT ACCEPTED FOR THIS QUOTE

THE COUNTY OF HARNETT RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS RECEIVED, OR TO SELECT THE BID WHICH IN OUR OPINION, IS IN THE BEST OVERALL INTEREST OF THE COUNTY.

MAIL VIA UPS OR FEDEX COURIER SERVICE OR DELIVER BIDS IN A SEALED ENVELOPE IDENTIFIED “QUOTE ENCLOSED –HRW 05072025”, YOUR FIRM NAME AND THE OPENING DATE ON THE OUTSIDE OF THE ENVELOPE. PLEASE NOTE THAT PAGE (#36) “EXECUTION OF PROPOSAL PAGE” AND E-VERIFY AFFIDAVIT ON PAGE (#37) WITH THE NOTARIAL SEAL ON PAGE (#38) MUST BE INCLUDED IN YOUR QUOTE PROPOSAL.

**TO: Harnett County Finance
Attn: Renea Warren-Ford
Purchasing Agent
455 McKinney Parkway
Lillington, N.C. 27546**

Harnett Regional Water

Request for Bids

Water and Wastewater Treatment Chemicals

Harnett County (the “County”) is soliciting firm BIDS for the purchase and delivery of water and wastewater chemicals for the period from July 1, 2025 through June 30, 2026. Purchases will be in full tanker truckloads (TTL), Less than Truckload (LTL), totes, pallet loads or as noted below. All pricing is for chemicals delivered. No fuel surcharges will be considered unless spot diesel fuel prices for over the road vehicles rise above \$6.00 per gallon for 60 consecutive days.

GENERAL SPECIFICATIONS & INSTRUCTIONS TO BIDDERS

Scope

It is the intent of this request for bids to obtain proposals for supplying the materials, supplies and/or equipment listed in the Bid Proposal Sheets, attached hereto and hereby incorporated herein.

Compliance with Specifications

Supplier’s quote must be in strict compliance with the specifications and offer the same or equal materials. Harnett Regional Water (HRW) reserves the right to allow or disallow minor deviations from the specifications in order to purchase what best meets the needs of the County from a standpoint of quality, price and service to be rendered.

Warranty

In submitting a quote, the bidder warrants that all goods furnished shall be free from all defects and shall conform in all respects to the technical specifications established herein. The bidder expressly warrants that all items bid are fit and sufficient for their intended purpose.

Shipping

All prices are to be quoted F.O.B. delivered, unless otherwise specified. Risk of loss and/or damage shall be upon the seller until such time as the goods have been physically delivered and accepted by the County. LTL deliveries shall be made by the supplier submitting the quote. No subcontracting of these deliveries is allowed.

Unit Prices to Prevail

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

Bid Price Corrections

No corrections will be permitted after bid opening.

Use of Brand Names And References

Unless otherwise stated, the use of manufacturer's names and product numbers are for descriptive purposes and establishing general quality levels only.

Rejection of Bids

The County reserves the right to reject any and all bids.

Award

Award shall be made to the lowest responsive responsible bidder (also referred to as "Supplier") for each item taking into consideration quality, performance and time specified in the proposal for the performance of the contract. Time of delivery and prompt payment discounts will be considered in breaking tie bids. **Harnett County reserves the right to award individual bids for each chemical requested or to combine any and all bids dependent upon meeting the best interests of the County.** Bidders may provide pricing for one or more items and are not required to submit pricing or forms for those items not bid.

Taxes

Harnett County is exempt from and will not pay federal taxes. An exemption certificate will be furnished upon request. North Carolina and local sales tax shall be shown as a separate item. The North Carolina Sales & Use Tax Technical Bulletin, dated December 1, 2008, Section 59-15 states that "Chemicals which are introduced in the water during the purification processes are exempt from tax" and Section 59-19 states that sewage treatment plants are not manufacturers under the Sales and Use Tax Law, and the purchases of chemicals are subject to the general rate of State tax and any applicable local sales or use tax." Sales tax will not be a consideration in the award.

Payment

Upon complete delivery and receipt of a correct invoice, payment will be made by County Net 30.

Terms and Conditions

Terms and Conditions included herein are an integral part of the bid document and shall prevail unless changes or attachments are agreed to and initialed by Harnett County prior to the bid opening. Terms and Conditions attached to the bid by the bidder and made a condition of purchase may render the bid non-responsive and may be rejected by Harnett County.

- A. Contract Term/Conditions:** This is a contract for one (1) year beginning July 1, 2025 and ending June 30, 2026. Although the contract is for one (1) year, said contract may be terminated at any time if funds are not appropriated and made available by the Harnett County Board of Commissioners. Bidder warrants that bid prices, terms, and conditions quoted in his/her bid will be firm for acceptance for a period of one (1) year.

- B. Contract Extension:** Harnett County reserves the right to renew this contract after the initial contract term expires for two additional fiscal years subject to the same terms and conditions upon agreement of both parties, provided that funds have been appropriated by the governing board and performance under this contract has been satisfactory. Price increase shall be considered at contract renewal time and may be cause for non-renewal.

Default

Failure to satisfactorily perform the services required by the contract for the project will be grounds for County to declare the successful bidder in default. Unless otherwise provided herein, the contract may be canceled or annulled with a 30 day notice by County in whole or in part by written notice of default to the bidder upon nonperformance or violation of contract terms. An award may be made to another bidder for services specified, or they may be purchased on the open market and the defaulting supplier shall be liable to County for costs to the County in excess of the defaulted contract prices. The bidder shall continue the performance of this contract to the extent that any part is not terminated under the provisions of this clause.

Training/Safety

When requested or required, a factory-trained representative shall be made available to train County personnel in the use of and/or safety aspects of the equipment or chemical. The successful bidder shall provide a Safety Data Sheet (SDS) for each product prior to the first delivery and provide updated SDS as they occur. The supplier/transporter shall be responsible for adhering to all federal, state and local safety rules and regulations. All supplier/transporter employees shall adhere to all safety practices and use of approved PPE during offloading chemicals. The supplier/transporter shall be responsible for any and all chemical spills during offloading of chemicals (containment, cleanup and abatement) in accordance with the facility's written SPCC plan.

Contractor's Representative for Business Purposes

The name, mailing address, electronic mail address, facsimile number, and telephone number of the supplier's authorized agent with authority to bind the firm and answer official questions concerning the supplier's proposal must be clearly stated.

Leaking Containers During Shipment

All containers delivered will be inspected for leakage upon arrival and prior to unloading. Leaking containers will not be unloaded and accepted by the County. Response and remediation for any containers determined to be leaking shall remain the responsibility of the transporter.

Tie Bids

In the event of identical bids, the County will base its award recommendation on the following basis: (1) prior service records; and (2) type equipment utilized to service the County.

Indemnity and Insurance

Bidder will indemnify and hold harmless the County, its officers, agents, and employees from and against all loss, cost, damages, expense and liability caused by accident or other occurrence resulting in bodily injury, including death and disease to any person, or damage or destruction to property, real or personal, arising directly or indirectly from operations, products, or services rendered or purchased under the contract. Bidder, at its sole expense, will purchase and maintain the insurance listed below as A, B, & C.

- A. Automobile – Automobile bodily injury and property damage liability insurance in an aggregate amount of at least \$1,000,000.00.
- B. Commercial General Liability-Bodily injury and property damage liability as will protect bidder from claims of bodily injury or property damages which arise from operations of this contract. The amounts of such insurance coverage shall not be less than \$2,000,000.00 per occurrence and \$5,000,000.00 aggregate coverage. This insurance shall include coverage for products/completed operations, personal injury liability and contractual liability.
- C. Workers' Compensation and employers' liability meeting the statutory requirements of the State of North Carolina.

The successful bidder shall provide the County with a certificate of such insurance which shall name County as an additional insured and contain the provision that the County will be given thirty (30) days written notice of any intent to amend or terminate by either the insured or the insuring company. However, a ten (10) day notice is sufficient for cancellation due to non-payment of premium.

Equal Opportunity Employer

Harnett County is an equal employment opportunity employer. The County is a federal contractor, and therefore the provisions and affirmative action obligations of 41 CFR § 60-1.4(a), 41 CFR 60-741.5(a), and 41 CFR 60-250.4 are incorporated herein by reference, where applicable.

Other

1. A Certified copy of chemical analysis shall accompany bid and each delivery.
2. Delivery shall be made F.O.B. Harnett Regional Water' plants as directed at time order is placed.
3. Prices shall include loading, unloading, pumping, pallet and all charges related to delivery.
4. Unit prices calculated other than as requested on the bid proposal sheet will not be considered unless it is easy to convert to requested bid units.

Award of Contract

No agreements with any selected bidder shall be binding until a contract is signed and executed by Harnett County and the successful bidder. All items in this RFP must be included in the proposed contract. Harnett County reserves the right to enter into a contract with another bidder in the event that the originally selected bidder fails to execute a contract with the County or defaults on its contract.

Questions

Please send all questions concerning the specifications, the RFP, points of delivery, etc. for Water Treatment Chemicals via email to purchasing.support@harnett.org and include **Chemical Bid Question** in the subject line.

BID PROPOSAL

Item 1. 23% FLUOROSILICIC ACID

Estimated Quantity 45,000 Dry lbs. Quote TTL Price per lb. dry weight \$ _____

The cost of this chemical varies due to strength. Provide the formula used for calculating the delivered cost from the unit price using the wet weight delivered and chemical analysis. **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 45,000 pounds, liquid (TTL) of 23% Fluorosilicic Acid to be made to the water plant from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 2. 8.3% LIQUID ALUMINUM SULFATE

Estimated Quantity 1900 Dry Tons Quote TTL Price per dry ton \$ _____

The cost of this chemical varies due to strength. Provide the formula used for calculating the delivered cost from the unit price using the wet weight delivered and chemical analysis. **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of multiple weekly loads of approximately 45,000 pounds (TTL) of 8.3% Liquid Aluminum Sulfate to be made to the Water plant and occasional single loads to the Wastewater plant from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 3. SODIUM CHLORITE (25%)

Estimated Quantity 440,000 lbs Quote TTL Price per wet lb. \$ _____

The cost of this chemical varies due to strength. Provide the formula used for calculating the delivered cost from the unit price using the wet weight delivered and chemical analysis. **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 45,000 pounds (TTL) of sodium chlorite to be made from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 4. CAUSTIC SODA (SODIUM HYDROXIDE, 50%)

Estimated Quantity 2000 gallons Quote LTL Price per gallon \$ _____

The cost of this chemical varies due to strength. Provide the formula used for calculating the delivered cost from the unit price using Cost per gallon (LTL). **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 2000 gallons LTL 50% to be made to the wastewater plants once or twice a year as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 5. SULFURIC ACID 93%

Estimated Quantity 400,000 wet lbs. Quote TTL Price per wet lb. \$ _____

The cost of this chemical varies due to strength. Provide the formula used for calculating the delivered cost from the unit price using the wet weight delivered and chemical analysis. **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 48,000 pounds (TTL) of 93% Liquid Sulfuric Acid to be made from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 6. AQUEOUS AMMONIA, 19%

Estimated Quantity 65,000 dry lbs. NH3 Quote TTL Price per dry lb. \$ _____

The cost of this chemical varies due to strength. Provide the formula used for calculating the delivered cost from the unit price using the wet weight delivered and chemical analysis. **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 45,000 lbs (19.0 to 19.5%) to the water plant from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 7. COPPER SULFATE

Estimated Quantity 4,000 lbs. Quote Price per lb. \$ _____

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 2,000 pounds (in 50 lb. bags or pails) of copper sulfate to be made from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 8. POWDERED ACTIVATED CARBON

Estimated Quantity 120,000 lbs. Quote TTL Price per lb. \$ _____

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 33,000 to 40,000 pounds (TTL) of powdered activated carbon to be made from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 9. AQUA MAG

Estimated Quantity 225,000 lbs. Quote TTL Price per lb. wet weight. \$ _____

Manufacturer: Carus Brand: Aqua Mag

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 45,000 pounds (TTL) to the water plant from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.
3. No substitutes.

Item 10. CALCIUM NITRATE TETRAHYDRATE

Estimated Quantity 140,000 gals Quote LTL Price per gallon wet weight. \$ _____

Does the cost of this chemical vary due to strength? Yes _____ No _____

If so, please provide the formula for calculating the cost _____

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 3,000 gallons split between multiple **remote** sites for odor control each month, or one or more totes to be made from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 11. LIME SLURRY 35%

Estimated Quantity 2,000,000 lbs. Quote TTL Price per lb wet weight. \$ _____

Estimated Quantity 550,000 gals. Quote Partial Deliveries Price per lb wet weight. \$ _____

Does the cost of this chemical vary due to strength? Yes _____ No _____

If so, please provide the formula for calculating the cost. **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 45,000 pounds (TTL) of Lime Slurry to the Water Plant, North Harnett Regional WWTP and Sewer Lift Station #74 and partial load deliveries to Sewer Lift Station #70 from time to time for WTP and weekly for WWTP for Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.
3. **This bid contains an equipment supply and service specification.**

Item 12. CAPTOR 30% (Calcium Thiosulfate Solution)

Estimated Quantity 5,250 gals LTL Price per gallon \$ _____

If the cost of this chemical varies due to strength. Provide the formula used for calculating the delivered cost from the unit price using the wet weight delivered and chemical analysis. **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 330 to 400 gallons (LTL) or one or more totes of Captor to be made to the Harnett County Water Plant from time to time as required by Harnett Regional Water.
2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Item 13. HYDROCHLORIC ACID 15%

Estimated Quantity 380,000 lbs. Quote TTL Price per wet lb. \$ _____

Quote LTL Price per wet lb. \$ _____

If the cost of this chemical varies due to strength. Provide the formula used for calculating the delivered cost from the unit price using the wet weight delivered and chemical analysis. **Failure to include the formula may be grounds for dismissal of bid.**

Manufacturer _____ Brand _____

Notes: In addition to the detailed specifications, the following requirements pertain:

1. Delivery of approximately 40,000 pounds (TTL) or at least 2000 gallons (LTL) of 15% Hydrochloric Acid to be made from time to time as required by Harnett Regional Water.

2. Delivery shall be made within 72 hours of request between the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.

Product Specifications

ITEM NO. 1 HYDROFLUOROSILICIC ACID

1.1 Scope

Hydrofluorosilicic acid (H_2SiF_6) supplied under the contract shall conform to all provisions of the current ANSI/AWWA B703 Standard.

This specification covers hydrofluorosilicic acid (HFS) for water supply service applications. The estimated annual usage is 45,000 dry pounds. The bid price on this product will be on a dry weight basis for 23% HFS.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for hydrofluorosilicic acid, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

The fluorosilicic acid supplied under these specifications shall be clean and free of visible suspended matter. The fluorosilicic acid supplied under this specification shall be water white to straw yellow. Straw yellow shall be determined as material with a maximum of 100 units in accordance with Standard Methods 2120B, Visual Comparison Method.

1.4 Chemical Requirements

The fluorosilicic acid shall contain between 21 and 26 percent fluorosilicic acid by weight.

1.5 Impurities

1.5.1 General. Fluorosilicic acid that meets the requirements of this specification shall contain no mineral or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been properly treated with fluorosilicic acid.

1.5.2 Specific Impurity Limits. The fluorosilicic acid supplied under this specification shall contain a maximum of 1 percent free acids (other than fluorosilicic acid), expressed as HF (hydrofluoric acid). Prefer a low arsenic product of less than 5 parts per million.

1.6 Sampling and Analysis

1.6.1 Sampling. Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the fluorosilicic acid delivered does not meet the requirements of ANSI/AWWA B703 standard, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 **Material Originating Outside of North America.** No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with ANSI/AWWA B703 Standard.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the fluorosilicic acid furnished under these specifications complies with all applicable requirements of ANSI/AWWA B703 Standard. (2) A certified analysis of the fluorosilicic acid and a certified weight certificate shall be furnished by the supplier with each shipment. The analysis shall include product content.

1.8.1 **Product Certifications.** Fluorosilicic acid is a direct additive used in the treatment of potable water. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 **Hazmat Response Team.** Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 **Spill Response.** Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all fluorosilicic acid solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 2 LIQUID ALUMINUM SULFATE

1.1 Scope

Liquid Aluminum Sulfate supplied under the contract shall conform to all provisions of the current ANSI/AWWA B403 Standard.

This specification covers purified aluminum sulfate in liquid form for use in water treatment. The estimated annual usage is 1900 dry tons. Pricing is requested for full truckloads (TTL) on a dry ton weight basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for aluminum sulfate, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Liquid alum shall be of such clarity as to permit the reading of flow-measuring devices without difficulty.

1.4 Chemical Requirements

Liquid alum shall contain water-soluble aluminum of not less than 4.23 percent as AL or 8.0 percent as Al_2O_3 . The water-soluble matter shall not exceed 0.2 percent in liquid alum.

1.5 Impurities

1.5.1 **General.** Aluminum sulfate that meets the requirements of this standard shall contain no soluble material or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been treated properly with the aluminum sulfate.

1.5.2 **Specific Impurity Limits.** The total water-soluble iron (expressed as Fe_2O_3) content of aluminum sulfate shall be no more than 0.75 percent, on a basis of 17 percent Al_2O_3 (9 percent as Al), in dry aluminum sulfate; or 0.35 percent, on a basis of 8.0 percent Al_2O_3 (4.23 percent as Al), in liquid aluminum sulfate.

1.6 Sampling and Analysis

1.6 Sampling and Analysis

1.6.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. **Analysis.** No independent analysis of the provided samples will be performed by an

outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 Notice of Nonconformance. If the aluminum sulfate delivered does not meet the requirements of ANSI/AWWA B403 standard, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 Material Originating Outside of North America. No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with ANSI/AWWA B403 Standard.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the aluminum sulfate furnished under these specifications complies with all applicable requirements of ANSI/AWWA B403 Standard. (2) A certified analysis of the aluminum sulfate and a certified weight certificate shall be furnished by the supplier with each shipment. The analysis shall include product content.

1.8.1 Product Certifications. Aluminum sulfate is a direct additive used in the treatment of potable water. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 Hazmat Response Team. Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 Spill Response. Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of liquid aluminum sulfate shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 3 SODIUM CHLORITE

1.1 Scope

Sodium chlorite supplied under this specification shall conform to all provisions of the current AWWA B-303 Standard.

This specification covers sodium chlorite for use in the generation of chlorine dioxide for use in water treatment. The estimated annual usage is 440,000 pounds. Pricing is requested for full truck loads (TTL) on a price per wet pound basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for sodium chlorite, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Sodium chlorite solution shall be clear, or a light-tan to straw brown color. Sodium chlorite shall have a clarity that permits the reading of flow-measuring devices.

1.4 Chemical Requirements

Sodium chlorite delivered under this contract shall have a minimum of 77.5 percent by weight NaClO₂ (25%).

1.5 Impurities

1.5.1 General. The sodium chlorite supplied according to this specification shall contain no soluble material or organic substances in quantities capable of producing deleterious effects on the health of those consuming water that has been treated properly with the sodium chlorite.

1.5.2 Specific Impurity Limits. Sodium chlorite based on 80 percent sodium chlorite content shall contain no more than the following percentages of specific impurities by weight:

- Sodium Chloride, 17%
- Sodium Hydroxide, 3 %
- Arsenic, 0.0003%
- Sodium Carbonate, 2%
- Sodium Sulfate, 3%
- Sodium Nitrate, 0.1%
- Sodium Chlorate, 4 %

1.6 Sampling and Analysis

1.6.1 Sampling. Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 Tank Samples. The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. Analysis. No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the sodium chlorite delivered does not meet the requirements of the current ANSI/AWWA B303 standard, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 **Material Originating Outside of North America.** No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with the current ANSI/AWWA B303 Standard.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the sodium chlorite furnished under these specifications complies with all applicable requirements of the current ANSI/AWWA B303 Standard. (2) A certified analysis of the sodium chlorite and a certified weight certificate shall be furnished by the supplier with each shipment. The analysis shall include product content.

1.8.1 **Product Certifications.** Sodium chlorite is a direct additive used in the treatment of potable water. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 **Hazmat Response Team.** Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 **Spill Response.** Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all sodium chlorite solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 4

SODIUM HYDROXIDE (50%)

1.1 Scope

Sodium hydroxide supplied for water plant use under this specification shall conform to all provisions of the current AWWA B-501 Standard.

This specification covers sodium hydroxide for use in wastewater treatment. The estimated annual usage is 2000 gallons of 50% sodium hydroxide for the wastewater plants for less than truckloads (LTL). Sodium Hydroxide for the wastewater plants can be diaphragm grade. Pricing will be per gallon basis (LTL) for the wastewater plants. Wastewater deliveries will be by offloading the number of totes required.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for sodium hydroxide, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Liquid sodium hydroxide is a solution of anhydrous sodium hydroxide and water.

1.4 Chemical Requirements

Sodium hydroxide delivered under this contract for the wastewater plants will be 50 percent as required by the County.

1.5 Impurities

1.5.1 General. The sodium hydroxide supplied according to this specification shall contain no soluble material or organic substances in quantities capable of producing deleterious effects on the health of those consuming water that has been treated properly with the sodium hydroxide.

1.5.2 Specific Impurity Limits. Sodium hydroxide supplied to the water plant shall contain no more than the following percentages of specific impurities:

- Mercury 0.5 ppm
- Arsenic 1.5 ppm
- Lead 5 ppm
- Heavy Metals(as lead) 15 ppm
- Iron, 0.0008% dry weight basis
- Sodium Chloride, 2.2% dry weight basis

1.6 Sampling and Analysis

1.6.1 Sampling. Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 Tank Samples. The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3 Analysis. No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 Notice of Nonconformance. If the sodium hydroxide delivered does not meet the requirements of the current ANSI/AWWA B501 standard, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 Material Originating Outside of North America. No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with the current ANSI/AWWA B501 Standard.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the sodium hydroxide furnished under these specifications complies with all applicable requirements of the current ANSI/AWWA B501 Standard. (2) A certified analysis of the sodium hydroxide and a certified weight certificate shall be furnished by the supplier with each shipment. The analysis shall include product content.

1.8.1 Product Certifications. Sodium hydroxide is a direct additive used in the treatment of potable water. The material for the water plant should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 Hazmat Response Team. Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 Spill Response. Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all sodium hydroxide solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 5 SULFURIC ACID

1.1 Scope

Sulfuric acid supplied for the water plant use under this specification shall conform to all provisions of applicable AWWA Standards.

This specification covers sulfuric acid (93%) for use in water treatment. The estimated annual usage is 400,000 pounds. Pricing is requested for full tanker truckloads (TTL) on a price per wet pound basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for sulfuric acid (93%), including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Sulfuric acid is a strong acidic, colorless, corrosive, oily liquid.

1.4 Chemical Requirements

Sulfuric acid delivered under this contract for the water plant shall be a minimum of 93% and a maximum of 94.5% sulfuric acid and have a minimum specific gravity of 1.83

1.5 Impurities

1.5.1 **General.** The sulfuric acid supplied according to this specification shall contain no soluble material or organic substances in quantities capable of producing deleterious effects on the health of those consuming water that has been treated properly with the sodium hydroxide.

1.5.2 **Specific Impurity Limits.** Sulfuric acid supplied to the water plant shall contain no more than the following percentages of specific impurities:

- Iron \leq 50 ppm by wt.
- SO₂ \leq 50 ppm by wt.

1.6 Sampling and Analysis

1.6.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the sulfuric acid delivered does not meet the requirements of the applicable ANSI/AWWA standard or these specifications, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 **Material Originating Outside of North America.** No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with the applicable ANSI/AWWA Standard and these specifications.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the sulfuric acid furnished under these specifications complies with all the applicable requirements of ANSI/AWWA Standards and these specifications. (2) A certified analysis of the sulfuric acid and a certified weight certificate shall be furnished by the supplier with TTL shipment. The analysis shall include product content.

1.8.1 **Product Certifications.** Sulfuric acid is a direct additive used in the treatment of potable water. The material for the water plant should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 **Hazmat Response Team.** Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 **Spill Response.** Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all sulfuric acid solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 6 AQUEOUS AMMONIA

1.1 Scope

Aqueous ammonia (ammonium hydroxide) supplied for the water plant use under this specification shall conform to all provisions of applicable AWWA Standards and ANSI/CGA G-2.1.

This specification covers aqueous ammonia for use in water treatment. The estimated annual usage is 65,000 dry pounds. Pricing is requested for full truckloads (TTL) of 19% on a per dry pound NH₃ basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for aqueous ammonia, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Aqueous ammonia solutions are clear and colorless, but very pungent. It is a strong alkali.

1.4 Chemical Requirements

Aqueous ammonia solutions delivered under this contract for the water plant shall be ≥ 99 percent pure and contain approximately 19 to 19.5 percent anhydrous hydroxide.

1.5 Impurities

1.5.1 **General.** The aqueous ammonia solutions supplied according to this specification shall contain no soluble material or organic substances in quantities capable of producing deleterious effects on the health of those consuming water that has been treated properly with the aqueous ammonia solutions.

1.6 Sampling and Analysis

1.6.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the aqueous ammonia solutions delivered does not meet the requirements of these specifications, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all

nonconforming product.

1.7.2 Material Originating Outside of North America. No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with these specifications.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the aqueous ammonia solutions furnished under these specifications complies with all applicable requirements of ANSI/AWWA Standards and these specifications. (2) A certified analysis of the aqueous ammonia solutions and a certified weight certificate shall be furnished by the supplier with each shipment. The analysis shall include product content.

1.8.1 Product Certifications. Aqueous ammonia solutions are a direct additive used in the treatment of potable water. The material for the water plant should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 Hazmat Response Team. Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 Spill Response. Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all aqueous ammonia solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 7 COPPER SULFATE

1.1 Scope

Copper Sulfate supplied under the contract shall conform to current provisions of ANSI/AWWA B602 Standard.

This specification covers copper sulfate for use in the treatment of water supplies. The estimated annual usage is 4,000 lbs. Purchase is by pallet lots containing 40 bags or pails of copper sulfate weighing 50 lbs. each.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for copper sulfate, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Common Industrial grades preferred are Fine-20 or Fine-30. The copper sulfate supplied under these specifications shall be clean and free of visible suspended matter.

1.4 Chemical Requirements

The copper sulfate supplied under this specification means the blue triclinic cupric sulfate pentahydrate crystal form with the formula $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ and shall not contain less than 25 percent metallic-copper equivalent. It is a commercial grade product containing at least 99 percent $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$.

1.5 Impurities

1.5.1 General. Copper sulfate that meets the requirements of this specification shall contain no substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been properly treated with copper sulfate.

1.5.2 Specific Impurity Limits. The copper sulfate supplied shall contain no more than 0.5 percent water insoluble matter.

1.6 Sampling and Analysis

1.6.1 Sampling . A sample will be taken of each container when opened by a County employee and placed in a labeled container.

1.7 Rejection

1.7.1 Notice of Nonconformance. If the copper sulfate delivered does not meet the requirements of ANSI/AWWA B602 standard, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 Material Originating Outside of North America. No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall

inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with ANSI/AWWA B602 Standard.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the copper sulfate furnished under these specifications complies with all applicable requirements of ANSI/AWWA B602 Standard. (2) A certified analysis of the copper sulfate and a certified weight certificate shall be furnished by the supplier with each shipment. The analysis shall include product content.

1.8.1 Product Certifications. Copper sulfate is a direct additive used in the treatment of potable water. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute. Copper Sulfate is required to be registered with USEPA under FIFRA.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 Hazmat Response Team. Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 Spill Response. Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of copper sulfate shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations). Because copper sulfate is generally used by water utilities to control algae growth, it is a pesticide as defined by current federal regulations. Each package must bear a label reviewed and accepted by USEPA. This label must list, among other items, the brand name (if any), the manufacturer or supplier, the active ingredient and content, the net weight of the contents, and it must bear a USEPA registration number as well as the USEPA establishment number indicating where the product was manufactured or last repackaged. Failure to provide this label is subject to punishment under federal law. Packages shall also bear markings required by the Department of Transportation (DOT). The price per pound of Copper Sulfate will include the cost of materials to ship product to its destination such as pallets.

ITEM NO. 8 POWDERED ACTIVATED CARBON

1.1 Scope

Powdered Activated Carbon (PAC) supplied under the contract shall conform to the current provisions of ANSI/AWWA B600 Standards.

This specification covers powdered activated carbon for use in water treatment. The estimated annual usage is 120,000 pounds. Pricing is requested for full truck loads (TTL) on a per pound basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for powdered activated carbon, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

The powdered activated carbon supplied under this specification shall have an apparent density of not less than 0.2 g/cc nor greater than 0.75 g/cc, and a particle-size distribution of:

Not less than 99 percent of the activated carbon shall pass a No. 100 sieve, not less than 95 percent shall pass a No. 200 sieve, and not less than 90 percent shall pass a No. 325 sieve.

1.4 Chemical Requirements

Powdered activated carbon (PAC) under this specification shall have a moisture content of not more than 8 percent. The iodine number of the PAC shall not be less than 900 mg/g.

1.5 Impurities

1.5.1 **General.** Powdered activated carbon that meets the requirements of this standard shall contain no soluble material or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been treated properly with the powdered activated carbon.

1.6 Sampling and Analysis

1.6.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3 **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the powdered activated carbon delivered does not meet the requirements of the current ANSI/AWWA B600 standard, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 Material Originating Outside of North America. No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with the current ANSI/AWWA B600 Standard.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the powdered activated carbon furnished under these specifications complies with all applicable requirements of the current ANSI/AWWA B600 Standard. (2) A certified analysis of the powdered activated carbon and a certified weight certificate shall be furnished by the supplier with each shipment. The analysis shall include product content.

1.8.1 Product Certifications. Powdered activated carbon is a direct additive used in the treatment of potable water. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 Hazmat Response Team. Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 Spill Response. Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of the Powder Activated Carbon shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 9 AQUAMAG

1.1 Scope

Aqua Mag corrosion inhibitor supplied under this specification shall conform to all provisions of applicable AWWA Standards.

This specification covers Aqua Mag for use in water treatment. The estimated annual usage is 225,000 pounds. Pricing is requested on full tanker truckloads (TTL) on a price per wet pound basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for Aqua Mag, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Aqua Mag is a clear liquid with a specific gravity of 1.37 ± 0.03 and pH of 6.0 ± 0.5

1.4 Chemical Requirements

Aqua Mag is a blend of orthophosphate 8.2 to 10.7% and polyphosphate 31.5 to 36.5%.

1.5 Impurities

1.5.1 **General.** The Aqua Mag supplied according to this specification shall contain no soluble material or organic substances in quantities capable of producing deleterious effects on the health of those consuming water that has been treated properly with the corrosion inhibitor.

1.6 Sampling and Analysis

1.6.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the Aqua Mag delivered does not meet the requirements of ANSI/AWWA Standards and these specifications, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 **Material Originating Outside of North America.** No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with ANSI/AWWA Standards and these specifications.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the Aqua Mag furnished under these specifications complies with all applicable requirements of ANSI/AWWA Standards and these specifications. (2) A certified analysis of the Aqua Mag and a certified weight certificate shall be furnished by the supplier with each shipment. The analysis shall include product content.

1.8.1 **Product Certifications.** Aqua Mag is a direct additive used in the treatment of potable water. This material should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 **Hazmat Response Team.** Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 **Spill Response.** Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all Aqua Mag solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 10
Calcium Nitrate Tetrahydrate

1.1 Scope

This specification covers Calcium Nitrate Tetrahydrate (CNT) and derivatives used for odor control in the wastewater collection system. The estimated annual usage is 140,000 gallons and will be delivered in less than truck loads (LTL) or in totes. Pricing will be on a per gallon basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for CNT, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

CNT may be clear to hazy liquid with a specific gravity of 1.25 - 1.38, a pH of 6.5-7.5 and a freezing point of <0° F.

1.4 Chemical Requirements

Product shall be 25-50 percent by weight depending on derivatives.

1.5 Impurities

1.5.1 **General.** Products supplied according to this specification shall contain no soluble material or organic substances in quantities capable of producing deleterious effects to the wastewater treatment system, the wastewater collection system or the receiving waters or violating water quality standards when used properly.

1.6 Sampling and Analysis

1.6.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the CNT delivered does not meet the requirements of ANSI/AWWA Standards and these specifications, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 Material Originating Outside of North America. No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with ANSI/AWWA Standards and these specifications.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the Calcium Nitrate Tetrahydrate furnished under these specifications complies with all applicable requirements of ANSI/AWWA Standards and these specifications. (2) A certified analysis of the Calcium Nitrate Tetrahydrate furnished by the supplier with each shipment. The analysis shall include product content.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 Hazmat Response Team. Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 Spill Response. Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative. Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all CNT solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

Harnett County currently has 13 application points and 13 receiving manholes. System maps and data are available by contacting the HRW Pretreatment Coordinator at 910-892-2424 ext. 5481

ITEM NO. 11 LIME SLURRY

1.1 Scope

Lime Slurry (35% Calcium Hydroxide Slurry) supplied under the contract shall conform to all provisions of any applicable ANSI/AWWA Standards or the latest revision and shall be registered with NSF for Drinking Water use. This specification covers lime slurry – 35% Calcium Hydroxide Slurry - in liquid form for use in water and wastewater treatment. The estimated annual usage is 2,000,000 pounds (TTL) for water plant and 550,000 gallons for wastewater plants. Pricing is requested for full truck loads (TTL) and split delivery full truck loads on a wet weight basis. **This bid contains an equipment supply and service specification.**

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for Lime Slurry, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical/Chemical Requirements

Product must be made by high energy particle/slurry integration producing micro particulation by means of high intensity rotary synthesis or similar process producing a mean particle size not exceeding 22 microns and maximum particle size not to exceed 96 microns. Product must be filtered through 100 -150 mesh filter prior to loading for delivery. Product should contain 33-36% calcium hydroxide and the specific gravity must be between 1.25 -1.35. Slurry will not settle or leave sediment in bottom of tank that will damage mixer if off for 24 hours. **The product must be manufactured using air classified hydrated lime. No product manufactured using quicklime will be considered.**

1.4 Impurities

Lime Slurry that meets the requirements of this standard shall contain no soluble material or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been treated properly with the Lime Slurry.

1.5 Sampling and Analysis

1.5.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.5.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.5.3. **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.6 Rejection

1.6.1 **Notice of Nonconformance.** If the lime slurry delivered does not meet the specifications herein, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7 Other Requirements

1.7.1 Equipment Supplier must furnish peristaltic pump system capable of meeting the dosage requirements using 0-100% speed control and 4-20ma follower control for remote control, plus tanks and mixing system at remote sites. The Water and Wastewater Treatment Plants themselves have receiving vessels. The Water Plant takes full loads (TTL) and Wastewater takes full loads (TTL) or split loads. All pump systems need a PLC/micro-timer dual independent (suction & discharge) flush system. The water plant requires 2 peristaltic pump system for backup purposes. Wastewater division requires contractor to provide one primary feed pump. The division will provide one backup pump for use when primary fails until primary is replaced by contractor awarded the Lime slurry bid.

1.7.2 Support. Supplier must provide 24 hr response and support to resolve any equipment or plugging issues with product.

ITEM NO. 12 CAPTOR

1.1 Scope

This specification covers Captor (CaS2O3) used for dechlorination in water and wastewater treatment. The estimated annual usage is 5,250 gallons. Delivery will be less than truckloads (LTL) averaging between 330 to 400 gallons. Pricing is on a per gallon basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for Captor, including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Liquid calcium thiosulfate solution is a neutral pH range 6.5 to 7.5, clear in appearance with little odor.

1.4 Chemical Requirements

Captor delivered under this contract shall contain approximately 30 percent calcium thiosulfate by weight.

1.5 Impurities

1.5.1 **General.** The calcium thiosulfate solution supplied according to this specification shall contain no soluble material or organic substances in quantities capable of producing deleterious effects to the receiving waters or violating water quality standards when used properly.

1.6 Sampling and Analysis

1.6.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the calcium thiosulfate delivered does not meet the requirements of this specification, a discovery of nonconformance shall be given to the supplier by County within ten days of County's notice of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 **Material Originating Outside of North America.** No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with these specifications.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the Captor furnished under these specifications complies with all applicable requirements of these specifications. (2) A certified analysis of the Captor and shall include product content.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 **Hazmat Response Team.** Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 **Spill Response.** Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW personnel shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all Captor solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

ITEM NO. 13
HYDROCHLORIC ACID (15%)

1.1 Scope

Hydrochloric acid supplied for the water plant use under this specification shall conform to all provisions of applicable AWWA Standards.

This specification covers Hydrochloric Acid (15%) for use in water treatment for the generation of Chlorine Dioxide. The estimated annual usage is 380,000 pounds. Pricing is requested for 40,000 pound truckloads (TTL) or on (LTL) of minimum 2000 gallons on wet pound weight basis.

1.2 Purpose

The purpose of this specification is to provide manufacturers and suppliers with the minimum requirements for hydrochloric acid (15%), including physical, chemical, packaging, shipping, and testing requirements.

1.3 Physical Requirements

Hydrochloric acid is an acidic, white to yellow, clear liquid, corrosive, with irritating odor.

1.4 Chemical Requirements

Hydrochloric acid delivered under this contract for the water plant shall be a minimum of 14.5% and a maximum of 16% hydrochloric acid and have a minimum specific gravity of 1.07

1.5 Impurities

1.5.1 **General.** The hydrochloric acid supplied according to this specification shall contain no soluble material or organic substances in quantities capable of producing deleterious effects on the health of those consuming water that has been treated properly with the hydrochloric acid.

1.6 Sampling and Analysis

1.6.1 **Sampling.** Samples requested by a Harnett County employee shall be taken by the driver at the point of delivery and in the presence of a Harnett County employee. The sample shall be placed in a container that will be provided by the County, which shall include a label to be completed by the driver collecting the sample. The sample shall be given to the Harnett County employee for processing.

1.6.2 **Tank Samples.** The sample taken by the driver should be a representative sample of the product delivered. Samples shall be held by County for 30 days before disposal.

1.6.3. **Analysis.** No independent analysis of the provided samples will be performed by an outside laboratory unless it is deemed necessary for product verification. A Harnett County employee supervising chemical delivery may perform simple tests such as specific gravity, pH or strength of product on the product before it is accepted for offloading into the County's storage vessels.

1.7 Rejection

1.7.1 **Notice of Nonconformance.** If the hydrochloric acid delivered does not meet the requirements of the applicable ANSI/AWWA standard or these specifications, a notice of nonconformance shall be given to the supplier by County within ten days of County's discovery of nonconformance. County shall have the right to reject all nonconforming product.

1.7.2 **Material Originating Outside of North America.** No material shall be supplied under this contract that was manufactured outside of North America without written approval of the County. The supplier shall inform the County, in writing, that the material was manufactured outside of North America, the origin of the material, and certification of conformance with the applicable ANSI/AWWA Standard and these specifications.

1.8 Affidavit of Compliance

The County requires (1) an affidavit from the manufacturer that the hydrochloric acid furnished under these specifications complies with all the applicable requirements of ANSI/AWWA Standards and these specifications. (2) A certified analysis of the hydrochloric acid and a certified weight certificate shall be furnished by the supplier with TTL shipment. The analysis shall include product content.

1.8.1 **Product Certifications.** Hydrochloric acid is a direct additive used in the treatment of potable water. The material for the water plant should be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals - Health Effects. Evaluation shall be accomplished in accordance with requirements that are no less restrictive than those listed in ANSI/NSF Standard 60. Certification shall be accomplished by a certification organization accredited by the American National Standards Institute.

1.9 CHEMICAL SPILL RESPONSE REQUIREMENTS

1.9.1 **Hazmat Response Team.** Each chemical supplier shall furnish the name, address and telephone number of a qualified Hazmat Response Team. This team shall be supplied by the supplier to clean-up and mitigate a chemical spill caused by the supplier or its designee. The Hazmat Response Team must meet OSHA requirements and be available twenty-four (24) hours per day, seven (7) days per week.

1.9.2 **Spill Response.** Response to a hazardous material clean-up shall occur within eight (8) hours of notification by the treatment plant or the authorized representative, Spill mitigation actions taken by HRW shall not be construed as a replacement for Chemical Spill Response. The Plant Supervisor or authorized designee shall make the determination of need for Hazmat Response Team assistance. Supplier must supply information on response team prior to first shipment.

2.0 PACKAGING & SHIPPING

Packaging and shipping of all hydrochloric acid solutions shall conform to all applicable local, state and federal regulations (including USDOT regulations and applicable interstate regulations).

EXECUTION OF PROPOSAL PAGE

Water and Wastewater Treatment Chemicals

Date: _____

By submitting this proposal, Supplier certifies the following:

An authorized representative of the firm has signed this proposal.

It can obtain insurance certificates as required within 10 calendar days after notice of award.

The Supplier has determined the cost and availability of all equipment, materials and supplies associated with performing the services outlined herein.

All labor costs, direct and indirect, have been determined and included in the proposed cost.

The Supplier is aware of the prevailing conditions associated with performing this contract.

The Supplier agrees to complete the scope of work for this project with no exceptions.

Therefore, in compliance with the foregoing Request for Proposal, and subject to all terms and conditions thereof, the undersigned offers and agrees, if this proposal is accepted within (60) days from the date of the opening, to furnish the services for the prices quoted.

Supplier: _____

Mailing Address: _____

City, State, Zip Code: _____

Telephone Number: _____

Principal Place of Business
if different from above: _____

By _____ Title: _____
(Type or Print Name)

(Signature)

STATE OF NORTH CAROLINA

AFFIDAVIT

COUNTY OF HARNETT

I, _____(the individual attesting below), being duly authorized by and on behalf of _____ ("Employer") after first being duly sworn hereby swears or affirms as follows:

- 1. Employer understands 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(5).
- 2. Employer is a person, business entity, or other organization that transacts business in this State and that employs 25 or more employees in this State. (mark Yes or No)
 - a. YES _____, or
 - b. NO _____
- 3. Employer understands that Employers Must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS§64-26(a).
- 4. Employer's subcontractors comply with E-Verify pursuant to federal law, and Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.

This ____ day of _____, 202__.

Signature of Affiant
Print or Type Name: _____

State of North Carolina County of

Signed and sworn to (or affirmed) before me, this the

day of _____, 202__.

My Commission Expires:

Notary Public

(Affix Official/Notarial Seal)

LS14-369