

NOTICE TO BIDDERS

Sealed bids will be received by the Board of Waterworks Commissioners of Water District No. 1, Parish of Lafourche, State of Louisiana, until the **hour of two thirty o'clock (2:30) pm, Wednesday, December 9, 2015** at its regular meeting place, the Water Treatment Plant Office, Lockport, Louisiana, and publicly opened immediately thereafter, for furnishing the following chemicals for water treatment.

1. LIQUID ALUMINUM SULFATE
2. POWDERED ACTIVATED CARBON
3. LIQUID CHLORINE (one ton cylinder container)
4. CATIONIC POLYELECTROLYTE
5. FLUOROSILICIC ACID
6. ANHYDROUS AMMONIA
7. 20% LIQUID SODIUM PERMANGANATE

Copies of Bid documents such as Instructions to Bidders, Bid Form, and Detailed Specifications may be obtained from the District's office at:

LAFOURCHE PARISH WATER DISTRICT NO. 1
5753 HIGHWAY 308
LOCKPORT, LA 70374

Electronic bids must be submitted through <http://www.centralbidding.com> prior to the electronic bidding deadline. All other bids must be sealed and marked "**SEALED BID - PROPOSAL FOR CHEMICALS FOR WATER TREATMENT**". Any bid received after the announced closing time will be returned unopened.

The contract period is **February 1, 2016 through January 31, 2017.**

BOARD OF WATERWORKS COMMISSIONERS

Sidney Triche, President

Robert Pontif, Jr., Secretary Treasurer

Publications: November 9, 18, 27, 2015

INSTRUCTIONS TO BIDDERS

This proposal is for furnishing chemicals as required for a period of twelve (12) months from the award of contract. **All quantities specified within these documents are estimates based on previous use and/or future projections. The District reserves the right to either increase or decrease the quantities to fulfill its needs.** Any order that cannot be supplied in quantity, or quality, as specified by the contract documents may result in the cancellation of the contract.

At the end of one year from effective date of executed agreement, and upon mutual consent of both parties, said Contract may be extended for an additional one year period providing all terms and conditions set forth in original agreement remains the same.

Each bidder shall carefully check all requirements herein set forth in the specifications and shall offer proposals, which fully comply with these contract documents and specifications, etc. Wherein his proposal offered does not meet these specifications, such exceptions, if made, shall be listed by page number in the following blanks and shall be marked in ink on the pages of these specifications and shall be explained in detail in a letter accompanying his bid. Failure to outline such exceptions will require the said bidder to comply with these specifications.

EXCEPTIONS TO SPECIFICATIONS: _____

The Lafourche Parish Water District No. 1, as a public water utility, is exempted under Act No. 1029 of House Bill No. 1139, from paying any state sales and use tax and sales and use tax levied by any political subdivision. **The unit price bid on each item shall be the amount required to furnish the units FOB to the Lafourche Parish Water District No. 1 Water Treatment Plants, at 5753 Highway 308, Lockport, Louisiana, and/or 1052 Highway 1, Thibodaux, Louisiana.** Destination will be given at the time of the order and may be routed to either, both, or divided between the two facilities.

All proposals shall be submitted on the Bid Form hereto attached. Copies of addenda, if any, shall be attached to the bound volume submitted as well.

Each bidder shall indicate in his proposal, in the space provided for that purpose, delivery time from date of order.

Bidders may submit bids on all or on individual items. Contracts will be awarded for each individual chemical. Subsequent invoices from the successful bidder will reflect the contract price at the time the order was placed.

In the event two or more proposals equal in amount are lowest, the Board of Commissioners of Lafourche Parish Water District No. 1, Lockport, Louisiana, reserves the right to decide whom the contract is to be awarded.

At anytime prior to the scheduled closing time for receipt of proposals, any bidder may withdraw his proposal. After scheduled closing time for the receipt of proposals or before award of the contract, no bidder will be permitted to withdraw his proposal, unless said award is delayed for a period exceeding thirty (30) days or the date of the next regular meeting of the Board, whichever is longer. Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the proposal after it has been opened.

All water treatment chemicals proposed must be ANSI/NSF 60 or ANSI/NSF 61 certified. This certification shall be issued by an ANSI accredited third-party certification agency such as the National Sanitation Foundation (NSF), the International Underwriters Laboratory (UL), or other acceptable ANSI accredited third-parties for; a) treatment equipment or b) materials that will be in contact with the water.

Before any contracts are awarded, the successful bidder will be required to provide a product data sheet, a copy of the certification agency's product listing page (which provides proof of certification with the ANSI/NSF standards), and a signed letter from a company official stating that each product furnished will comply with the appropriate ANSI/NSF standard as well as the specifications outlined in this packet. This information must be provided upon request and shall be submitted within a timely manner. It is advisable to include these documents with your proposal to eliminate delays.

Also, the successful bidder and any carrier used to deliver the product will be required to furnish Lafourche Parish Water District No. 1 with a certificate of insurance. This certificate must also be provided upon request and shall be submitted within a timely manner. It must be issued in the Lafourche Parish Water District No. 1's name and provide the following coverage:

- 1.) General Liability - \$1,000,000.00 per occurrence, \$1,000,000.00 aggregate, \$1,000,000 products/completed operations, along with naming the Lafourche Parish Water District No. 1 as additional insured and waiver of subrogation.
- 2.) Automobile Liability - \$1,000,000.00 per occurrence, along with naming the Lafourche Parish Water District No. 1 as additional insured and waiver of subrogation.
- 3.) Workers Compensation – with \$1,000,000.00 on the employer liability limit and waiver of subrogation. (Owner must be included if owner performs delivery or service work on District premises.)

Note: A sample certificate of insurance is attached providing the minimum required language regarding additional insured and waiver of subrogation. **Please use the sample certificate of insurance provided as a guide for the minimum required language and coverage.**

Certificates of insurance acceptable to the District shall be filed with the District. These certificates shall contain a provision that coverages afforded under the policies will not be cancelled unless at least thirty (30) days prior written notice has been given to the District. In addition, it is the responsibility of the supplier to notify District staff of any changes in product carriers. New carriers will be required to provide proof of insurance as outlined above before making a delivery.

Proposals may be delivered in person, or may be mailed to reach the Purchaser prior to the opening of bids to:

Lafourche Parish Water District No. 1
5753 Hwy 308
P.O. Box 399
Lockport, LA 70374

All bids shall be enclosed in sealed envelopes addressed to the Purchaser and marked: **“SEALED BID
- PROPOSAL FOR CHEMICALS FOR WATER TREATMENT”**

Any bid received after the announced closing time will be returned unopened.

BID FORM

TO: Lafourche Parish Water District No. 1
P. O. Box 399
Lockport, LA 70374

BID FOR: Proposal for Chemicals for Water Treatment

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, which include Notice to Bidders, Instructions to Bidders, Bid Form, and Detailed Specifications b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) hereby proposes to provide chemicals in strict accordance with the Bidding Documents prepared by: Lafourche Parish Water District No. 1 and dated: November 9, 2015.

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____

NAME OF BIDDER: Pencco, Inc.

ADDRESS OF BIDDER: P.O. Box 600
San Felipe, TX 77473

NAME OF AUTHORIZED SIGNATORY OF BIDDER: Sarah Duffy

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: Bid Sec.

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER: 

PHONE NUMBER: 979 885 0005

DATE: 12/7/15

NOTE: The accompanying Unit Price Form shall be used for all proposals and shall include delivered unit prices as explained in the Instructions to Bidders section of these contract documents.

**BID FORM
UNIT PRICE FORM**

TO: Lafourche Parish Water District No. 1
P. O. Box 399
Lockport, LA 70374

BID FOR: Proposal for Chemicals for Water Treatment

UNIT PRICES: This form shall be used for bidding on Water Treatment Chemicals required by the Bidding Documents.
Amounts shall be stated in figures and only in figures, and shall provide delivered unit prices.

DESCRIPTION: Liquid Aluminum Sulfate for water treatment (NOTE: Bid price based on available Al ₂ O ₃)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	Delivery: Days required from receipt of Purchase Order to complete shipment
1	650	Dry Tons	No Bid /Dry Ton	

DESCRIPTION: Bagged Powdered Activated Carbon for water treatment				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	Delivery: Days required from receipt of Purchase Order to complete shipment
2	40,000	Pounds	No Bid /Pound	

DESCRIPTION: Liquid Chlorine for water treatment (one ton cylinder containers)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	Delivery: Days required from receipt of Purchase Order to complete shipment
3	200,000	Pounds	No Bid /Pound	

DESCRIPTION: Liquid Cationic Polyelectrolyte for water treatment				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	Delivery: Days required from receipt of Purchase Order to complete shipment
4	250,000	Pounds	No Bid /Pound	

DESCRIPTION: Bulk Fluorosilicic Acid for water treatment (NOTE: Bid price on "AS IS" basis – See Detailed Specifications)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	Delivery: Days required from receipt of Purchase Order to complete shipment
5	120,000	Pounds	\$0.262 /Pound	5-10 approx.

DESCRIPTION: Anhydrous Ammonia for water treatment				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	Delivery: Days required from receipt of Purchase Order to complete shipment
6	50,000	Pounds	No Bid /Pound	

DESCRIPTION: 20% Liquid Sodium Permanganate for water treatment				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	Delivery: Days required from receipt of Purchase Order to complete shipment
7	35,000	Pounds	No Bid /Pound	

Wording for "DESCRIPTION" is to be provided by the Owner.
All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.

DETAILED SPECIFICATIONS FOR LIQUID ALUMINUM SULFATE

Reference No. 1

This proposal is for furnishing Liquid Aluminum Sulfate for water treatment, as required.

The Aluminum Sulfate shall be furnished in accordance with AWWA B403-98 specifications or the latest version. The chemical analysis for the Aluminum Sulfate shall be the same as the following typical analysis:

TYPICAL ANALYSIS FOR LIQUID ALUMINUM SULFATE

ALUMINUM SULFATE - LIQUID GRADE – (BASIS 17% Al₂O₃)

Total	Al ₂ O ₃	8.00 %
Free	Al ₂ O ₃	.10 %
Total	Fe ₂ O ₃	.35 %
Water Insoluble matter		.20 %

The Liquid Aluminum Sulfate shall have a minimum soluble Al₂ O₃ of 8.0% suitable for human water supply. The Aluminum Sulfate shall have an approximated Baume' of 36 and a specific gravity of 1.33 at 60° F. The Aluminum Sulfate shall be paid for by the dry ton basis.

The Liquid Aluminum Sulfate shall be reasonably clear. It shall be of such clarity as to permit the reading of low measuring devices without difficulty.

The suspended matter in the Liquid Aluminum Sulfate shall not exceed 0.2 percent. It shall comply with the regulations for marketing.

Quantity

This proposal is for furnishing Liquid Aluminum Sulfate, approximately 4,500 gallons per delivery as required. This estimate is based on past use and/or future projections. The District reserves the right to either increase or decrease the quantities to fulfill its needs.

Delivery

Deliveries shall be made to Lafourche Parish Water District No. 1, South Treatment Plant, 5753 Highway 308, Lockport, La. or Lafourche Parish Water District No. 1, North Treatment Plant, 1052 Highway 1, Thibodaux, La. Approximately one-third (1/3) of total chemicals would be used at the North Treatment Plant. Destination would be given when order is placed and may be routed to either, both, or divided between the two facilities.

Delivery on all items will be handled during the normal working hours of 7:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:30 p.m., Monday through Friday only, excluding holidays. No chemicals will be accepted

that cannot be unloaded within these hours. Truck driver delivering chemicals must contact proper plant authority upon arrival at plant and prior to unloading.

A Material Safety Data Sheet (MSDS) and a Certified Analysis of the product must be provided to the District with each delivery.

The Liquid Aluminum Sulfate transportation tank shall be equipped with a tamper proof numbered seal that coincides with the shipping documentation. Once this is verified and all other requirements are met, the alum shall be unloaded into the storage tank. The tank truck shall furnish all power and equipment to unload into storage tank. The Bidders should familiarize themselves with the conditions that exist. The storage tank has a two-inch (2") connection (2" female at South Plant and 2" male at North Plant). Weight tickets shall be furnished with each load. Deliverer shall notify proper plant authority prior to unloading.

The tank truck shall have been used for Liquid Aluminum Sulfate transport only. It shall be the responsibility of the supplier to check each transport and determine if any traces of toxic material or any bacteriologically impure material is present in the transport. Failure to do this shall be ground for rejection by the purchaser.

Shipments of Liquid Aluminum Sulfate shall comply with the Interstate Commerce Commission regulations for marketing.

General

If the supplier is called in an emergency regarding the application or the storage of the product, a qualified representative with troubleshooting experience shall report to the location in question. This person shall arrive within twenty-four (24) hours after notification from Lafourche Parish Water District No. 1.

Indemnification

The Contractor will indemnify and hold harmless the District and their agents and employees from and against all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom; and is caused in whole or in part, directly or indirectly, by any negligent or willful act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable.

DETAILED SPECIFICATIONS FOR POWDERED ACTIVATED CARBON

Reference No. 2

The Powdered Activated Carbon shall be furnished in accordance with ANSI/AWWA B600-96 specifications or the latest revision.

The PAC to be supplied shall be virgin, powdered, and manufactured from lignite, reagglomerated sub-bituminous, or reagglomerated bituminous coal (combined with suitable binders). Peat and coconut based PAC will not be accepted.

The PAC shall be suitable for use in a potable water treatment plant and be effective in the removal of the taste and odor and/or other target compounds as described herein to the prescribed acceptable levels. The PAC shall be visually free of clay, dirt and deleterious material.

All PAC products must be pre-approved for use by the District. Any supplier wishing to obtain this approval must satisfy the requirements and conditions of the performance trial as outlined below. The trial must be complete ten (10) days prior to the advertisement for bids to be eligible for the approaching bid. Otherwise, it can only be approved for subsequent bids.

The following products have been satisfactorily tested and approved.

Norit - Hydrodarco C

MeadWestvaco – Nuchar MWC

Equivalent products will be acceptable as long as the product meets the following specifications and has been pre-approved as stated above.

Molasses Decolorizing Efficiency	75 minimum
Iodine Number, mg/g	500 minimum
Moisture as packed, wt. %	8 maximum
Mesh size	
Passing 325 mesh (45 µm), %	65 minimum

Contents

Reports on representative samples of PAC shall contain the following information:

- Mesh size confirmation
- Molasses Decolorizing Efficiency (D.E.)
- Iodine number
- Moisture as packed (percent)

Performance Trial

Any supplier wishing to gain approval for bidding on Powdered Activated Carbon must be pre-approved 10 days prior to the advertisement for bids. The supplier shall begin the process by

submitting a letter regarding their intention to conduct a performance trial. Included in this letter shall be a price per pound quotation (delivered). Accompanying this letter should be a typical product analysis and an MSDS of the product. After reviewing these documents, the District will notify the supplier, in writing, whether the trial has been granted. If it has, twelve (12) fifty-pound bags of product must be delivered to the Lafourche Parish Water District No. 1, 5753 Highway 308, Lockport, LA 70374, free of all cost. A trial will be conducted at the convenience of the purification department and will use regular plant personnel and equipment. If the preliminary evaluation is inconclusive, the Lafourche Parish Water District No. 1 may purchase additional product, at the quoted price, to continue the trial. The product must prove to be equal in performance and in dosage requirements to gain approval. The Purification Division Manager shall be the sole judge of performance and his approval or disapproval shall be final. He also has the authority to interrupt or discontinue the trial at any time without obligation of the Water District. If the test run is terminated, the remainder of the Powdered Activated Carbon shall be picked up by the supplier and a full refund shall be promptly issued to the Lafourche Parish Water District No. 1 for the unused amount.

Quantity

This proposal is for furnishing bagged Powdered Activated Carbon. The bagged Powdered Activated Carbon shall be in forty or fifty pound multi-walled bags, approximately 300 bags per delivery as required. This estimate is based on past use and/or future projections. The District reserves the right to either increase or decrease the quantities to fulfill its needs.

Delivery

Deliveries shall be made to Lafourche Parish Water District No. 1, South Treatment Plant, 5753 Highway 308, Lockport, La. or Lafourche Parish Water District No. 1, North Treatment Plant, 1052 Highway 1, Thibodaux, La. Destination would be given when order is placed and may be routed to either, both, or divided between the two facilities. Deliverer shall notify proper plant authority prior to unloading.

Delivery on all items will be handled during the normal working hours of 7:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:30 p.m., Monday through Friday only, excluding holidays. No chemicals will be accepted that cannot be unloaded within these hours. Truck driver delivering chemicals must contact proper plant authority upon arrival and prior to unloading.

A Material Safety Data Sheet (MSDS) and a Certified Analysis of the product must be provided to the District with each delivery.

Activated Carbon shall be fully covered enroute. Activated Carbon shall not be unloaded when it is raining. Activated Carbon shall be unloaded by Lafourche Parish Water District No. 1 personnel, except all broken bags shall be gathered up into paper bags by deliverer. The Activated Carbon supplier and/or the Contractor will be responsible for cleanup of all PAC spills that may occur during the transfer operation. Excessive breakage will not be accepted.

Pallets shall be placed on truck with opening to outside for easy access with forklift. Bags on pallets shall not be stacked more than ten (10) rows high.

General

If the supplier is called in an emergency regarding the application or the storage of the product, a qualified representative with troubleshooting experience shall report to the location in question. This person shall arrive within twenty-four (24) hours after notification from Lafourche Parish Water District No. 1.

Indemnification

The Contractor will indemnify and hold harmless the District and their agents and employees from and against all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom; and is caused in whole or in part, directly or indirectly, by any negligent or willful act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable.

DETAILED SPECIFICATIONS FOR LIQUID CHLORINE (One ton containers)

Reference No. 3

The Liquid Chlorine (in one ton containers) shall be furnished in accordance with AWWA B301-99 specifications. Liquid Chlorine shall be 99.5% pure by volume as obtained from vaporized liquid chlorine and suitable for the treatment of water.

Quantity

This proposal is for furnishing Liquid Chlorine, packed in one ton capacity steel containers. A typical order consists of delivering three (3) cylinders to the South Plant and one (1) or two (2) cylinders to the North Plant. The District reserves the right to increase or decrease this amount as necessary.

Delivery

Deliveries shall be made to Lafourche Parish Water District No. 1, South Treatment Plant, 5753 Highway 308, Lockport, La. or Lafourche Parish Water District No. 1, North Treatment Plant, 1052 Highway 1, Thibodaux, La. Approximately one-third (1/3) of total chemicals would be used at the North Treatment Plant. Destination would be given when order is placed and may be routed to either, both, or divided between the two facilities. Deliverer shall notify proper plant authority prior to unloading.

Delivery on all items will be handled during the normal working hours of 7:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:30 p.m., Monday through Friday only, excluding holidays. No chemicals will be accepted that cannot be unloaded within these hours. Truck driver delivering chemicals must contact proper plant authority upon arrival at plant and prior to unloading.

A Material Safety Data Sheet (MSDS) and a Certified Analysis of the product must be provided to the District with each delivery.

The delivery truck will be of the open flat bed type and must be equipped for unloading. Before unloading, the driver shall remove each valve cover and allow District personnel to visually inspect the valves for leaks. The District will reject containers that appear to be leaking or in poor condition. Once District personnel inspect and accept the delivery, the driver may then unload. Deliverer in exchange will pick up the empty containers.

General

Containers shall be reconditioned, maintained, and loaded in strict accordance with the latest edition of the Chlorine Institute Pamphlet 17. The District will reject containers that generally appear to be in poor condition. In addition, out of date hydrostatic test or missing serial numbers will be cause for rejection.

Supplier shall conduct a comprehensive chlorine training class to include general chlorine safety, hands-on chlorine repair kit training, etc. This will be conducted once per twelve-month period at the District's convenience.

If the supplier is called in an emergency regarding the application or the storage of the product, a qualified representative with troubleshooting experience shall report to the location in question. This person shall arrive within twenty-four (24) hours after notification from Lafourche Parish Water District No. 1.

Indemnification

The Contractor will indemnify and hold harmless the District and their agents and employees from and against all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom; and is caused in whole or in part, directly or indirectly, by any negligent or willful act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable.

DETAILED SPECIFICATIONS FOR LIQUID CATIONIC POLYELECTROLYTE

Reference No. 4

Liquid Cationic Polyelectrolyte, referred to herein as Polyelectrolyte, must meet all specifications, standards and requirements of AWWA-B451-98, or latest version, the USHEW, the USEPA, the Louisiana State Office of Public Health and obtain a performance approval from the Lafourche Parish Water District No. 1. The product must be suitable in all respects for use in purification of water for drinking purposes. The Polyelectrolyte is to be used as a coagulant aid. Liquid Alum is used as the primary coagulant.

The product must be soluble in water in all proportions, and have a viscosity that will not affect the pumping action of the material at ambient temperatures. The material must remain stable if stored at ambient temperatures up to six (6) months. The Polyelectrolyte must be compatible and stable with other Polyelectrolytes, Chlorine, Ammonia, and other chemicals used for water treatment. It must be approved by USEPA and Louisiana OPH for use at levels up to 20 parts per million.

Contents

Each shipment furnished to the Lafourche Parish Water District No. 1 shall provide a product that contains not less than 20 percent (%) active polymer. A Certified Analysis of the product must be provided to the District with each delivery. Also, the Lafourche Parish Water District No. 1 shall be notified, in writing, of acrylamide and epichlorohydrin levels contained in the product. This shall be submitted upon the initial shipment and any time requested otherwise.

Performance Trial

Any supplier wishing to gain approval for bidding on Polyelectrolytes, must be pre-approved 10 days prior to the advertisement for bids. The supplier shall begin the process by submitting a letter regarding their intention to conduct a performance trial. Included in this letter shall be a price per pound quotation (delivered). Accompanying this letter should be a typical product analysis and an MSDS of the product. After reviewing these documents, the District will notify the supplier, in writing, whether the trial has been granted. If it has, two (2) fifty-five gallon drums of product must be delivered to the Lafourche Parish Water District No. 1, 5753 Highway 308, Lockport, LA 70374, free of all cost. For a period of at least four (4) weeks during cool weather months, a trial will be conducted at the convenience of the purification department and will use regular plant personnel and equipment. If the preliminary evaluation is inconclusive, the Lafourche Parish Water District No. 1 may purchase additional product, at the quoted price, to continue the trial. The product must prove to be equal in performance and in dosage requirements to gain approval. The Purification Division Manager shall be the sole judge of performance and his approval or disapproval shall be final. He also has the authority to interrupt or discontinue the trial at any time without obligation of the Water District. If the test run is terminated, the remainder of the Polyelectrolyte shall be picked up by the supplier and a full refund shall be promptly issued to the Lafourche Parish Water District No. 1 for the unused amount.

The following products have been satisfactorily tested and approved.

Nalco Company	Cat Flocc TL
Cytec Industries	Magna Flocc 587C
CitiChem	Chemflocc 615
Thornton, Musso, & Bellemin, Inc.	TMB 1912
Specialty Polymers & Chemicals, Inc.	SPC-725
Polydyne, Inc.	Clariflocc (R) C-308 P
Industrial Chemicals, Inc.	IC-332

Should an approved product fail to provide continued satisfactory performance at a competitive dosage level, it shall be disapproved at the sole discretion of the Purification Division Manager.

Proposals received by contractors, whose products have not been satisfactorily tested and approved, will be rejected.

Quantity

Quantity shall be the amount required by the Treatment Plant when and as needed. The estimated quantity is about 250,000 pounds annually, but this amount should be used as a guide only. This estimate is based on past use and/or future projections. The District reserves the right to either increase or decrease the quantities to fulfill its needs.

Delivery

Delivery shall be prepaid in a bulk tank truck usually about 35,000 pounds per delivery, as released by the Purification Division Manager during the bid contract period. Delivery will be divided between Lafourche Parish Water District No. 1, South Treatment Plant, at 5753 Highway 308, Lockport, LA, and Lafourche Parish Water District No. 1, North Treatment Plant, at 1052 Highway 1, Thibodaux, LA. Destination would be given when order is placed and may be routed to either, both, or divided between the two facilities. Deliverer shall notify proper plant authority prior to unloading.

The Polymer transportation tank shall be equipped with a tamper proof numbered seal that coincides with the shipping documentation. Once this is verified and all other requirements are met, the polymer shall be unloaded into the storage tank. The delivery truck shall be equipped with the necessary equipment and connections to pump the shipment into the treatment plant's bulk system. Storage Tanks at the South Plant and North Plant have two-inch (2") male connections.

Delivery on all items will be handled during the normal working hours of 7:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:30 p.m., Monday through Friday only, excluding holidays. No chemicals will be accepted that cannot be unloaded within these hours. Truck driver delivering chemicals must contact proper plant authority upon arrival at plant and prior to unloading.

A Material Safety Data Sheet (MSDS) and a Certified Analysis of the product must be provided to the District with each delivery.

General

The bid price shall be the total bulk delivered price per pound of Liquid Cationic Polyelectrolyte. It shall include all cost including royalties, etc. due for the use of material purchased, the furnishing, and delivery, as released of Polyelectrolyte FOB the Lafourche Parish Water District No. 1 "NORTH TREATMENT PLANT", near Thibodaux La. and "SOUTH TREATMENT PLANT", near Lockport, La.

Weight measurements shall accompany all deliveries, shall be provided by certified scales, and shall be printed on tickets. The weight calculated from the ticket will be the basis for billing. The cost of weighing shall be at the expense of the contractor.

If the supplier is called in an emergency regarding the application or the storage of the product, a qualified representative with troubleshooting experience shall report to the location in question. This person shall arrive within twenty-four (24) hours after notification from Lafourche Parish Water District No. 1.

Indemnification

The Contractor will indemnify and hold harmless the District and their agents and employees from and against all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom; and is caused in whole or in part, directly or indirectly, by any negligent or willful act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable.

DETAILED SPECIFICATIONS FOR FLUOROSILICIC ACID

Reference No. 5

Fluorosilicic acid shall be furnished with not less than 23% and with no more than 25% H_2SiF_6 by weight and in accordance with AWWA Standards for fluorosilicic acid, ANSI/AWWA B703-00, or the latest version. A Certified Analysis of the product must be provided to the District with each delivery. If the analysis shows that the product is not within 23%-25% H_2SiF_6 , it will automatically be rejected.

The bid price on the attached Bid Form must be provided on an "AS IS" basis where no adjustments for the product strength will be allowed for billing purposes. Weight measurements shall accompany all deliveries, shall be provided by certified scales, and shall be printed on tickets. The weight calculated from the ticket will be the basis for billing. The cost of weighing shall be at the expense of the contractor.

The Fluorosilicic acid supplied under this contract shall be clean and free of visible suspended matter.

Fluorosilicic acid supplied under this standard shall contain no mineral or organic substances in quantities capable of:

- a) producing deleterious or injurious effects on the health of those consuming water that has been properly treated with the fluorosilicic acid or
- b) causing water treated to fail to meet the US EPA drinking water regulations.

Fluorosilicic acid supplied under this standard shall contain not more than 0.020 percent by weight of heavy metals, expressed as lead (Pb).

Delivery

Delivery shall be prepaid in a bulk truck usually about 4,000 gallons per delivery, as released by the Purification Division Manager during the bid contract period. The estimated quantity is about 7,500 gallons annually, but this amount should be used as a guide only. Delivery will be divided between Lafourche Parish Water District No. 1, South Treatment Plant, 5753 Highway 308, Lockport, LA and Lafourche Parish Water District No. 1, North Treatment Plant, 1052 Highway 1, Thibodaux, LA. Destination would be given when order is placed and may be routed to either, both, or divided between the two facilities. Deliverer shall notify proper plant authority prior to unloading.

The Fluorosilicic acid transportation tank shall be equipped with a tamper proof numbered seal that coincides with the shipping documentation. Once this is verified and all other requirements are met, the fluoride shall be unloaded into the storage tank. The delivery truck shall be equipped with the necessary equipment and connections to pump the shipment into the treatment plant's bulk system. South Plant has a two-inch (2") male connection and the North Plant has a two-inch (2") male connection.

Delivery on all items will be handled during the normal working hours of 7:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:30 p.m., Monday through Friday only, excluding holidays. No chemicals will be accepted that cannot be unloaded within these hours. Truck driver delivering chemicals must contact proper plant authority upon arrival at plant and prior to unloading.

A Material Safety Data Sheet (MSDS) and a Certified Analysis of the product must be provided to the District with each delivery.

Delivery shall be made as required upon issuance of a purchase order from proper District personnel.

Price per pound weight shall include all transportation charges to Thibodaux, La. and Lockport, La. plants. No delay or waiting time will be paid by Lafourche Parish Water District No. 1 unless it is determined that the District is at fault.

Weight measurements shall accompany all deliveries, shall be provided by certified scales, and shall be printed on tickets. The weight calculated from the ticket will be the basis for billing. The cost of weighing shall be at the expense of the contractor.

General

If the supplier is called in an emergency regarding the application or the storage of the product, a qualified representative with troubleshooting experience shall report to the location in question. This person shall arrive within twenty-four (24) hours after notification from Lafourche Parish Water District No. 1.

Indemnification

The Contractor will indemnify and hold harmless the District and their agents and employees from and against all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom; and is caused in whole or in part, directly or indirectly, by any negligent or willful act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable.

DETAILED SPECIFICATIONS FOR ANHYDROUS AMMONIA

Reference No. 6

This proposal is for furnishing Anhydrous Ammonia for use in water treatment. It shall be premium refrigeration grade containing not less than 99.95 % ammonia.

The Anhydrous Ammonia shall be certified under the National Sanitation Foundation Standard No. 60. Failure to comply with this requirement will result in the termination of the contract.

The Anhydrous Ammonia shall be free of foreign materials that may cause excessive clogging of feed equipment.

Quantity

This proposal is for furnishing Anhydrous Ammonia, approximately 3,000 pounds per delivery as required. This estimate is based on past use and/or future projections. The District reserves the right to either increase or decrease the quantities to fulfill its needs.

Delivery

Deliveries shall be made to Lafourche Parish Water District No. 1, South Treatment Plant, 5753 Highway 308, Lockport, La. or Lafourche Parish Water District No. 1, North Treatment Plant, 1052 Highway 1, Thibodaux, LA within two working days of order. Approximately one-third (1/3) of total chemicals would be used at the North Treatment Plant. Destination would be given when order is placed and may be routed to either, both, or divided between the two facilities. Deliverer shall notify proper plant authority prior to unloading.

Delivery truck must be equipped with necessary equipment, fittings, and hoses to unload the product into the treatment plants' holding tanks.

Delivery on all items will be handled during the normal working hours of 7:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:30 p.m., Monday through Friday only, excluding holidays. No chemicals will be accepted that cannot be unloaded within these hours. Truck driver delivering chemicals must contact proper plant authority upon arrival at plant and prior to unloading.

A Material Safety Data Sheet (MSDS) and a Certified Analysis of the product must be provided to the District with each delivery.

The supplier shall furnish all power and equipment to unload shipment into storage tank. The bidders should familiarize themselves with the conditions that exist. Weight tickets shall be furnished with each load. Deliverer shall notify proper plant authority prior to unloading.

General

Supplier shall provide the District with a copy of the product's NSF approval and a MSDS shall be provided with every delivery.

If the supplier is called in an emergency regarding the application or the storage of the product, a

qualified representative with troubleshooting experience shall report to the location in question within twenty-four (24) hours of notification. In addition, if a situation arises that requires the extraction of Anhydrous Ammonia from any of the District's storage tanks, the supplier shall be responsible for providing this service within twenty-four (24) hours of notification.

The supplier will be responsible for inspections of the District's pressure relief valves on all Anhydrous Ammonia storage tanks.

Indemnification

The Contractor will indemnify and hold harmless the District and their agents and employees from and against all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom; and is caused in whole or in part, directly or indirectly, by any negligent or willful act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable.

DETAILED SPECIFICATIONS FOR 20% LIQUID SODIUM PERMANGANATE

Reference No. 7

The Liquid Sodium Permanganate (20%) shall be furnished in accordance with AWWA B603-03 specifications. The Liquid Sodium Permanganate shall be certified by the National Sanitation Foundation (NSF) Standard 60 and suitable for the treatment of drinking water. In addition, each storage container shall have all the proper markings, labels, identifications, etc. needed to meet all Federal and State transportation and storage requirements.

Quantity

This proposal is for furnishing 20% Liquid Sodium Permanganate delivered in approximately 270 gallon chemical tote bins. A typical order consists of a four (4) tote delivery to the South Plant and two (2) tote delivery to the North Plant. The District reserves the right to increase or decrease this amount as necessary.

Delivery

Deliveries shall be made to Lafourche Parish Water District No. 1, South Treatment Plant, 5753 Highway 308, Lockport, La. or Lafourche Parish Water District No. 1, North Treatment Plant, 1052 Highway 1, Thibodaux, La. Destination would be given when the order is placed and may be placed for either plant or both plants at that time. Deliverer shall notify proper plant authority prior to unloading.

Delivery on all items will be handled during the normal working hours of 7:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:30 p.m., Monday through Friday only, excluding holidays. No chemicals will be accepted that cannot be unloaded within these hours. Truck driver delivering chemicals must contact proper plant authority upon arrival at plant and prior to unloading.

A Material Safety Data Sheet (MSDS) and a Certified Analysis of the product must be provided to the District with each delivery.

The District will reject containers that appear to be leaking or in poor condition. Once District personnel inspect and accept the delivery, the driver may then unload.

General

The supplier will be responsible for having all empty tote bins removed from the District's facilities. These tote bins must be removed from the District's premises within 14 days of the request.

If the supplier is called in an emergency regarding the application or the storage of the product, a qualified representative with troubleshooting experience shall report to the location in question. This person shall arrive within twenty-four (24) hours after notification from Lafourche Parish Water District No. 1.

Indemnification

The Contractor will indemnify and hold harmless the District and their agents and employees from and against all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom; and is caused in whole or in part, directly or indirectly, by any negligent or willful act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable.

CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY)
PRODUCER	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
INSURED	INSURERS AFFORDING COVERAGE	NAIC #
	INSURER A	
	INSURER B	
	INSURER C	
	INSURER D	
	INSURER E	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
		GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJ. <input type="checkbox"/> LOC				EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMPROP AGG \$ 1,000,000	
		AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	SAMPLE				COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$	
		EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$	
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				<input checked="" type="checkbox"/> W/C STAT/TERRITORY LIMITS <input type="checkbox"/> TOTT/EP E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000	
		OTHER					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
 CERTIFICATE HOLDER IS NAMED AS ADDITIONAL INSURED UNDER GENERAL LIABILITY AND AUTOMOBILE LIABILITY. WAIVER OF SUBROGATION APPLIES IN FAVOR OF CERTIFICATE HOLDER UNDER GENERAL LIABILITY, AUTOMOBILE LIABILITY AND WORKERS COMPENSATION.

CERTIFICATE HOLDER	CANCELLATION
Lafourche Parish Water District No. 1 P O Box 399 Lockport LA 70374-0399	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT. BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. A/WRITTEN REPRESENTATIVE



PO Box 600 San Felipe, Texas 77473
(979) 885-0005 Fax: (979) 885-3208

BOARD OF DIRECTORS MEETING

Prior Notice was waived and a meeting of the Directors was held on August 15, 2014. The following resolution was adopted in respects to the official signing of bids on behalf of Pencco, Inc.

BE IT RESOLVED by the Board of Directors of Pencco, Inc. in a meeting duly assembled that Monica Avila, former Bid Secretary of the Corporation, no longer has authority to negotiate for and sign any bid proposals and/or contracts on behalf of the Corporation.

BE IT FURTHER RESOLVED that Sarah Duffy, Bid Secretary, of the Corporation has authority to negotiate for and sign any bid proposals and/or contracts which the Corporation might enter into for the furnishing of services for the Corporation under such terms, conditions, and stipulations, and for such consideration as she may deem to be in the best interest of the Corporation.

No further business was necessary and the meeting was concluded.


Ron L. Horne, President

PENCCO, INC.
Pioneer Engineering Chemical Company

AFFIDAVIT OF COMPLIANCE

This is to certify that the Hydrofluorosilicic Acid supplied by our company meets AWWA Standard B703-11 or the latest revision, and is certified to NSF/ANSI Standard NSF-60.



Signature

R. L. Home, President

Name and Title of Official

1/30/2014

Date



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, December 07, 2015** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text.

Always confirm this information by clicking on the below link for the most accurate information: <http://info.nsf.org/Certified/PwsChemicals/Listings.asp?>

[CompanyName=pencco&](http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=pencco&)

NSF/ANSI 60

Drinking Water Treatment Chemicals - Health Effects

PENCCO, Inc.

831 Bartlett Road

Sealy, TX 77474

United States

800-864-1742

979-885-0005

Visit this company's website

<http://www.pencco.com>

Facility : Vernon, CA

Ferric Chloride

Trade Designation

Ferric Chloride

Product Function

Coagulation & Flocculation

Max Use

500mg/L

Ferrous Chloride

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Ferrous Chloride	Coagulation & Flocculation	500mg/L

Facility : Distribution Center - Willow Springs, IL**Hydrofluosilicic Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Fluorosilicic Acid	Fluoridation	6mg/L
Fluosilicic Acid	Fluoridation	6mg/L
Hydrofluosilicic Acid	Fluoridation	6mg/L

Facility : Distribution Center - Westborough, MA**Hydrofluosilicic Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Fluorosilicic Acid	Fluoridation	6mg/L

Facility : Middlesex, NC**Ferric Sulfate**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
50% Ferric Sulfate	Coagulation & Flocculation	650mg/L
60% Ferric Sulfate	Coagulation & Flocculation	650mg/L
Ferric Sulfate	Coagulation & Flocculation	650mg/L
Penn 3202	Coagulation & Flocculation	650mg/L
Poly Ferric Sulfate	Coagulation & Flocculation	650mg/L

Hydrofluosilicic Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrofluorosilicic Acid	Fluoridation	6mg/L

Facility : Distribution Center - Bardwell, TX**Ferric Chloride****Trade Designation**

Ferric Chloride

Pencco 3012

Product Function

Coagulation & Flocculation

Coagulation & Flocculation

Max Use

600mg/L

600mg/L

Ferric Sulfate**Trade Designation**

Ferric Sulfate Solution

Product Function

Coagulation & Flocculation

Max Use

650mg/L

Ferrous Chloride**Trade Designation**

Ferrous Chloride

Pencco 0210

Product Function

Corrosion Control

Coagulation & Flocculation

Corrosion Control

Coagulation & Flocculation

Max Use

500mg/L

500mg/L

Hydrofluosilicic Acid**Trade Designation**

Hydrofluorosilicic Acid

Product Function

Fluoridation

Max Use

6mg/L

Facility : Ennis, TX**Ammonium Sulfate****Trade Designation**

LIQUID AMMONIUM SULFATE

Product Function

Chloramination

Max Use

60mg/L

Ferric Chloride**Trade Designation**

Ferric Chloride

Pencco 3012

Product Function

Coagulation & Flocculation

Coagulation & Flocculation

Max Use

600mg/L

600mg/L

Ferric Sulfate

Trade Designation	Product Function	Max Use
50% Ferric Sulfate	Coagulation & Flocculation	150mg/L
60% Ferric Sulfate	Coagulation & Flocculation	150mg/L
Ferric Sulfate	Coagulation & Flocculation	150mg/L
Poly Ferric Sulfate	Coagulation & Flocculation	150mg/L

Ferrous Chloride

Trade Designation	Product Function	Max Use
Ferrous Chloride	Corrosion Control	500mg/L
	Coagulation & Flocculation	
Pencco 0210	Corrosion Control	500mg/L
	Coagulation & Flocculation	

Hydrofluosilicic Acid

Trade Designation	Product Function	Max Use
Hydrofluorosilicic Acid	Fluoridation	6mg/L

Facility : Sealy, TX**Ferric Sulfate**

Trade Designation	Product Function	Max Use
50% Ferric Sulfate	Coagulation & Flocculation	650mg/L
60% Ferric Sulfate	Coagulation & Flocculation	650mg/L
Ferric Sulfate	Coagulation & Flocculation	650mg/L
Ferric Sulfate Solution	Coagulation & Flocculation	650mg/L
Penn 3202	Coagulation & Flocculation	650mg/L
Poly Ferric Sulfate	Coagulation & Flocculation	650mg/L

Hydrofluosilicic Acid

Trade Designation	Product Function	Max Use
Fluorosilicic Acid	Fluoridation	6mg/L
Fluosilicic Acid	Fluoridation	6mg/L
Hydrofluosilicic Acid	Fluoridation	6mg/L