



**Water Quality Committee
AGENDA**

Monday, May 19, 2025

4:00 p.m.

Sweetwater Authority

505 Garrett Avenue

Chula Vista, CA 91910

Notice: This meeting will be held at the above date, time, and location, and Sweetwater Authority Board members and members of the public may attend in person. Some Sweetwater Authority Board members may attend and participate in the meeting virtually pursuant to the Brown Act (Gov. Code § 54953). As a convenience to the public, the Sweetwater Authority provides a call-in option and internet-based option for members of the public to virtually observe and provide public comments at its meetings. Additional details on in-person and virtual public participation are below. Please note that, in the event of a disruption in the call-in option or internet-based option, the meeting will continue unless otherwise required by law, such as when a Director is attending the meeting virtually pursuant to certain provisions of the Brown Act.

To join via Zoom Webinar from a computer, tablet, or smartphone, click on the link below:

<https://zoom.us/j/83420757494>

To join this meeting via telephone, please dial:

1-669-900-6833 or 1-253-215-8782

Meeting ID: 834 2075 7494

The Zoom Webinar link and telephone number will be active approximately 15 minutes prior to the meeting start time.

If you are unable to access the meeting using this call-in information, please contact the Assistant Board Secretary at (619) 409-6704 for assistance.

INSTRUCTIONS FOR PUBLIC COMMENT

Members of the public may address the Board regarding items not appearing on the posted agenda, which are within the subject matter jurisdiction of the Governing Board, and on agenda items. Speakers are asked to state name, address, and topic, and to observe a time limit of three (3) minutes each. Public comment on a single topic is limited to twenty (20) minutes. (Note: Written comments will no longer be read aloud during the meeting.)

Making Public Comment for Those Attending In-Person:

Anyone desiring to address the Governing Board regarding non-agenda items or an item listed on the agenda is asked to fill out a speaker's slip and present it to the Board Chair or the Secretary. Request to Speak forms are available at the Speaker's podium and at www.sweetwater.org/speakerform.

Making Public Comment for Those Not Attending In-Person:

The Chair will inquire if there are any comments from the public regarding non-agenda items and any items listed on the agenda prior to Board discussion. Members of the public may request to speak and make comments as follows:

- Via Zoom Webinar, click on “Raise Hand” button. This will notify the moderator that you wish to speak during Oral Communication or during a specific item on the agenda.
- Via phone, you can raise your hand by pressing *9 to notify the moderator that you wish to speak during the current item.

Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such request to the Board Secretary at (619) 409-6703 at least forty-eight (48) hours before the meeting, if possible.

UNDERSTANDING THE MEETING AGENDA

Opportunity for Public Comment Opportunity for members of the public to address the Board on items not appearing on the posted agenda, which are within the subject matter jurisdiction of the Governing Board (Government Code Section 54954.6)

Action Agenda Items on the Action Agenda call for discussion and action by the Board. All items are placed on the Agenda so that the Board may discuss and take action on the item if the Board is so inclined, including items listed for information.

Directors’ Comments Directors’ comments are comments by Directors concerning Authority business that may be of interest to the Board. Directors’ comments are placed on the Agenda to enable individual Board members to convey information to the Board and the Public. There is no discussion or action taken on comments made by Board members.

Closed Session At any time during the regular session, the Governing Board may adjourn to closed session to consider litigation, personnel matters, or to discuss with legal counsel matters within the attorney-client privilege. (Government Code Section 54954.5.)

	Pages
1. Call Meeting to Order and Roll Call	
<u>ACTION CALENDAR AGENDA</u>	
2. Items to be Added, Withdrawn, or Reordered on the Agenda	
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6. **Next Meeting Date: June 16, 2025**
7. **Adjournment**

This agenda was posted at least seventy-two (72) hours before the meeting in a location freely accessible to the Public on the exterior bulletin board at the main entrance to the Authority's office and it is also posted on the Authority's website at www.sweetwater.org. No action may be taken on any item not appearing on the posted agenda, except as provided by California Government Code Section 54954.2. Any writings or documents provided to a majority of the members of the Sweetwater Authority Governing Board regarding any item on this agenda will be made available for public inspection at the Authority Administration Office, located at 505 Garrett Avenue, Chula Vista, CA 91910, during normal business hours. Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, as required by Section 202 of the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such request to the Board Secretary at (619) 409-6703 at least forty-eight (48) hours before the meeting, if possible.

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Consideration to Award Annual Contracts for Water Treatment Chemicals

RECOMMENDATION

Staff recommends that the Governing Board award contracts to the lowest responsive bidders for water treatment chemicals as follows:

- \$36,500 to Brenntag Pacific, Inc., Santa Fe Springs, CA for Fluorosilicic Acid 23 – 25%;
- \$12,000 to Chemrite, Inc., Buford, GA for Sodium Fluoride 90 – 98%;
- \$29,500 to DuBois Chemicals, Inc. for Fluorosilicic Acid 23 – 25%;
- \$299,300 to Evoqua Water Technologies, LLC., Sarasota, FL for Sodium Chlorite 31%;
- \$25,000 to HASA, Inc., Spring Valley, CA for Sodium Hypochlorite 12.5%;
- \$31,100 to Hill Brothers Chemical Company, Brea, CA for Aqueous Ammonia 19%;
- \$33,700 to Industrial Solutions Services, Inc, Upland, CA for Liquid Ammonium Sulfate 40%;
- \$414,200 to JCI Jones Chemical, Inc., Torrance, CA (\$228,700 for Sodium Hypochlorite 12.5% and \$185,500 for Ton Chlorine Cylinders);
- \$10,500 to Karbonous, Inc., City of Industry, CA for Activated Carbon Powder;
- \$356,800 to Kemira Water Solutions, Inc., Lawrence KA (\$160,100 for Ferric Chloride 43% and \$196,700 for Ferrous Chloride 33%);
- \$390,900 to Polydyne Inc., Riceboro, GA for Cationic Polymer;
- \$293,300 to Univar Solutions USA LLC. Kent WA (\$22,700 for Ammonium Sulfate, \$6,400 for Citric Acid, \$253,900 for Sodium Hydroxide 50%, \$6,600 for Copper Sulfate, and \$3,700 for Aluminum Sulfate);

and direct the General manager to execute contracts and approve cost increases for any awarded water treatment chemical that may occur in the future that is within the General Manger's approval limit.

OVERVIEW

On April 3, 2025, the Authority issued a Request for Quote (RFQ) for Water Treatment Chemicals to be used in the operation of the Authority's water treatment facilities (Attachment 1). The RFQ was sent to all 37 suppliers indicated on the Authority's Chemical Vendor Mailing List (Attachment 2). In addition to reaching out to the 37 vendors directly, the Water Treatment Chemicals RFQ was advertised on planetbids.com.

The RFQ stated the contract would be awarded through a twelve (12) month period by individual line item(s). A minimum quantity was not guaranteed, although an estimated usage was provided for each item to assist in calculating the total bid price. The vendors were made aware the quantities provided were estimates only and may increase or decrease to meet the Authority's requirements during the contract period. Factors such as customer demand, source water quality, and local water availability would alter the quantities of chemicals needed.

The bid opening took place on April 24, 2025. 61 quotes were received for individual line items from 19 vendors in response to the RFQ. The quotes provided on the preliminary bid tabulation (Attachment 3) are shown as unit costs only (e.g., cost per pound of chemical). Staff reviewed the bid tabulations to determine the lowest responsive bids for each line item and/or chemical and calculated awards for each vendor based on estimated quantity of usage, summarized in Table 1 below.

Table 1

Vendor	Location	Chemical	Cost
Brenntag Pacific, Inc.	Santa Fe Springs, CA	Fluorosilicic Acid (23-25%)	\$36,500
Chemrite, Inc.	Buford, GA	Sodium Fluoride (90 – 98%)	\$12,000
DuBois Chemicals, Inc.	Nampa, ID	Fluorosilicic Acid (23-25%)	\$29,500
Evoqua Water Technologies, LLC.	Sarasota, FL	Sodium Chlorite 31%	\$299,300
HASA, Inc.	Spring Valley, CA	*Sodium Hypochlorite 12.5%	\$25,000
Hill Brothers Chemical Company	Brea, CA	Aqua Ammonia 19%	\$31,100
Industrial Solution Services, Inc.	Upland, CA	Liquid Ammonium Sulfate (LAS)	\$33,700
JCI Chemicals, Inc.	Torrance, CA	Sodium Hypochlorite 12.5%	\$228,700
		Ton Cylinders of Chlorine	\$185,500
Karbonous, Inc.	City of Industry, CA	Activated Carbon Powder	\$10,500
Kemira Water Solutions, Inc.	Lawrence, KA	Ferric Chloride 43%	\$160,100
		Ferrous Chloride 33%	\$196,700
Polydyne Inc.	Riceboro, GA	Cationic Polymer	\$390,900
Univar Solutions USA LLC.	Kent, WA	Ammonium Sulfate	\$22,700
		Citric Acid (Granular)	\$6,400
		Sodium Hydroxide 50%	\$253,900
		Copper Sulfate (Granular)	\$6,600
		Aluminum Sulfate 45-55%	\$3,700
Total Estimated Award			\$1,932,800

Chemical Supply and Cost

Outreach performed by staff to chemical suppliers indicated that the supply for chemicals has improved and that raw material and transportation costs have mostly stabilized; however, tariffs and the impacts they may create in the market were brought up as a concern by most vendors. Still, unit costs for several chemicals have dropped as compared to FY 2024-25 unit costs. (Attachment 4).

FISCAL IMPACT

The cost of the combined contracts is estimated to be \$1,932,800, with funding to be included in the FY 2025-26 Budget.

OPTIONS

1. Award contracts to the lowest responsive bidders for water treatment chemicals as follows:

- \$36,500 to Brenntag Pacific, Inc., Santa Fe Springs, CA for Fluorosilicic Acid 23 – 25%
- \$12,000 to Chemrite, Inc., Buford, GA for Sodium Fluoride 90 – 98%
- \$29,500 to DuBois Chemicals, Inc. for Fluorosilicic Acid 23 – 25%
- \$299,300 to Evoqua Water Technologies, LLC., Sarasota, FL for Sodium Chlorite 31%
- \$25,000 to HASA, Inc., Spring Valley, CA for Sodium Hypochlorite 12.5%
- \$31,100 to Hill Brothers Chemical Company, Brea, CA for Aqueous Ammonia 19%
- \$33,700 to Industrial Solutions Services, Inc, Upland, CA for Liquid Ammonium Sulfate 40%
- \$414,200 to JCI Jones Chemical, Inc., Torrance, CA (\$228,700 for Sodium Hypochlorite 12.5% and \$185,500 for Ton Chlorine Cylinders)
- \$10,500 to Karbonous, Inc., City of Industry, CA for Activated Carbon Powder
- \$356,800 to Kemira Water Solutions, Inc., Lawrence KA (\$160,100 for Ferric Chloride 43% and \$196,700 for Ferrous Chloride 33%)
- \$390,900 to Polydyne Inc., Riceboro, GA for Cationic Polymer
- \$293,300 to Univar Solutions USA LLC. Kent WA (\$22,700 for Ammonium Sulfate, \$6,400 for Citric Acid, \$253,900 for Sodium Hydroxide 50%, \$6,600 for Copper Sulfate, and \$3,700 for Aluminum Sulfate)

and direct the General Manager to execute contracts and approve cost increases for any awarded water treatment chemical that may occur in the future that is within the General Manger's approval limit.

2. Other direction as determined by the Governing Board.

Staff Contact:

Carlos Quintero, General Manager

Justin Brazil, Director of Department

Giovanni Outlaw, Water Treatment Superintendent

SUPPORTING INFORMATION

Attachments

1. Water Treatment Chemicals – RFQ
2. Chemical Vendor Mailing List
3. Preliminary Bid Tabulation
4. FY 2024-25 and FY 2025-26 unit price comparison
5. Presentation- Consideration to Award Annual Contract for Water Treatment Chemicals

Strategic Plan

Strategic Plan Goal 1: Water Quality (WQ) – Provide high quality water that meets regulatory requirements.

Past Board Action

June 26, 2024

The Governing Board awarded contracts to the lowest responsive bidders for water treatment chemicals as follows: \$36,000 to Airgas Specialty Products, Inc., Lawrenceville, GA for Aqueous Ammonia 19%; \$338,900 to Brenntag Pacific, Inc., Santa Fe Springs, CA (\$10,400 for Ammonium Sulfate, \$31,300 for Liquid Ammonium Sulfate 40%, \$226,100 for Sodium Hydroxide 50%, \$66,800 for Fluorosilicic Acid 23-25%, and \$4,300 for Aluminum Sulfate 45-55%); \$144,500 to California Water Technologies, LLC., Santa Fe Springs, CA for Ferric Chloride 43%; \$17,600 to Chemrite, Inc., Buford, GA (\$12,500 for Citric Acid and \$5,100 for Copper Sulfate); \$281,800 to Evoqua Water Technologies, LLC., Sarasota, FL for Sodium Chlorite 31%; \$51,600 to HASA, Inc., Spring Valley, CA for Sodium Hypochlorite 12.5%; \$431,100 to JCI Jones Chemical, Inc., Torrance, CA (\$168,400 for Sodium Hypochlorite 12.5% and \$262,700 for Ton Chlorine Cylinders); \$9,000 to Karbonous, Inc., City of Industry, CA for Activated Carbon Powder; \$546,500 to Nalco Company LLC, Los Alamitos, CA for Cationic Polymer; \$240,100 to Pencco, Inc., San Felipe, TX for Ferrous Chloride 33%; \$8,200 to Univar Solutions USA, Inc., Kent, WA for Sodium Fluoride 90-98%; directed staff to execute contracts, and authorized the General Manager to approve cost increases for any awarded water treatment chemical that may occur in the future that is within the General Manger's approval limit.



Sweetwater Authority Notice

Request for Quote No.: S2025-06

For: Water Treatment Chemicals

Bid Release Date:

April 3, 2025

Question Deadline:

April 15, 2025, by 11:00 A.M.

Bids Due:

April 24, 2025, by 2:00 P.M.

SWEETWATER AUTHORITY

Sweetwater Authority (Authority) is a publicly owned water agency that provides water service to customers in National City, Bonita and the western and central portions of Chula Vista, California. All provisions of law applicable to public contracts will be made part of the final contract to the same extent as though set forth herein, and will be complied with by the successful bidder. Sweetwater Authority encourages participation by local, small and/or disadvantaged businesses/contractors/vendors.

THE DESIRED SERVICE

The Authority is soliciting bids to establish requirement contracts for water treatment chemicals. Chemicals must be in compliance with the most current American Water Works Association (AWWA) standard for each particular chemical listed. A certified weight master's certificate shall be included at the time of delivery. The Authority requires that National Sanitation Foundation (NSF)-60 or Underwriter Laboratories (UL) be stamped directly on the delivery paperwork. The Authority will be accepting quotes for a 12-month contract.

SCOPE OF WORK

It is estimated that the following chemicals will be required in the operation of the Robert A. Perdue Water Treatment Plant (PWTP), Richard A. Reynolds Desalination Facility (RDF), National City Wells (NCW), and Residual Control System (RCS) locations. It should be noted that the weights are based on "Solution" weight not actual active ingredients; except where a dry ton unit of measure is indicated. The estimates are provided for the sole purpose of comparing offers.

Quantities listed may be increased or decreased to meet the requirements of the Authority during the period of performance. A minimum quantity is not guaranteed.

BID ITEM	PRODUCT	RCS-2	RCS-1	PWTP	RDF	NCW	U/M
1	Cationic Polymer (20% DADMAC)			623,700			LB
2	Ammonium Sulfate					19,200	LB
3	Chlorine (1 Ton Cylinders)			98			Ton
4	Ferric Chloride 43% (Typical)			108			DT
5	Sodium Hypochlorite 12.5%	12,000	4,000		91,600	26,023	GAL
6	Aqua Ammonia 19.0%			24,400			GAL
7	Liquid Ammonium Sulfate 40%				20,000		GAL
8	Sodium Hydroxide 50 %			223	74		DT
9	Ferrous Chloride (28-32%)			124			DT
10	Activated Carbon Powder			9,000			LB
11	Aluminum Sulfate 45-55%				6,600		LB
12	Sodium Chlorite 31%			337,500			LB
13	Fluorosilicic Acid (23-25%)			100,800	105,600		LB
14	Sodium Fluoride (90-98%)					6,200	LB
15	Citric Acid (Granular)			2,000	6,000		LB
16	Copper Sulfate (Large Granular Crystals ½ - ¾")			2,000			LB

Other Requirements

Chemical suppliers shall conform to current AWWA standards, for the chemicals listed, except as modified herein. All chemicals must have an appearance as described in their corresponding Safety Data Sheet.

NSF Certification

The Authority requires all chemicals listed to carry NSF60 Certification, and requires that NSF or UL be stamped directly on the delivery paperwork. Chemicals proposed for sale shall be listed in the most recent UL or NSF directory at the time of bid awarding otherwise this will constitute ground for bid rejection.

Emergency Spill Plan

Suppliers shall furnish their Emergency Spill Plans for dealing with accidents or spills while on the Authority's property during offloading activities, with their bid submittal. This plan should include, at a minimum, the annual training the driver receives to deal with material spills, emergency equipment the delivery truck has on board, the type and frequency of equipment inspections, and emergency contact telephone numbers and names of personnel that the Authority can contact in case of emergency/problems. It should be noted that the Authority or its appointed representative shall reserve the right to visit the Bidder and view their safety and accident program after reasonable notice has been given.

Spillage

All discharge connections and hose end connections on the delivery truck shall be plugged, capped, blind- flanged, or contained to prevent any spillage of chemical. The contractor and the cargo trailer operator shall be responsible for cleanup of all spillage, contaminated matter, and the removal of all contaminated cleanup matter. The contractor will be notified immediately of any spillage which is not cleaned up by the cargo trailer operator.

Any spillage not cleaned up within 4 hours of notification will be cleaned up by the Authority Staff at a minimum charge of \$150 per hour. This fee, along with any environmental disposal fees, shall be billed to the contractor.

Safety

All goods and service furnished shall meet or exceed the standards established by California Occupational Safety and any other applicable, Federal, State, and local laws, regulations, and ordinances.

The truck driver shall wear the appropriate protective face and body apparel, as required by California Occupational Safety and Health Act, when unloading chemicals.

Packaging

Packaging must be of sufficient quality and strength to adequately protect the goods against jolting, rough handling, accidents, and all other dangers inherent in the movement, handling, transportation, and storage of the goods.

Activated Carbon Powder should be pre-packaged in individual packages not to exceed 50 pounds. Packages shall be delivered on shrink wrap pallets in good condition. Total weight limit per pallet is 2,000 pounds. The delivery truck must have a lift and pallet jack. NSF – 61 certification is acceptable for this product. Typical mesh size for this product has been -325 US mesh of the bituminous type.

Aluminum Sulfate 45-55% (SG ~1.33) is to be packaged in 250-gallon totes. Due to the location of delivery, a forklift is not available to off load. Delivery trucks must be equipped with a lift and pallet jack that can handle the weight of the tote. Pump off deliveries are also acceptable but supplier must

have the capability to provide pump off deliveries at a volume of 250 – 500 gallons.

Citric Acid (Granular) must be prepackaged in individual packages not to exceed 50 pounds. Packages shall be delivered on shrink wrap pallets in good condition. Total weight limit per pallet is 2,000 pounds. The delivery truck must have a lift and pallet jack, as a forklift is not available at all locations.

Chlorine 1 Ton Cylinders must be delivered at the chlorine vapor pressure (See Figure 1 Below). Cylinders may not contain any additional pressure (padding) from the packaging process (for example, from dry air or nitrogen). All cylinders delivered must be labeled “SW” (or agreed upon demarcation) on the actual cylinder and delivery paperwork to indicate special precautions were taken to ensure the cylinders were packaged at the chlorine vapor pressure.

Copper Sulfate (Large Granular Crystals ½ - ¾”) must be prepackaged in individual packages not to exceed 50 pounds. Packages shall be delivered on shrink wrap pallets in good condition. Total weight limit per pallet is 2,000 pounds. The delivery truck must have a lift and pallet jack.

Sodium Fluoride (90-98%) must be prepackaged in individual packages not to exceed 50 pounds. Packages shall be delivered on shrink wrap pallets in good condition. Total weight limit per pallet is 2,000 pounds. The delivery truck must have a lift and pallet jack, as a forklift is not available at this location.

Sodium Hypochlorite (12.5%) being delivered to the RCS must have the capability to provide pump off deliveries at a volume of 150 – 200 gallons for RCS-1 and 500 - 950 gallons for RCS-2.

Normal Delivery Quantities

The following information is provided to help with pricing. These are the normal quantities in which deliveries will be requested; however, quantities may increase or decrease to meet the requirements of the Authority. Material will be ordered as needed for each location and cannot be combined in the same shipment. Quoted cost based on a minimum quantity per delivery or per contact will not be allowed and may deem the proposal as non-responsive.

BID ITEM	PRODUCT	RCS-2	RCS-1	PWTP	RDF	NCW
1	Cationic Polymer (20% DADMAC)			3,500 Gal.		
2	Ammonium Sulfate					2,000 lbs.
3	Chlorine (1 Ton Cylinder)			16,000 lbs.		
4	Ferric Chloride 43% (Typical)			3,850 Gal.		
5	Sodium Hypochlorite 12.5%	500 – 950 Gal.	150-200 Gal.		4,000 Gal.	2,000 Gal.
6	Aqua Ammonia 19.0%			4,000 Gal.		
7	Liquid Ammonium Sulfate 40%				2,800 Gal.	
8	Sodium Hydroxide 50%			4,000 Gal.	2,000 Gal.	
9	Ferrous Chloride			3,000 Gal.		
10	Activated Carbon Powder			2,000 lbs.		
11	Aluminum Sulfate				500 Gal.	
12	Sodium Chlorite 31%			4,000 Gal.		
13	Fluorosilicic Acid (23-25%)			4,000 Gal.	1,800 Gal.	
14	Sodium Fluoride (90-98%)					2,000 lbs.
15	Citric Acid (Granular)			2,000 lbs.	2,000 lbs.	
16	Copper Sulfate (Large Granular Crystals ½ - ¾”)			2,000 lbs.		

Delivery Requirements

Deliveries will be independent of each other.

Delivery is to be made within three (3) to five (5) business days following a confirmed request for each delivery.

Deliveries are to arrive upon scheduled delivery dates. Authority facilities are unable to accommodate overnight occupancy for truck, trailer, and driver. Compressed air will not be available at Authority facilities.

Hours of Delivery for the PWTP, RDF, RCS (1 & 2), and NCW are Monday through Friday, 8:00 A.M. to 1:00 P.M. Deliveries to these facilities must be preceded by a phone call to the Perdue Water Treatment Plant Operator at (619) 409-6800, one hour prior to arrival. These facilities may be unstaffed and may require an Operator to be dispatched to accept the delivery.

Delivery vehicles must be equipped to allow (if requested) the driver to safely provide samples of the material, before offloading. If samples cannot be pulled safely during delivery, upon approval, samples may be mailed in Department of Transportation (DOT) Tamperproof packaging at the time the order is placed. The Authority does not have a sample port for collecting samples.

Delivery is to be made to:

PWTP

Sweetwater Authority
Perdue Water Treatment Plant
100 Lakeview Avenue
Spring Valley, CA 91977

RCS-1

Sweetwater Authority
Residual Control System
1441 Manchester Street
National City, CA 91950

RCS-2

Sweetwater Authority
Residual Control System
3410 Randy Lane
Chula Vista, CA 91910

RDF

Sweetwater Authority
Reynolds Desalination Facility
3066 North 2nd Avenue
Chula Vista, CA 91910

NCW

Sweetwater Authority
National City Wells
Palm Ave & Hwy. 805
National City, CA 91950

RCS-1 and RCS-2 facilities are logistically restricted and hinder the ability for full size tanker trucks to provide deliveries at these locations. Therefore, smaller tanker trucks are required at these sites.

A certified weight master's certificate shall be included at the time of delivery prior to offloading, containing the weight of the material being off loaded. Split chemical deliveries will not be allowed unless requested and/or pre-approved by the Authority.

Suppliers shall supply a Certificate of Analysis (COA) of product with each delivery. **At a minimum the COA should contain the following information; chemical name, % strength, specific gravity, chemical weight, and indicate that the chemical is NSF 60 or UL approved.**

Qualifications

Bids will be considered only from manufacturers or their authorized distributors. The authorized distributors must regularly maintain a substantial stock of the chemical bid upon and must be actively engaged in the sale of the chemical. A representative of the Authority may examine such stock and facilities at any time either before award is made or during the life of the contract. The Authority reserves the right to pre-qualify new suppliers as to the effectiveness of product at specified dosages and price.

INSTRUCTIONS TO BIDDER

Questions

All questions concerning the bid specification or scope of work must be submitted through PlanetBids, and received by **11:00 A.M. on April, 15 2025.**

All questions will be answered in writing through PlanetBids. Both questions and answers may be distributed, without identification of the inquirer(s), to all Bidders who are on record as having received this RFQ via an addendum through PlanetBids. Questions and requests received after the question deadline will be received at the discretion of the Authority and may not be considered.

Bid Addendums

Do not rely on any oral or telephonic changes or modifications. All changes and modifications will be confirmed in writing by the Authority through PlanetBids. Bidders should check the Authority's PlanetBids portal to obtain copies of addendums and forms.

Bid Opening

Late bids will not be considered.

Bid Submittal: Bids must be submitted via the Authority's PlanetBid's portal no later than 2:00 P.M. PDT on April 24, 2025. Please note the following:

- The response must be in pdf format, and include scanned copies of all pages with required signatures present.
- Response should be uploaded in advance of the response deadline. Time stamp on the file received by the system will be used to determine whether the response was submitted on time.
- The PlanetBid system will REQUIRE you to set up an account by providing a valid email address. This email address must be validated by the system before it will allow you to upload your response document. Please plan accordingly.
- The email address used to register for the PlanetBid system to submit the response will receive a confirmation email when the file is first accessed by Authority staff.

Proposal Forms

Proposals must be submitted on the forms supplied in this RFQ.

Please note: The original RFQ or a copy of the RFQ does not need to be returned with the proposal, unless exceptions or comments are noted within the document.

Proposals submitted in response to this RFQ shall include:

➤ Bidder Response Section:

Complete and return the Bidder Response Section. The Bidder Response Section must be signed by the officer or officers legally authorized to bind the company, partnership, or corporation. All responses must be typewritten. Mistakes must be crossed out, corrections inserted adjacent thereto, and initialed by the person signing the quotation.

Provide references for three (3) current customers on the attached "Statement of Bidder's Qualifications" form; include the name of company, contact information, and chemicals supplied.

➤ **Evidence of Insurance:**

If not already on file with the Authority, include proof of insurance for all insurance coverage required by the Purchase Contract. Original certificates naming the Authority as additionally insured will be required upon award of contract.

➤ **Safety Data Sheet(s)**

Include a current Safety Data Sheet (SDS) for the product(s) being bid on.

➤ **Emergency Spill Plan:**

Bidder shall provide a copy of their Emergency Spill Plans for dealing with accidents or spills while on the Authority's property during offloading activities.

➤ **New Supplier Information:**

New suppliers shall complete and return a W-9 and Sweetwater Authority Vendor Profile form.

Withdrawal of Proposal

A bidder may withdraw or revise (by withdrawal of one bid and timely submission of another) a bid, provided that the bidder's request for withdrawal is received through PlanetBids. Revised bids must be submitted as specified herein.

Bid Validity

Proposals/bids are valid for ninety (90) days from solicitation closing date.

Pricing

Prices are firm fixed for the term of the Purchase Order. Prices offered shall be inclusive of all applicable taxes (excluding sales tax), fees, surcharges, and delivery charges. Transportation and fuel surcharges shall not be charged during the term of the contract.

The Authority is tax exempt for the following chemicals:

Ammonium Sulfate, Aqua Ammonia 19%, Chlorine, Fluorosilicic Acid 23-25%, Liquid Ammonium Sulfate 40%, Sodium Chlorite 31%, Sodium Fluoride 90-98%, Sodium Hydroxide 50%, and Sodium Hypochlorite 12.5%.

All Prices quoted must be freight on board (FOB): Delivery location

Bid price for chemicals shall be given both in dry or solution weights as appropriate. If unit price and total amount provided by the bidder for any item are not in agreement, the unit price alone shall be considered and the totals shall be corrected to conform thereto.

Evidence of Responsibility

Upon request by the Authority, a bidder shall submit promptly to the Authority's satisfaction, evidence showing the bidder's financial resources, experience, qualifications, available organizational resources, and any other information or qualifications that may be required to determine the bidder's responsibility, ability, and capability to perform under any resulting contract.

Bid Results

Bid results **will not** be given out over the phone or by email. Bid results will be provided through PlanetBids.

Contract Period: A twelve (12) month contract will be awarded.

Basis of Award

If an award is made, the award(s) will be by individual line item, to the lowest responsible and responsive bidder, for each line item based on the following:

- The total annual cost associated with the offered product delivered.
- The product that best meets the Authority's needs; past performance of vendors who have previously contracted with the Authority and feedback from references provided in the Statement of Bidder's Qualifications will be taken into consideration at the sole discretion of the Director of Water Quality.

Contract Documents

The contract documents will consist of this RFQ; the successful bidders completed and signed Bidder's Response Section; Certificate of Insurance; and the Purchase Order with the Authority's Terms and Conditions.

Method of Ordering

Upon award, the parties will execute the Purchase Order. Do not make any deliveries until directed to do so by the Authority's Water Quality Staff or a designated representative. Release of the chemical and deliveries will be scheduled as required.

Billing Requirement

The Authority expects to be invoiced separately for each delivery. Invoices shall be fully itemized, and provide sufficient information for approving payment and audit. When appropriate, conversion information (pounds to gallons) should be provided on the invoice for verification of cost.

Invoices are to be forwarded to: Sweetwater Authority
505 Garrett Avenue
Chula Vista, CA 91910
Attention: Accounts Payable

Electronic invoices and statements shall be emailed to: payables@sweetwater.org

Payment Terms: Invoices will be paid within thirty (30) days from date of acceptance of service, or receipt of invoice, whichever occurs later.

Right to Waive or Reject

The Authority reserves the right to reject any or all proposals/bids or to waive any minor irregularities in any proposal/bid or in the bidding process. The Authority reserves the right to cancel, in whole or in part, this RFQ. This RFQ does not commit the Authority to award a contract, to defray any costs incurred in the preparation of a Quotation, or to procure or contract for work. This inquiry implies no obligation to buy. The right is reserved to accept all or part, or decline the whole. Do not quote on goods or services that you cannot supply or provide. When substitutes are allowed and offered, attach complete specifications.

Figure 1

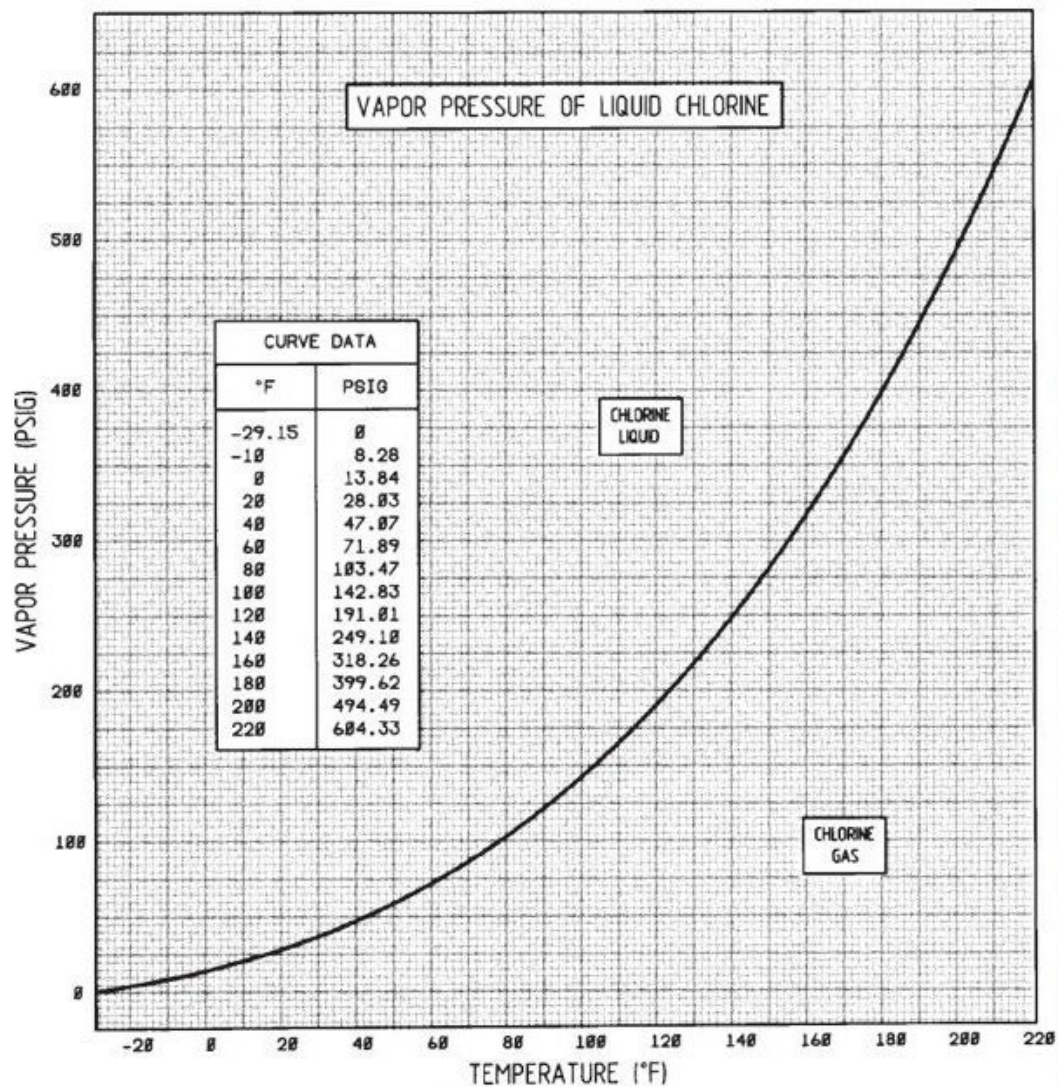


Figure 1 – Chlorine Pressure vs Temperature

SOURCE: THE CHLORINE MANUAL, FIFTH EDITION, PUBLISHED BY THE CHLORINE INSTITUTE, INC.

BIDDER RESPONSE SECTION

RFQ: S2025-06 Water Treatment Chemicals

For: FURNISHING AND DELIVERING A REQUIREMENT OF CHEMICALS

The undersigned hereby offers to furnish and deliver chemicals according to the attached bidding document, for the following price.

F.O.B.
Sweetwater Authority
Perdue Water Treatment
100 Lakeview Avenue
Spring Valley, CA 91977

F.O.B.-1
Sweetwater Authority
Residual Control System
1441 Manchester Street
National City, CA 91950

F.O.B.-2
Sweetwater Authority
Residual Control System
3410 Randy Lane
Chula Vista, CA 91910

F.O.B.
Sweetwater Authority
Reynolds Desalination Facility
3066 North 2nd Avenue
Chula Vista, CA, 91910

F.O.B.
Sweetwater Authority
National City Wells
Palm Ave & HYW 805
National City, CA 91950

Date: _____ Name of Company: _____

Address: _____ Signature: _____

Name (please print) _____

Title: _____

Phone Number: _____

Fax Number: _____ E-Mail: _____

Sales Representative:

Contact Name: _____ Phone Number: _____

E: Mail: _____ Fax Number: _____

Ordering Information:

Contact Name: _____ Phone Number: _____

E: Mail: _____ Fax Number: _____

Billing Information:

Contact Name: _____ Phone Number: _____

E-Mail: _____ Fax Number: _____

BID	CHEMICAL	DELIVER	PRICE QUOTED	ADDITIONAL INFORMATION
#1	Cationic Polymer 20%	PWTP	Pound:	
#2	Ammonium Sulfate	NCW	Pound:	Pounds per Bag: Bags per Pallet:
#3	Chlorine (1 Ton Containers)	PWTP	Ton:	Drum Deposit:
#4	Ferric Chloride 43% (Typical)	PWTP	Dry Ton:	
#5A	Sodium Hypochlorite 12.5%	RDF	Gallon:	
#5B	Sodium Hypochlorite 12.5%	NCW	Gallon:	
#5C	Sodium Hypochlorite 12.5%	RCS - 1	Gallon:	
#5D	Sodium Hypochlorite 12.5%	RCS - 2	Gallon:	
#6	Aqua Ammonia 19.0%	PWTP	Gallon:	
#7	Liquid Ammonium Sulfate 40%	RDF	Gallon:	
#8A	Sodium Hydroxide	PWTP	Dry Ton:	Gallon of Solution 50%:
#8B	Sodium Hydroxide	RDF	Dry Ton:	Gallon of Solution 50%:
#9	Ferrous Chloride	PWTP	Dry Ton:	
#10	Activated Carbon Powder	PWTP	Pound:	Pounds per Bag: Bags per Pallet:
#11	Aluminum Sulfate 45-55%	RDF	Pound:	
#12	Sodium Chlorite 31%	PWTP	Pound:	
#13	Fluorosilicic Acid (23-25%)	PWTP	Pound:	Gallons of Solution 23-25%:
#13	Fluorosilicic Acid (23-25%)	RDF	Pound:	Gallons of Solution 23-25%:
#14	Sodium Fluoride (90–98%)	NCW	Pound:	Pounds per Bag: Bags per Pallet:
#15A	Citric Acid (Granular)	RDF	Pound:	Pounds per Bag: Bags per Pallet:
#15B	Citric Acid (Granular)	PWTP	Pound:	Pounds per Bag: Bags per Pallet:
#16	Copper Sulfate (Large Granular Crystals ½ - ¾")	PWTP	Pound:	Pounds per Bag: Bags per Pallet:

Company Name: _____ Phone No.: _____

Authorized Agent: _____ Signature: _____ Email: _____

STATEMENT OF BIDDER'S QUALIFICATIONS

The following statements, as to the experience and qualifications of the Bidder, are to be submitted with the Bid, as a part thereof. The truthfulness and accuracy of the information is guaranteed by the Bidder.

Company Name: _____

The Bidder has been engaged in the business, under the present business name for _____ years.

Experience in work of a nature similar to that covered in the Scope of Work extends over a period of _____ years.

The Bidder has successfully completed the following contracts in the last three years, which are similar in nature and magnitude of this project.

Company Name: _____

Contact Name: _____

Contact e-mail: _____

Contact Phone Number: _____

Chemical Supplied: _____

Contract Amount: _____ Contract Dates: _____

Company Name: _____

Contact Name: _____

Contact e-mail: _____

Contact Phone Number: _____

Chemical Supplied: _____

Contract Amount: _____ Contract Dates: _____

Company Name: _____

Contact Name: _____

Contact e-mail: _____

Contact Phone Number: _____

Chemical Supplied: _____

Contract Amount: _____ Contract Dates: _____

TERMS AND CONDITIONS AND INSURANCE REQUIREMENTS

1. **Purchase Order:** These terms and conditions govern the implementation of the purchase order to which they are attached ("Purchase Order"). In the case of any conflict between the Purchase Order, these terms and conditions, and any attachments incorporated herein by reference, these terms and conditions shall govern. The Purchase Order, these terms and conditions and any attachments incorporated herein are sometimes referred to herein as the "Contract".
2. **Definitions:** As used herein, "Goods" shall mean and refer to all articles, items, parts, materials, goods, supplies, or products, and any associated labor or services, furnished by Supplier. As used herein, "Services" shall mean all work or services furnished by Supplier.
3. **Acceptance/Inspection:** Goods or Services shall be exactly as specified in the Purchase Order, free from all defects in design, workmanship and materials and are subject to inspection and testing by Authority or its authorized representative. Delivery does not constitute acceptance. Authority may reject nonconforming Goods or Services, or exercise any other right specified herein related to nonconforming Goods or Services.
4. **Prices:** Unless expressly provided otherwise, all prices and fees specified in the Purchase Order are firm and shall not be subject to change without the written approval of Authority. No extra charges of any kind will be allowed unless specifically agreed to in writing by Authority's authorized representative. Unless otherwise specified herein, the total price shall include (i) all federal, state and local sales, use, excise, privilege, payroll, occupational and other taxes applicable to the Goods or Services furnished to Authority hereunder; and (ii) all charges for packing, freight and transportation to destination.
5. **Payment:** The time period allowed for payment as indicated on the Purchase Order shall commence upon receipt of Supplier's invoice or upon receipt of the Goods or performance of the Services, whichever is later, and approval by Authority of the invoice. All shipping documents and invoices must reference Authority Purchase Order number in order to be processed. Orders delivered directly to job sites may require proof of delivery prior to payment. Acceptable proof is a signed packing slip acknowledging delivery. Payments otherwise due may be withheld by Authority on account of defective Goods or Services not remedied, liens or other claims filed, reasonable evidence indicating probable filing of liens or other claims, failure of Supplier to make payments properly to its subcontractors or for material or labor, the failure of Supplier to perform any of its other obligations under the Contract, or to protect Authority against any liability arising out of Supplier's failure to pay or discharge taxes or other obligations. If the causes for which payment is withheld are removed, the withheld payments will be made promptly. If the said causes are not removed within a reasonable period after written notice, Authority may remove them at Supplier's expense.
6. **Schedule; Liquidated Damages:** The time of Supplier's performance is of the essence for this Contract. The Goods or Services shall be delivered in accordance with any schedule set forth in the Purchase Order. Supplier must immediately notify Authority in writing any time delivery is behind schedule or may not be completed on schedule. If delivery does not occur on schedule it is understood that Authority will suffer damage. It being impractical and infeasible to determine the amount of actual damage, it is agreed that Supplier shall pay to Authority, as liquidated damages not as a penalty, the sum of one hundred (\$100.00) dollars per day for each and every calendar day delay in finishing the Contract and/or failing to deliver the Goods or completing the Services.
7. **Packaging:** Packaging must be of sufficient quality and strength to adequately protect the Goods against jolting, rough handling, accidents, and all other dangers inherent in the movement, handling, transportation, and storage of the Goods.
8. **All Shipments are F.O.B. Delivered:** Supplier assumes full responsibility for all transportation, transportation scheduling, packing, handling, insurance, and other services associated with delivery of all Goods under the Contract.
9. **Title:** Supplier warrants that all Goods and Services are free and clear of all liens and encumbrances whatsoever, and that Supplier has a good and marketable title to same, and Supplier agrees to hold Authority free and harmless against any and all claimants to the Goods. Title to the Goods purchased hereunder shall pass to the Authority at the F.O.B. point designated on the Purchase Order, subject to the right of Authority to reject upon inspection.
10. **Material Safety Data Sheets (MSDS):** Supplier shall provide a MSDS for any and all Goods that contain hazardous substances as defined by Cal OSHA. Supplier shall indemnify and hold harmless Authority from and against all losses costs, fees, liabilities and damages that Authority may suffer as a result of Supplier's failure to comply with the above requirement.
11. **AWWA Standards and Approved Materials List:** As applicable, Goods must meet or exceed AWWA specifications and be listed in Sweetwater Authority's Approved Materials List - revised November 2008 ("Approved List") which is incorporated herein and made a part hereof by this reference. The Approved List can be obtained by calling the Authority Engineering at 619-420-1413 or Purchasing at 619-409-6872.
12. **Markings on Fittings:** All ductile-iron fittings shall have distinctly cast on the outside of the body the identity of the standard; the pressure rating; nominal diameter of the openings; manufacturer's identification; the country where cast; the letters DI or word "Ductile"; and the number of degrees or fraction of the circle on all bends.
13. **Assembly Bill 1953:** All bronze components in contact with potable water shall be low lead in accordance with Assembly Bill 1953 (AB1953), excluding service saddles, backflow preventers for non-potable service, such as irrigation and industrial, and water distribution main gate valves that are greater than two inches.
14. **Artwork, Designs, Etc.:** If the Goods or Services are to be produced by Supplier in accordance with designs, drawings or blueprints furnished by Authority, Supplier shall return same to Authority upon completion or cancellation of this Contract. Any materials, equipment, tools, artwork, designs or other properties furnished by Authority or specifically paid for by Authority shall be Authority's property.
15. **Warranty and Quality Inspection:** Supplier warrants that all Goods furnished shall be new, unused, and free from defects and of a good quality for a period of one year, or such longer period as provided by a manufacturer's warranty. Goods shall conform to drawings and/or specifications and shall be merchantable quality and fit for the purpose for which purchased, and shall be at all times subject to Authority's inspection; but neither Authority's inspection nor failure to inspect shall relieve Supplier of any obligation hereunder. Supplier further warrants that any Services provided hereunder will be performed in a professional and

workmanlike manner and in accordance with the highest industry standards. If, in Authority's opinion, any Goods or Services fail to conform to specifications or are otherwise defective, Supplier shall, immediately after receiving notice from Authority, at the option of Authority, and at Supplier's own expense and without cost to Authority: (i) repair the defective Goods or Services; (ii) replace the defective Goods or Services with conforming Goods or Services, F.O.B. Authority's plant, office or other location of Authority where the Goods or Services were originally performed or delivered; or (iii) repay to Authority the purchase price of the defective Goods or Services. If Authority selects repair or replacement, any defects will be remedied without cost to Authority, including but not limited to, the costs of removal, repair and replacement of the defective Goods or Services, and reinstallation of new Goods or Services. All such defective Goods or Services that are so remedied will be similarly warranted as stated above. In addition, Supplier will repair or replace other items of the Goods or Services which may have been damaged by such defects or the repairing of the same, all at its own expense and without cost to Authority. No acceptance or payment by Authority shall constitute a waiver of the forgoing, and nothing herein shall exclude or limit any warranties implied by law.

16. **Site Maintenance.** The site of any installation work related to Goods or where Services are performed shall be kept clean and free of hazards at all times during use thereof by Supplier. After any installation of Goods or completion of Services, as applicable, Supplier shall clean the surrounding area to its prior condition.
17. **Changes:** Authority may make changes, at any time, to the Goods or Services, including but not limited to, Authority's requirements and specifications, by giving written notification to Supplier. If such changes affect the cost of or the time to deliver or perform under this Contract, an equitable adjustment in price, delivery, or both will be made. No changes by Supplier shall be recognized unless agreed to in writing by an authorized agent of Authority. Any claims of Supplier for an adjustment in price, delivery, or both must be made in writing within fifteen (15) calendar days from the date of notification by Authority, or shall be waived. Under no circumstance should Supplier stop performance of this Contract as changed. Any change in the price necessitated by such change will be agreed upon between Authority and Supplier and such change will be authorized by a change order document signed by Authority and accepted by Supplier.
18. **Termination:**
 - A. **Convenience:** With written notice stating the extent and effective date, Authority may terminate this Contract, in whole or in part, for convenience at any time without any further cost to Authority except for Goods or Services provided prior to the effective date of termination.
 - B. **Default:** If Supplier is in default of or willfully violates any of the conditions or covenants of this Contract, including refusal or failure to prosecute its obligations or any separable part thereof with diligence and in accordance with the schedule specified by the Purchase Order, or if Supplier should be adjudged a bankrupt, or if Supplier should make a general assignment for the benefit of Supplier's creditors, or if a receiver should be appointed on account of Supplier's insolvency, or Supplier or any of Supplier's subcontractors should violate any of the provisions of this Contract, Authority may serve written notice upon Supplier of Authority's intention to terminate this Contract. This notice of intent to terminate shall contain the reasons for such intention to terminate this Contract, and a statement to the effect that Supplier's right to perform this Contract shall cease and terminate upon the expiration of ten (10) days unless such violations have ceased and arrangements satisfactory to Authority have been made for correction of said violations. In such an event, Authority may:
 1. Require immediate delivery of conforming Goods or require Supplier to repair nonconforming Goods or re-perform nonconforming Services at Supplier's own expense to bring nonconforming Goods or Services into conformance;
 2. Rework the nonconforming Goods or Services with Authority's staff or authorized representatives, including other contractors, to bring the Goods or Services into conformance and reduce the price paid to Supplier by Authority's cost;
 3. Seek reimbursement or deduct from any payments due for any additional cost incurred including staff time to locate conforming Goods or Services, or otherwise related to Supplier's default.In addition to the above remedies, Authority may seek any other legal remedies available to it.

19. **Patent Indemnity:** Supplier agrees to indemnify Authority, its officers, board members, employees, and authorized volunteers against liability of any kind including the costs and expenses incurred for the use of any invention or discovery and for the infringement of any patent occurring in the performance of this Contract or arising by reason of the use or disposal by or for the account of Authority of Goods manufactured or supplied under this Contract, except items manufactured to detailed specifications supplied by Authority.
20. **Assignment/Subcontracting/Independent Contractor Status:** No performance of this Contract or any portion thereof may be assigned or sub-contracted by the Supplier without the express written consent of Authority, which may be withheld for any reason. Any attempt by Supplier to assign or sub-contract any performance of this Contract without the express written consent of Authority shall be invalid and shall constitute a breach of this Contract. Supplier is retained as an independent contractor and is not an employee of Authority. No employee or agent of Supplier shall be considered an employee of Authority. Authority shall not be obligated in any way to pay any wage claims or other claims made against Supplier by any such employees, agents, or any other person resulting from performance of this Contract.
21. **Safety:** All Goods and Services shall comply with all Federal, State and local safety rules and regulations including OSHA.
22. **Prevailing Wages:** Pursuant to prevailing wage, Supplier shall pay Supplier's employees and subcontractors the prevailing wage for any and all "public works" and "maintenance projects" as defined in Labor Code Section 1720, et seq., and 1770, et seq., as well as California Code of Regulations, Title 8, Section 16000, et seq., performed in connection with this Contract. Supplier shall indemnify, defend, hold harmless Authority, its officers, agents, employees and volunteers from all fines, suits, procedures, claims and actions of every kind, and all costs associated therewith arising out of or in any way connected with Supplier's failure to pay prevailing wage. Prevailing wage shall be as determined by the Director of the Department of Industrial relations in accordance

with the standards set forth in Section 1770 et SEQ. of the Labor Code. Pursuant to labor code Section 1771, prevailing wages do not apply to jobs under \$1,000.

23. **Compliance with Law:** Supplier warrants that it will comply with all federal, state, and local laws, ordinances, rules and regulations applicable to its performance under this Contract and procure all permits and licenses, pay all charges and fees.
24. **Indemnification:** Supplier shall defend, indemnify and hold the Authority, its elected officials, officers, employees, and agents free and harmless from any and all claims, demands, causes of action, costs, expenses, liability, loss, damage or injury, in law or equity, to property or persons, including wrongful death, in any manner arising out of or incident to any alleged acts, omissions, negligence or willful misconduct of Supplier, its officials, officers, employees, agents, and subcontractors arising out of or in connection with the Goods or Services or the performance of this Contract, including without limitation the payment of all attorneys' fees and other related costs and expenses except such loss or damage which was caused by the sole negligence or willful misconduct of the Authority. Supplier's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by the Authority, its elected officials, officers, employees or agents.
25. **Taxes:** Unless otherwise provided herein or required by law, Supplier, except out-of-state*, assumes exclusive liability for, and shall pay before delinquency, all sales, use, excise and other taxes, charges or contributions of any kind now or hereafter imposed on or with respect to, or measured by the or work furnished hereunder on the wages, salaries or other remuneration's paid to persons employed in connection with the performance of this Contract; and Supplier shall indemnify and hold harmless Authority from any liability and expense by reason of Supplier's failure to pay such taxes or contributions.
26. **Insurance:** Supplier shall take out and maintain, during the performance of all work under this Contract, Commercial General, Automobile and Worker's Compensation Liability Insurance at policy limits and with insurance companies acceptable to Authority, as further detailed below. Evidence of insurance shall be provided to Authority before work commences.
27. **Waiver:** Any action or inaction by Authority shall not constitute a waiver of any rights or remedy available herein or by law. The failure of Authority to enforce at any time any of the provisions of this Contract or to exercise any option provided herein, or to require at the any time performance of any of the provisions hereof, shall in no way be construed to be a present or future waiver of such provisions, nor in any way to affect the validity of this Contract or any part thereof, or the right thereafter to enforce each and every provision.
28. **Force Majeure:** Neither Authority or Supplier shall be liable for failure to perform its obligations under this Contract where such failure is a result from any act of God or other cause beyond its reasonable control.
29. **Successors and Assigns:** This Contract shall be binding on the successors and assigns of the parties.
30. **Governing Law:** This Contract and all orders shall be deemed to be made in the County of San Diego, State of California and shall in all respects be construed and governed by the laws of California. Venue shall be in the County of San Diego.
31. **Entire Agreement:** All orders may be accepted only on the terms and conditions set forth in this Contract. Terms in Supplier's acceptance in addition to or not identical with such terms will not become a part of this Contract. This Contract represents the entire agreement between the parties hereto related to the Goods or Services.
32. **Amendment:** No modification or amendment of this Agreement shall be binding unless executed in writing and signed by the parties hereto.
33. **Severability:** The unenforceability, invalidity or illegality of any provision of these terms and conditions shall not render the other provisions unenforceable, invalid or illegal.

*Out-of-state Suppliers without a California Sales and Use Tax Permit should not include sales tax on their invoice. Authority will pay the use tax directly to the California State Board of Equalization.

Commercial General Liability and Automobile Liability Insurance - Contractor shall provide and maintain the following commercial general liability and automobile liability insurance:

Coverage - Coverage for commercial general liability and automobile liability insurance shall be at least as broad as the following:

1. Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 0001)
2. Insurance Services Office (ISO) Business Auto Coverage (Form CA 0001), covering Symbol 1 (any auto)

Limits - Contractor shall maintain limits no less than the following:

1. General Liability - One million dollars (\$1,000,000) per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit or products-completed operations aggregate limit is used, either the general aggregate limit shall apply separately to the project/location (with the ISO CG 2503, or ISO CG 2504, or insurer's equivalent endorsement provided to the Sweetwater Authority) or the general aggregate limit and products-completed operations aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability - One million dollars (\$1,000,000) for bodily injury and property damage each accident limit.

Required Provisions - The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. *"The Sweetwater Authority, its directors, officers, employees, and authorized volunteers"* are to be given insured status (via ISO endorsement CG 2010, CG 2033, or insurer's equivalent for general liability coverage) as respects: liability arising out of activities performed by or on behalf of Contractor; products and completed operations of Contractor; premises owned, occupied or used by Contractor; and automobiles owned, leased, hired or borrowed by Contractor. The coverage shall

contain no special limitations on the scope of protection afforded to Authority, its directors, officers, employees, or authorized volunteers.

2. For any claims related to this project, ***Contractor's insurance shall be primary insurance*** as respects Authority, its directors, officers, employees, or authorized volunteers. Any insurance, self-insurance, or other coverage maintained by Authority, its directors, officers, employees, or authorized volunteers shall not contribute to it.
3. Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to Authority, its directors, officers, employees, or authorized volunteers.
4. Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. Each insurance policy required by this agreement shall state, or be endorsed to state, that coverage shall not be canceled by the insurance carrier or Contractor, except after thirty (30) days (ten (10) days for non-payment of premium) prior written notice by U.S. mail has been given to Authority.

Such liability insurance shall indemnify Contractor and his/her sub-contractors against loss from liability imposed by law upon, or assumed under contract by, Contractor or his/her sub-contractors for damages on account of such bodily injury (including death), property damage, personal injury, completed operations, and products liability.

The general liability policy shall cover bodily injury and property damage liability, owned and non-owned equipment, blanket contractual liability, completed operations liability, explosion, collapse, underground excavation, and removal of lateral support.

The automobile liability policy shall cover all owned, non-owned, and hired automobiles.

All of the insurance shall be provided on policy forms and through companies satisfactory to Authority.

Deductibles and Self-Insured Retentions

Any deductible or self-insured retention must be declared to and approved by Authority. At the option of Authority, the insurer shall either reduce or eliminate such deductibles or self-insured retentions.

Acceptability of Insurers

Insurance is to be placed with insurers having a current A.M. Best rating of no less than A-: VII or equivalent or as otherwise approved by the Sweetwater Authority.

Workers' Compensation and Employer's Liability Insurance

Contractor and all sub-contractors shall insure (or be a qualified self-insured) under the applicable laws relating to workers' compensation insurance, all of their employees working on or about the construction site, in accordance with the "Workers' Compensation and Insurance Act," Division IV of the Labor Code of the State of California and any Acts amendatory thereof. The Contractor shall provide employer's liability insurance with limits of no less than \$1,000,000 each accident, \$1,000,000 disease policy limit, and \$1,000,000 disease each employee.

Pollution Liability Insurance. If Supplier is transporting hazardous materials, Supplier shall provide pollution liability insurance of at least \$1,000,000 per occurrence and \$2,000,000 aggregate.

Product Liability and/or Errors and Omissions Insurance. If Supplier is also the manufacturer of the Goods, Supplier shall carry Product Liability and/or Errors and Omissions Insurance which covers the Goods with limits of not less than \$1,000,000.

Freight. Supplier shall ensure that third party shippers contracted by Supplier have adequate insurance coverage for the shipped Goods.

Updated 2020-c1

TERMS AND CONDITIONS AND INSURANCE REQUIREMENTS ARE PUBLISHED ON THE AUTHORITY WEBSITE IN THE INFORMATION FOR VENDORS PAGE OF BIDS & RFQ'S.

► Goto www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
2 Business name/disregarded entity name, if different from above	
<p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC</p> <p><input checked="" type="checkbox"/> C Corporation</p> <p><input type="checkbox"/> S Corporation</p> <p><input type="checkbox"/> Partnership</p> <p><input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) </p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner. If less than the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) </p> <p><input checked="" type="checkbox"/> Public Agency/ Government Agency</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) </p> <p>Exemption from FATCA reporting code (if any) </p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p>
5 Address (number, street, and apt. or suite no.) See instructions.	<p>Requester's name and address (optional)</p> <p>Sweetwater Authority</p> <p>505 Garrett Avenue</p> <p>Chula Vista, CA 91910</p>
6 City, state, and ZIP code	
7 List account number(s) here (optional)	

Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

| Social security number

$[11] - [1]$ -1 1 1 1
 or
) Employer identification number

Part II	Certification
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Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (QI any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

**Sign
Here**

Signature of
U.S. person▶

Date▶

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Sweetwater Authority Vendor Profile Form

Email completed fom1 to Purchasing@sweetwater.org

Vendor

Business/Vendor Name:

Phone Number:

Street Address:

City:

State and Zip Code:

Web Site Address:

Type of Business:

Remittance Address

Street Address

City, State, and Zip Code

Representative Contact

Name:

Job Title:

Phone Number:

Email Address:

Accounting Contact

Name:

Job Title:

Phone Number:

Email Address:

Vendor Products and Services

Products to be Purchased	Services to be rendered

Required:

☐ Safety Data Sheet)

Prior to the purchase of certain materials, the Project Manager will obtain the Safety Data Sheet (SDS) from the vendor and review this with the Safety Department for approval. Refer to the Safety Manual for further details.

☐ Certificate of Insurance

Prior to performing services for Sweetwater Authority, the Authority must have current Certificates of Insurance on file for all companies, contractors, and consultants. Check box above if Insurance Certificate is required.

Please forward completed form to Purchasing@sweetwater.org

ATTACHMENT 2

Company	City	State	Local Vendor *
Abcana Industries	El Cajon	CA	NO
Airgas Specialty Products	Lawrenceville	GA	NO
Alpine Technical Services	Midvale	UT	NO
Argo Chemical, Inc.	Bakersfield	CA	NO
Brenntag Pacific, Inc. *	Santa Fe Springs / Chula Vista	CA	YES
California Water Technologies, LLC.	Santa Fe Springs	CA	NO
Carbon Activated Corporation	Compton	CA	NO
Catalyn Solutions	Edmonds	WA	NO
Chemtrade Chemicals US, LLC.	Parsippany	NJ	NO
Chemrite	Buford	GA	NO
DuBois Chemicals, Inc.	Nampa	ID	NO
Ecoservices	The Woodlands	TX	NO
Evoqua Water Technologies, LLC.	Sarasota	FL	NO
Global Treat, Inc.	Spring	TX	NO
HASA	Spring Valley	CA	NO
Hamza, LLC. *	Bonita	CA	YES
Hill Brothers Chemical, Co.	Brea	CA	NO
Industrial Service Solutions	Upland	CA	NO
International Dioxide, Inc.	North Kingston	RI	NO
J.C.I. Jones Chemicals, Inc.	Torrance	CA	NO
Karbonous	City of Industry	CA	NO
Kemira Water Solutions, Inc.	Lawrence	KS	NO
Luna Distributions *	National City	CA	YES
Nalco Company	Naperville	IL	NO
Olin Chlor Alkali Products	Tracy	CA	NO
Pacific Star Chemical, LLC.	Sherwood	OR	NO
Pencoco, Inc.	San Felipe	TX	NO
Polydyne, Inc.	Riceboro	GA	NO
Prochem Specialty Products, Inc. *	National City	CA	YES
Shannon Chemical Corp.	Malvern	PA	NO
Sterling Water Technologies, LLC.	Columbia	TN	NO
Thatcher Company of California	Salt Lake City	UT	NO
Thorton, Musso, and Bellemin, Inc.	Zachary	LA	NO
Specialized Waste Solutions, Inc.	Lakeside	CA	NO
Univar U.S.A., Inc. *	Kent / National City	WA / CA	YES
USALCO	Modesto	CA	NO
United Mineral & Chemical Corp.	Lyndhurst	NJ	NO

*Local vendors as defined by Policy 517 - Financial Policies, Policy for the Procurement of Services (including Construction), Supplies, and Equipment.

ATTACHMENT 3

Bid Tabulation				Argo Chemical, Inc.	Brenntag Pacific, Inc.	Chemrite, Inc.	DuBois Chemicals, Inc.	Evoqua Water Technologies LLC	HASA, Inc.	Hill Brothers Chemical Company	Industrial Solution Services, Inc.	International Dioxide, Inc.	JCI Jones Chemicals, Inc.	Karbonous, Inc.	Kemira Water Solutions, Inc.	Nalco Company LLC	Olin Corporation	Pencco, Inc.	Pacific Star Chemical, LLC	Polydyne, Inc.	United Mineral & Chemical Corp.	Univar Solutions USA, Inc.	
Buyer: Karim Galeana																							
Proj Mgr: Justin Brazil																							
RFQ No. RFQ S2025-06 Water Treatment Chemicals																							
Bid Due: April 24, 2025, by 2:00 P.M.																							
Bid Item No.	Chemical	Delivery Location	UM	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price		Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	
1	Cationic Polymer 20%	PWTP	Pounds	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 0.8100	No Bid	No Bid	No Bid	\$ 0.6300	No Bid	
2	Ammonium Sulfate	NCW	Pounds	No Bid	\$ 1.4850	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.1800	
3	Chlorine (1 Ton Containers)	PWTP	Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1,897.0000	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	
4	Ferric Chloride 43% (Typical)	PWTP	Dry Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1,495.0000	No Bid	No Bid	\$ 1,500.0000	No Bid	No Bid	No Bid	No Bid	
5A	Sodium Hypochlorite 12.5%	RDF	Gallons	No Bid	\$ 2.5700	No Bid	No Bid	No Bid	No Bid	\$ 3.3800	No Bid	No Bid	No Bid	\$ 1.9000	No Bid	No Bid	\$ 2.3940	No Bid	No Bid	No Bid	No Bid	\$ 2.4400	
5B	Sodium Hypochlorite 12.5%	NCW	Gallons	No Bid	\$ 2.5700	No Bid	No Bid	No Bid	\$ 3.3800	No Bid	No Bid	No Bid	\$ 2.1000	No Bid	No Bid	No Bid	\$ 2.7840	No Bid	No Bid	No Bid	No Bid	\$ 2.9700	
5C	Sodium Hypochlorite 12.5%	RCS-1	Gallons	No Bid	\$ 4.2500	No Bid	No Bid	No Bid	\$ 3.3800	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	
5D	Sodium Hypochlorite 12.5%	RCS-2	Gallons	No Bid	\$ 4.2500	No Bid	No Bid	No Bid	\$ 3.3800	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	
6	Aqua Ammonia 19.0%	PWTP	Gallons	\$ 1.2950	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.2800	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	
7	Liquid Ammonium Sulfate 40%	RDF	Gallons	No Bid	\$ 1.8980	No Bid	No Bid	No Bid	No Bid	\$ 1.9900	\$ 1.6900	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 4.4500	
8A	Sodium Hydroxide	PWTP	Dry Tons	No Bid	\$ 850.0000	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 909.0000	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 840.0000	No Bid	No Bid	\$ 808.2500	
8B	Sodium Hydroxide	RDF	Dry Tons	No Bid	\$ 968.0000	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1,066.0000	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 920.0000	No Bid	No Bid	\$ 950.1600	
9	Ferrous Chloride	PWTP	Dry Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1,595.0000	No Bid	No Bid	\$ 1,600.0000	No Bid	No Bid	No Bid	No Bid	
10	Activated Carbon Powder	PWTP	Pounds	No Bid	No Bid	\$ 1.6800	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.5500	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.9000	No Bid	
11	Aluminum Sulfate 45-55%	RDF	Pounds	No Bid	\$ 0.6625	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 0.5600	
12	Sodium Chlorite 31%	PWTP	Pounds	No Bid	\$ 1.3590	No Bid	No Bid	\$ 0.8870	No Bid	No Bid	No Bid	\$ 0.9070	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	
13A	Fluorosilicic Acid (23-25%)	PWTP	Pounds	No Bid	\$ 0.2950	No Bid	\$ 0.2935	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	
13B	Fluorosilicic Acid (23-25%)	RDF	Pounds	No Bid	\$ 0.3450	No Bid	\$ 0.3485	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	
14	Sodium Fluoride (90-98%)	NCW	Pounds	No Bid	\$ 2.9500	\$ 1.9300	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 2.2600	
15A	Citric Acid (Granular)	RDF	Pounds	No Bid	\$ 2.0500	\$ 1.5900	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.2900	
15B	Citric Acid (Granular)	PWTP	Pounds	No Bid	\$ 2.0500	\$ 1.5900	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.2900	
16	Copper Sulfate (Granular)	PWTP	Pounds	No Bid	\$ 4.5500	\$ 3.4700	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 3.0000	
Equal Low Bidder																							
Lowest Bidder																							
Sole Bidder																							
																		Pacific Star Chemical LLC				Univar Solutions USA Inc.	
																		Pricing:				Pricing:	
																		CARB fee of \$15/DST will be				CARB fee of \$15/DST will be	
																		True unit price for bid item number 8A: \$900/DT True unit price for bid item number 8B: \$980/DT				True unit price for bid item number 8A: \$823.25/DT True unit price for bid item number 8B: \$965.16/DT	

ATTACHMENT 4

Chemical	Facility	Unit of Measurement	FY 2024-25 Unit Price	FY 2025-26 Unit Price	% Change	% FY 2025-26 Chemical Budget
Cationic Polymer	Perdue	Pound	0.750	0.63	-16	20.2
Ammonium Sulfate	National City	Pound	0.897	1.18	32	1.2
Ton Cylinders of Chlorine	Perdue	Ton	2175	1897	-13	9.6
Ferric Chloride 43%	Perdue	Dry Ton	1178	1495	27	8.3
Sodium Hypochlorite 12.5%	Desal	Gallon	1.930	1.9000	-2	9.0
Sodium Hypochlorite 12.5%	National City	Gallon	2.170	2.1000	-3	2.8
Sodium Hypochlorite 12.5%	RCS-1	Gallon	3.220	3.3800	5	0.6
Sodium Hypochlorite 12.5%	RCS-2	Gallon	3.220	3.3800	5	0.6
Aqua Ammonia 19.0%	Perdue	Gallon	1.149	1.2800	11	1.6
Liquid Ammonium Sulfate 40%	Desal	Gallon	1.995	1.6900	-15	1.7
Sodium Hydroxide 50 %	Perdue	Dry Ton	685.00	823.25	20	9.5
Sodium Hydroxide 50 %	Desal	Dry Ton	803.00	965.16	20	3.7
Ferrous Chloride 33%	Perdue	Dry Ton	1600	1595	0	10.2
Activated Carbon Powder	Perdue	Pound	1.550	1.5500	0	0.5
Aluminum Sulfate	Desal	Pound	0.6500	0.5600	-14	0.2
Sodium Chlorite 31%	Perdue	Pound	0.9300	0.8870	-5	15.5
Fluorosilicic Acid 23-25%	Perdue	Pound	0.3050	0.2935	-4	1.5
Fluorosilicic Acid 23-25%	Desal	Pound	0.3450	0.3450	0	1.9
Sodium Fluoride 90-98%	National City	Pound	1.870	1.9300	3	0.6
Citric Acid	Desal	Pound	1.5600	1.2900	-17	0.2
Citric Acid	Perdue	Pound	1.5600	1.2900	-17	0.2
Copper Sulfate	Perdue	Pound	2.5400	3.0000	18	0.3
Total						100



May 19, 2025

Consideration to Award Annual Contracts for Water Treatment Chemicals

Justin Brazil, Director of Water Quality

Request for Quote (RFQ)

- Issued on April 3, 2025
- 1-year contract
- Chemicals used in the operation of the Robert A. Perdue Water Treatment Plant, Richard A. Reynolds Groundwater Desalination Facility, National City Wells, and the OD Arnold Tank Site and Bonita Valley Reservoir (BVR) Residual Control Systems (RCS)



Outreach

- Direct outreach to 37 chemical suppliers
- Advertised on planetbids.com



Bid Results

- April 24, 2025: Bid opening
- 61 quotes received from 19 vendors

Bid Tabulation Buyer: Karm Galeana Proj Mor: Justin Brazil RFQ No: RFQ 52025-06 Water Treatment Chemicals Bid Due: April 24, 2025, by 2:00 P.M.				Argo Chemical, Inc.	Brentpac Pacific, Inc.	Chemtite, Inc.	DuBois Chemicals, Inc.	Evogua Water Technologies LLC	HASA, Inc.	Hill Brothers Chemical Company	Industrial Solution Services, Inc.	International Dioxide, Inc.	JCI Jones Chemicals, Inc.	Karbonus, Inc.	Kemira Water Solutions, Inc.	Naico Company LLC	Olin Corporation	Penco, Inc.	Pacific Star Chemical, LLC	Polydyne, Inc.	United Mineral & Chemical Corp.	Univar Solutions USA, Inc.
Bid Item No.	Chemical	Delivery Location	Unit	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price		Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
1	Cationic Polymer 20%	PWTP	Pounds	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 0.8100	No Bid	No Bid	No Bid	\$ 0.6300	No Bid	No Bid
2	Ammonium Sulfate	NW	Pounds	No Bid	\$ 1.4650	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.1800
3	Chlorine (1 Ton Containers)	PWTP	Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.887.0000	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
4	Ferric Chloride 33% (Typical)	PWTP	Dry Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.435.0000	No Bid	No Bid	\$ 1.500.0000	No Bid	No Bid	No Bid	No Bid
5A	Sodium Hypochlorite 12.5%	ROF	Gallons	No Bid	\$ 2.5700	No Bid	No Bid	\$ 3.3800	No Bid	No Bid	No Bid	No Bid	\$ 1.9000	No Bid	No Bid	\$ 2.3540	No Bid	No Bid	No Bid	No Bid	\$ 2.4400	No Bid
5B	Sodium Hypochlorite 12.5%	NW	Gallons	No Bid	\$ 2.5700	No Bid	No Bid	\$ 3.3800	No Bid	No Bid	No Bid	No Bid	\$ 2.1000	No Bid	No Bid	No Bid	\$ 2.7640	No Bid	No Bid	No Bid	\$ 2.3700	No Bid
5C	Sodium Hypochlorite 12.5%	RCS-1	Gallons	No Bid	\$ 4.2500	No Bid	No Bid	\$ 3.3800	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
5D	Sodium Hypochlorite 12.5%	RCS-2	Gallons	No Bid	\$ 4.2500	No Bid	No Bid	\$ 3.3800	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
6	Aqua Ammonia 19.0%	PWTP	Gallons	\$ 1.2950	No Bid	No Bid	No Bid	No Bid	\$ 1.2800	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
7	Liquid Ammonium Sulfate 40%	ROF	Gallons	No Bid	\$ 1.8840	No Bid	No Bid	No Bid	\$ 1.5500	\$ 1.5500	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 4.4500
8A	Sodium Hydroxide	PWTP	Dry Tons	No Bid	\$ 850.0000	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 309.0000	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 840.0000	No Bid	No Bid	\$ 808.2500
8B	Sodium Hydroxide	ROF	Dry Tons	No Bid	\$ 958.0000	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1,065.0000	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 920.0000	No Bid	No Bid	\$ 950.1600
9	Ferrous Chloride	PWTP	Dry Tons	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1,535.0000	No Bid	No Bid	\$ 1,600.0000	No Bid	No Bid	No Bid	No Bid
10	Activated Carbon Powder	PWTP	Pounds	No Bid	No Bid	\$ 1.6800	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.5500	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.9000	No Bid
11	Aluminum Sulfate 45-55%	ROF	Pounds	No Bid	\$ 0.6625	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 0.5600
12	Sodium Chloride 31%	PWTP	Pounds	No Bid	\$ 1.3550	No Bid	No Bid	\$ 0.8870	No Bid	No Bid	No Bid	\$ 0.9070	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
13A	Fluorosilicic Acid (23-25%)	PWTP	Pounds	No Bid	\$ 0.2930	No Bid	\$ 0.2835	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
13B	Fluorosilicic Acid (23-25%)	ROF	Pounds	No Bid	\$ 0.3450	No Bid	\$ 0.3465	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
14	Sodium Fluoride (90-95%)	NW	Pounds	No Bid	\$ 2.3500	\$ 1.9300	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 2.2600
15A	Citric Acid (Granular)	ROF	Pounds	No Bid	\$ 2.0500	\$ 1.5900	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.2900
15B	Citric Acid (Granular)	PWTP	Pounds	No Bid	\$ 2.0500	\$ 1.5900	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 1.2900
16	Copper Sulfate (Granular)	PWTP	Pounds	No Bid	\$ 4.5800	\$ 3.4700	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	\$ 3.0000



Recommended Award Summary

Vendor	Location	Chemical	Cost
Brenntag Pacific, Inc.	Santa Fe Springs, CA	Fluorosilicic Acid (23-25%)	\$36,500
Chemrite, Inc.	Buford, GA	Sodium Fluoride (90 – 98%)	\$12,000
DuBois Chemicals, Inc.	Nampa, ID	Fluorosilicic Acid (23-25%)	\$29,500
Evoqua Water Technologies, LLC.	Sarasota, FL	Sodium Chlorite 31%	\$299,300
HASA, Inc.	Spring Valley, CA	*Sodium Hypochlorite 12.5%	\$25,000
Hill Brothers Chemical Company	Brea, CA	Aqua Ammonia 19%	\$31,100
Industrial Solution Services, Inc.	Upland, CA	Liquid Ammonium Sulfate (LAS)	\$33,700
JCI Chemicals, Inc.	Torrance, CA	Sodium Hypochlorite 12.5%	\$228,700
		Ton Cylinders of Chlorine	\$185,500
Karbonous, Inc.	City of Industry, CA	Activated Carbon Powder	\$10,500
Kemira Water Solutions, Inc.	Lawrence, KA	Ferric Chloride 43%	\$160,100
		Ferrous Chloride 33%	\$196,700
Polydyne Inc.	Riceboro, GA	Cationic Polymer	\$390,900
Univar Solutions USA LLC.	Kent, WA	Ammonium Sulfate	\$22,700
		Citric Acid (Granular)	\$6,400
		Sodium Hydroxide 50%	\$253,900
		Copper Sulfate (Granular)	\$6,600
		Aluminum Sulfate 45-55%	\$3,700
Total Estimated Award			\$1,932,800



Chemical Supply and Cost

- Overall, unit costs have decreased
 - Supply for chemicals has improved, raw material and transportation costs have mostly stabilized, tariffs are a concern of most vendors
- The chemical market appears more stable than a year ago
 - The cost of many chemicals has decreased when compared to FY 2024-25



Chemical Supply and Cost

Chemical	Facility	Unit of Measurement	FY 2024-25 Unit Price	FY 2025-26 Unit Price	% Change	% FY 2025-26 Chemical Budget
Cationic Polymer	Perdue	Pound	0.750	0.630	-16	20.2
Ammonium Sulfate	National City	Pound	0.897	1.180	32	1.2
Ton Cylinders of Chlorine	Perdue	Ton	2175	1897	-13	9.6
Ferric Chloride 43%	Perdue	Dry Ton	1178	1495	27	8.3
Sodium Hypochlorite 12.5%	Desal	Gallon	1.930	1.900	-2	9.0
Sodium Hypochlorite 12.5%	National City	Gallon	2.170	2.100	-3	2.8
Sodium Hypochlorite 12.5%	RCS-1	Gallon	3.220	3.380	5	0.6
Sodium Hypochlorite 12.5%*	RCS-2	Gallon	3.220	3.380	5	0.6
Aqua Ammonia 19.0%	Perdue	Gallon	1.149	1.280	11	1.6
Liquid Ammonium Sulfate 40%	Desal	Gallon	1.995	1.690	-15	1.7
Sodium Hydroxide 50 %	Perdue	Dry Ton	685.00	823.25	20	9.5
Sodium Hydroxide 50 %	Desal	Dry Ton	803.00	965.16	20	3.7
Ferrous Chloride 33%	Perdue	Dry Ton	1600	1595	0	10.2
Activated Carbon Powder	Perdue	Pound	1.550	1.550	0	0.5
Aluminum Sulfate	Desal	Pound	0.650	0.560	-14	0.2
Sodium Chlorite 31%	Perdue	Pound	0.930	0.887	-5	15.5
Fluorosilicic Acid 23-25%	Perdue	Pound	0.3050	0.2935	-4	1.5
Fluorosilicic Acid 23-25%	Desal	Pound	0.3450	0.3450	0	1.9
Sodium Fluoride 90-98%	National City	Pound	1.870	1.930	3	0.6
Citric Acid	Desal	Pound	1.560	1.290	-17	0.2
Citric Acid	Perdue	Pound	1.560	1.290	-17	0.2
Copper Sulfate	Perdue	Pound	2.540	3.000	18	0.3
Total						100



Fiscal Impact

The cost of the combined contracts is estimated to be \$1,932,800; funding to be included in the FY 2025-26 Budget.



Options

1. Award contracts to the lowest responsive bidders for water treatment chemicals as follows:
 - \$36,500 to Brenntag Pacific, Inc., Santa Fe Springs, CA for Fluorosilicic Acid 23 – 25%
 - \$12,000 to Chemrite, Inc., Buford, GA for Sodium Fluoride 90 – 98%
 - \$29,500 to DuBois Chemicals, Inc. for Fluorosilicic Acid 23 – 25%
 - \$299,300 to Evoqua Water Technologies, LLC., Sarasota, FL for Sodium Chlorite 31%
 - \$25,000 to HASA, Inc., Spring Valley, CA for Sodium Hypochlorite 12.5%
 - \$31,100 to Hill Brothers Chemical Company, Brea, CA for Aqueous Ammonia 19%
 - \$33,700 to Industrial Solutions Services, Inc, Upland, CA for Liquid Ammonium Sulfate 40%
 - \$414,200 to JCI Jones Chemical, Inc., Torrance, CA (\$228,700 for Sodium Hypochlorite 12.5% and \$185,500 for Ton Chlorine Cylinders)
 - \$10,500 to Karbonous, Inc., City of Industry, CA for Activated Carbon Powder
 - \$356,800 to Kemira Water Solutions, Inc., Lawrence KA (\$160,100 for Ferric Chloride 43% and \$196,700 for Ferrous Chloride 33%)
 - \$390,900 to Polydyne Inc., Riceboro, GA for Cationic Polymer
 - \$293,300 to Univar Solutions USA LLC. Kent WA (\$22,700 for Ammonium Sulfate, \$6,400 for Citric Acid, \$253,900 for Sodium Hydroxide 50%, \$6,600 for Copper Sulfate, and \$3,700 for Aluminum Sulfate)

and direct the General Manager to execute contracts and approve cost increases for any awarded water treatment chemical that may occur in the future that is within the General Manager's approval limit.

2. Other direction as determined by the Governing Board.



Recommendation

Staff recommends that the Governing Board award contracts to the lowest responsive bidders for water treatment chemicals as follows:

- \$36,500 to Brenntag Pacific, Inc., Santa Fe Springs, CA for Fluorosilicic Acid 23 – 25%
- \$12,000 to Chemrite, Inc., Buford, GA for Sodium Fluoride 90 – 98%
- \$29,500 to DuBois Chemicals, Inc. for Fluorosilicic Acid 23 – 25%
- \$299,300 to Evoqua Water Technologies, LLC., Sarasota, FL for Sodium Chlorite 31%
- \$25,000 to HASA, Inc., Spring Valley, CA for Sodium Hypochlorite 12.5%
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and direct the General Manager to execute contracts and approve cost increases for any awarded water treatment chemical that may occur in the future that is within the General Manager's approval limit.



Questions?



SWEETWATER AUTHORITY

Water Quality Committee

May 19, 2025



Update on Efforts to Upgrade all Fire Service Lateral Single Swing-check by July 1, 2034 to Align with State Water Resources Control Board Requirements

CONCLUSION

This is an informational item.

OVERVIEW

A decade prior to the State recognizing the potential hazard of fire services, the Authority's Cross-Connection Control section researched the issue and determined fire services to be a potential hazard to the Authority's water system. Staff discovered that the American Water Works Association Research Foundation conducted a study that found water quality within existing wet-pipe fire sprinkler systems exceeds the primary standard for lead and cadmium and secondary standards for iron, manganese, total dissolved solids, sulfate, color, and odor. Soluble lead appeared to be originating from check valves that had lead-weighted clappers, leaded fittings, machined leaded brass valve bodies, and other accessories. (Duranceau S, Poole J., Foster J.V. (1999). Distribution systems Wet-Pipe Fire Sprinklers and Water Quality. American Water Works Association)

Furthermore, Section 1003 of the Uniform Plumbing Code states: "No person shall install any water-operated equipment or mechanism, or use any water-treating chemical or substance, if it is found that such equipment, mechanism, or substance may cause pollution or contamination of the domestic water supply. Such equipment or mechanisms may be permitted only when equipped with an approved backflow prevention device or assembly."

At the April 25, 2018 meeting, Staff presented the findings and the Board approved amending the Rates and Rules and adopting Resolution 18-07. The resolution established a requirement that all fire service laterals with single swing-check valves be brought above ground and retrofitted with an approved Reduced Pressure Principle Backflow Prevention Detector Assembly by April 25, 2023. At that time, staff identified that approximately 380 of the 772 private fire service laterals did not have an approved backflow prevention device and were not in compliance.

At its June 8, 2022 meeting, the Board approved a two-year extension for the deadline stipulated in Resolution 18-07. This resolution mandated the replacement of all single swing-checks on fire service laterals with an approved Reduced Pressure Principle Backflow Prevention Detector Assembly by April 25, 2025, due to unforeseen economic impacts related to the pandemic.

On December 19, 2023, the State Water Resources Control Board adopted the Cross-Connection Control Policy Handbook (CCCPH) to go into effect July 1, 2024. Pursuant to the CCCPH Article 2, Section 3.2.2, (e) Except as noted below, a Public Water System (PWS) must ensure its distribution system is protected with no

less than Double -Check (DC) Assembly protection for a user premises with a fire protection system within 10 years of the effective date of the CCCPH.

With the effective date of the CCCPH being July 1, 2024, this would extend the Authority's currently established due date for the required replacement of all single swing-checks on fire service laterals with an approved Reduced Pressure Principle Backflow Prevention Detector Assembly to July 1, 2034. The CCCPH stipulates that failure to comply with this requirement would require that the Authority isolate the private fire lateral from its distribution system as stated in section 4.3 in Sweetwater Authority's Rates and Rules. If the private fire service lateral is turned off for non-compliance the appropriate fire agency will be notified.

Annual reminder notices were sent to property owners based on the initial upgrade plan established in 2018. Property owners were notified via letters on:

- 380 Letters mailed on October 1, 2018
- 370 Letters mailed on October 1, 2019
- 355 Letters mailed on October 1, 2020

At the end of 2020, with only 25 upgrades completed, staff increased the outreach effort to property owners to include reminder postcards along with annual reminder notices on:

- 355 Reminder postcards mailed on April 23, 2021
- 350 Letters mailed on October 1, 2021
- 345 Reminder postcards mailed on April 22, 2022
- 325 Letter mailed on October 1, 2022
- 316 Reminder postcards mailed on April 23, 2023
- 307 Letters mailed on October 1, 2023
- 291 Letters mailed on October 1, 2024

At this time, 101 customers have complied with the upgrade requirement out of the 380 fire services originally identified. The remaining 279 fire services still need to be upgraded. Customers with an existing fire protection system that lacks an approved backflow prevention device are required to upgrade their fire protection to comply with current standards. It should be noted that there are no state funding provisions available to assist with fire service backflow upgrade measures. Consequently, all expenses associated with these upgrades are the sole responsibility of the customer.

To effectively inform, educate, and assist property owners in complying with fire service lateral backflow prevention requirements, the Authority will enhance communication strategies and digital outreach.

In addition to the annual reminder notifications sent in October, the following actions will be implemented:

1. A year prior to the compliance deadline, we will increase the distribution of reminder postcards. Instead of sending only one postcard during the six-month period following the annual notifications in October, we will now send them in the fourth month (February) and the eighth month (June), effectively doubling our outreach efforts.
2. A dedicated compliance landing page will be launched on our public website. This page will feature instructions for compliance, a searchable list of Authority approved backflow testers, timelines, permit requirements, a contact form for customer support, and a FAQ sheet.
3. We will create easy-access QR codes, located on the annual notification letters and reminder postcards, directing customers to the Sweetwater Authority website, providing a valuable resource for cross-connection compliance information and updates on state legislation.
4. Educational information will be provided at Sweetwater Authority-hosted Community Open Houses and at community events staffed by the Authority.
5. We will inform and educate local chambers of commerce, city governments, property managers, and homeowners about the need for these upgrades. Starting in 2032, annual reminder notices will be sent via certified mail.

The Authority reached out to local fire agencies in Chula Vista, National City, and Bonita to identify and address any concerns regarding the impact of these upgrades and the potential consequences of turning off the water to the fire service laterals if a property is found to be non-compliant. The following is an update on our efforts:

- National Fire Department: The Division Chief/Fire Marshal was contacted by phone, and he informed the Cross-Connection Control Supervisor that our inquiry has been forwarded to a different Chief, who is currently on leave and will respond upon their return.
- Chula Vista Fire Department: Fire Division Chief and Director of Fire Prevention responded via email with their input on the impact of these upgrades.
- Bonita-Sunnyside Fire Department: The Fire Marshal was contacted via email and responded that their agency was not interested in participating in this matter.

FISCAL IMPACT

The fiscal impact for the postcards is \$350 for printing and postage.

The fiscal impact for the upgrade is paid by the property owner, per the Authority's Rates and Rules.

Based on estimates from the contractors and property owners who have upgraded their fire service lateral the cost was between \$30,000 to \$60,000.

CONCLUSION

This is an informational item.

Staff Contact:
Carlos Quintero, General Manager
Leticia Munguia, Interim Director of Administrative Services
Gregg Harpenau-Parks, Customer Service Manager
Sarah Hargis, Field Services Supervisor

SUPPORTING INFORMATION

Strategic Plan

Goal #1 Water Quality (WQ) Provide high quality water that meets regulatory requirements.

- WQ4: Administer the Authority’s Standard Specifications Section 17 Cross-Connection and Backflow Prevention Ordinance to protect the public water supply from contamination.

Past Board Actions

April 23, 2025	The Governing Board approved extending the due date of all fire service lateral swing check upgrades to July 1, 2034 to align with the State Water Resource Control Board requirements. At the meeting, the Board requested staff contact the local fire agencies to address any concerns or considerations relating to the impact of these upgrades as well as what actions the Authority is taking to educate and inform customers.
June 8, 2022	The Governing Board approved a two (2) year extension of the due date until April 25, 2025, for customers with a non-compliant backflow prevention device on the fire service lateral to bring the device into compliance.
April 25, 2018	The Governing Board adopted Resolution 18-07 to approve the amended Rates and Rules regarding the enforcement plan for private fires service lateral backflow prevention requirements.