

BIOXIDE® ODOR CONTROL SYSTEM

LIFT STATION #3

TEMPLETON COMMUNITY SERVICES DISTRICT (TCSD), CA

Quotation # 2022-526184r1

May 10, 2022

Sales Representative

Rhett Ussery
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May 10, 2022

Justin Black
Templeton Community Services District (TCSD)
1394 Shane Lane
Templeton, CA 93465
Phone: (805) 434-4907
Email: jblack@templetoncsd.org

**RE: ODOR AND CORROSION CONTROL BIOXIDE® FEED SYSTEM
TEMPLETON COMMUNITY SERVICES DISTRICT (TCSD), CA – LIFT STATION #3
Evoqua Quote No. 2022-526184r1**

Dear Mr. Black:

Thank you for your interest in Evoqua Water Technologies LLC. Evoqua would like to submit the following proposal for our BIOXIDE® Chemical Feed and Storage System for the Lift Station #3. The proposal includes the purchase of the chemical storage and feed system equipment, quarterly service on the equipment and chemical supply. This proposed feed system will control odors at the LS #3 force main discharge; in the downstream Westside Lift Station wet-well and further downstream at the Westside LS force main discharge.

BACKGROUND



Figure 1 – Simplified line diagram of the Templeton CSD collection system

As per our discussions, we have investigated the collection system from LS #3 to the Westside LS force main discharge to provide an appropriate odor control solution for reducing sulfide levels from the LS #3 force main discharge to the Westside LS force main discharge. Using flow rates and forcemain dimensions provided by the District, along with grab samples, sulfide generation within the collection system was modeled and a simplified line diagram is provided in the figure above.

Based on an average daily flow of 200,000 MGD from LS #3, and the physical data shown in Figure 1, it is estimated to take 40-55 gpd BIOXIDE® fed directly into the LS #3 wet-well, to remove all existing hydrogen sulfide in the LS #3 force main, and to prevent the generation of hydrogen sulfide in the downstream Westside LS and along its force main. However, actual dose rates will depend on your systems flow rates and your specific treatment goals.

TREATMENT OBJECTIVE

Evoqua Water Technologies shall control odors at the Control Points 1 and 2 (indicated in Figure 1) by feeding BIOXIDE® into the LS #3 wet-well. Liquid phase hydrogen sulfide will be reduced to a level < 1 mg/L, with an atmospheric sulfide level < 10 ppm at the first control point (LS #3 force main discharge) and then at the second control point (Westside LS force main discharge).

SCOPE OF SERVICES

Evoqua offers the purchase of new equipment for Lift Station #3 feed site. This equipment will include the following:

- 1- 4,350 Nominal Gallon, Double Wall, High-Density Cross-Linked Polyethylene Chemical Storage Tank (10'3" Diameter, 10'3" Tall, Specific Gravity 1.90)
- 1- Each 316 SS Control Enclosures contains following:
 - 1- Operator Interface with tank level readout
 - 2- Off/Auto Soft Switches for pump control
 - 2- On/Off Soft Switches for auxiliary equipment
 - 2- Dry contacts to receive digital inputs
 - 1- Disconnect Switch
 - 2- 15907-002 Evoqua Water Technologies Bellows Pumps with an adjustable feed rate from 12 to 120 mL/min and a maximum discharge pressure of 35 psi.
 - 1- Ground fault receptacle
 - 1- Disconnect Switch
 - 1- 1,000 mL Calibration Cylinder with Flow Control Valves
 - 1- Pressure Transducing Sensor for remote tank level monitoring
 - 1- Thermostatically Controlled Heater
 - 1- Cellular Modem
- 1- VersaDose® LT Advanced Dosing Packages – The automation package will be programmed at the factory and can be optimized in the field to functionally control the dose rate using 24 hour / day per week dose curves or from station flow signals.
- 1- Single Wall Piping Kit shall consist of:
 - 40 ft 1/2" schedule 80 PVC Pipe
 - 1- 2" Stainless Steel Male Camlock
 - 1- 2" Plastic Female Camlock Cap
 - 1- 2" Schedule 80 PVC Tank Fill Piping
- 1- All necessary piping and fittings for the installation
- 1- Engineering Submittals for Approval (if required)
- 2- Operation Manuals Copies
- 1- Mechanical Installation

With the purchase of the equipment, Evoqua warrants the Chemical Feed System complete for a period of twelve (12) months from acceptance or eighteen (18) months from shipment, whichever occurs first. In addition, the chemical storage tank shall be warranted for a period of five (5) years from warranty start date.

2. SITE AND UTILITIES

Evoqua Water Technologies will provide Mechanical Installation Services for the Chemical Feed System. The Contractor shall be responsible for having certain facets of site preparation completed prior to Evoqua's Mechanical Installation of the Chemical Feed System. This includes, but is not limited to dewatering, concrete work, trenching, containment piping, excavation, backfill, piping and electrical. Additionally, the customer shall be required to supply the following for the Chemical Feed System:

- Power – 15A / 120VAC / 1PH (provided within 10' of equipment)
- Floor Space – 12' x 12' concrete pad preferred
- Tanker Access for chemical delivery
- Customer supplied dry contacts or 4-20 mA flow signal (if applicable)
- Potable Rinse Water
- Site Security
- Site Permits (as required)

Mechanical Installation Services include:

- Tank penetrations
- Installation of fill piping on tank
- Installation of U-vent
- Installation of suction piping from tank to pumps
- Installation overflow site gauge
- Installation of calibration relief/overflow line
- Installation of pressure sensor
- Placement of feed system
- Setting of the tank or provision of crane (if needed)

Mechanical Installation Services exclude:

- Electrical supply or connections
- Any concrete work, trenching, excavation, and backfill
- Any Below grade piping

3. SCHEDULE

Submittals: 3-5 weeks after contract acceptance (if required)
Equipment: 12-14 weeks after receipt of approved submittals

The delivery schedule is based on contract approval and receipt of approved P.O.

4. PREVENTATIVE MAINTENANCE AND MONITORING SERVICES

An Evoqua service technician will perform routine maintenance and sampling for the chemical feed site at a *minimum of four (4) times per year*. These visits will be conducted at a frequency *not more than three (3) months apart* and shall consist of odor control point liquid phase sampling. A written report will be provided within a week of site visit. Sampling and routine maintenance services will be scheduled in advance and include, but not be limited to the following:

- Liquid phase testing for performance evaluation and feed rate adjustments. The parameters measured shall be:

Parameter Monitored	Method
Dissolved Sulfide	Methylene Blue, pre-flocced to remove insoluble sulfides
pH	Combination Glass Electrode
Temperature	NIST calibrated Thermometer
Residual Nitrate	HACH Nitrate Strips

Table 1 – Performance Sampling Methods.

- Optimization of chemical feed rates based on liquid phase performance evaluations.

- A report will be issued to Templeton CSD each quarter noting the following:
 1. Beginning feed rate in ml/min, gal/day
 2. Liquid phase data collected
 3. Adjusted feed rate in mL/min, gal/day
 4. Tank Levels
 5. General Condition of the feed and storage equipment

Sampling and optimization visits are crucial so that seasonal temperature changes and chemical demand changes in the wastewater may be accounted for. System optimization minimizes long periods of time where chemical overfeeding or underfeeding might be occurring and will lead to overall cost savings and increased system performance.

5. PRICING

Evoqua offers the following pricing for the purchase of the BIOXIDE storage and feed equipment.

Item	Description	Total
A	BIOXIDE Feed and Storage Equipment	\$ 93,569
B	Installation Services	\$ 15,200
	Total Price	\$ 108,769

Evoqua will include chemical and services for a three-year period, from date of contract acceptance. Initial pricing shall be valid for one year from date of contract acceptance and subject to annual review following this initial period.

BIOXIDE®: **\$ 3.02 / gallon** delivered in minimum 3800-gallon loads. Price includes delivery, Prepaid (PPD).

Quarterly Service: **\$2,705 per quarter** for the services described in Section 4.

Terms of payment are NET 30 days from date of invoice. These prices do not include any applicable taxes.

The attached Terms and Conditions are considered part of this proposal and shall prevail.

Due to current volatility in the market, pricing associated with this quote will remain firm for a period of thirty (30) days. If we are not in receipt of an order by the end of this firm price period, we reserve the right to modify the prices quoted.

Evoqua is committed to providing the highest standard of chemical quality and technical services in the industry. If you have any questions regarding this proposal, please do not hesitate to contact me at (916) 390-8946.

Sincerely,
Evoqua Water Technologies LLC

Rhett Ussery

Rhett Ussery
Technical Sales Representative



**RE: ODOR AND CORROSION CONTROL BIOXIDE® FEED SYSTEM
TEMPLETON COMMUNITY SERVICES DISTRICT (TCSD), CA – LIFT STATION #3
Evoqua Quote No. 2022-526184r1**

Evoqua will process your order when we receive acceptance of this proposal by signing below and returning to municipalservices@evoqua.com or via fax to: (941) 359-7985.

Company Name: _____

This ____ day of _____ Month _____ Year

By: _____

Title: _____

P.O.Number _____

Site Address: _____

NOTE: Effective April 2022, you may be assessed a 3% fee if paying via Credit Card. Find more info on our website here > <https://www.evoqua.com/en/about-us/terms-conditions-sale-products-services/credit-card-fee-faqs> . Ask us how to avoid paying fees by migrating to ACH CTX payment type.

EVOQUA WATER TECHNOLOGIES LLC

Standard Terms of Sale

1. **Applicable Terms.** These terms govern the purchase and sale of equipment, products, related services, leased products, and media goods if any (collectively herein "Work"), referred to in Seller's proposal ("Seller's Documentation"). Whether these terms are included in an offer or an acceptance by Seller, such offer or acceptance is expressly conditioned on Buyer's assent to these terms. Seller rejects all additional or different terms in any of Buyer's forms or documents.
2. **Payment.** Buyer shall pay Seller the full purchase price as set forth in Seller's Documentation. Unless Seller's Documentation specifically provides otherwise, freight, storage, insurance and all taxes, levies, duties, tariffs, permits or license fees or other governmental charges relating to the Work or any incremental increases thereto shall be paid by Buyer. If Seller is required to pay any such charges, Buyer shall immediately reimburse Seller. If Buyer claims a tax or other exemption or direct payment permit, it shall provide Seller with a valid exemption certificate or permit and indemnify, defend and hold Seller harmless from any taxes, costs and penalties arising out of same. All payments are due within 30 days after receipt of invoice. Buyer shall be charged the lower of 1 ½% interest per month or the maximum legal rate on all amounts not received by the due date and shall pay all of Seller's reasonable costs (including attorneys' fees) of collecting amounts due but unpaid. All orders are subject to credit approval by Seller. Back charges without Seller's prior written approval shall not be accepted.
3. **Delivery.** Delivery of the Work shall be in material compliance with the schedule in Seller's Documentation. Unless Seller's Documentation provides otherwise, delivery terms are ExWorks Seller's factory (Incoterms 2010). Title to all Work shall pass upon receipt of payment for the Work under the respective invoice. Unless otherwise agreed to in writing by Seller, shipping dates are approximate only and Seller shall not be liable for any loss or expense (consequential or otherwise) incurred by Buyer or Buyer's customer if Seller fails to meet the specified delivery schedule.
4. **Ownership of Materials and Licenses.** All devices, designs (including drawings, plans and specifications), estimates, prices, notes, electronic data, software and other documents or information prepared or disclosed by Seller, and all related intellectual property rights, shall remain Seller's property. Seller grants Buyer a non-exclusive, non-transferable license to use any such material solely for Buyer's use of the Work. Buyer shall not disclose any such material to third parties without Seller's prior written consent. Buyer grants Seller a non-exclusive, non-transferable license to use Buyer's name and logo for marketing purposes, including but not limited to, press releases, marketing and promotional materials, and web site content.
5. **Changes.** Neither party shall implement any changes in the scope of Work described in Seller's Documentation without a mutually agreed upon change order. Any change to the scope of the Work, delivery schedule for the Work, any Force Majeure Event, any law, rule, regulation, order, code, standard or requirement which requires any change hereunder shall entitle Seller to an equitable adjustment in the price and time of performance.
6. **Force Majeure Event.** Neither Buyer nor Seller shall have any liability for any breach or delay (except for breach of payment obligations) caused by a Force Majeure Event. If a Force Majeure Event exceeds six (6) months in duration, the Seller shall have the right to terminate the Agreement without liability, upon fifteen (15) days written notice to Buyer, and shall be entitled to payment for work performed prior to the date of termination. "**Force Majeure Event**" shall mean events or circumstances that are beyond the affected party's control and could not reasonably have been easily avoided or overcome by the affected party and are not substantially attributable to the other party. Force Majeure Event may include, but is not limited to, the following circumstances or events: war, act of foreign enemies, terrorism, riot, strike, or lockout by persons other than by Seller or its sub-suppliers, natural catastrophes or (with respect to on-site work), unusual weather conditions.
7. **Warranty.** Subject to the following sentence, Seller warrants to Buyer that the (i) Work shall materially conform to the description in Seller's Documentation and shall be free from defects in material and workmanship and (ii) the Services shall be performed in a timely and workmanlike manner. Determination of suitability of treated water for any use by Buyer shall be the sole and exclusive responsibility of Buyer. The foregoing warranty shall not apply to any Work that is specified or otherwise demanded by Buyer and is not manufactured or selected by Seller, as to which (i) Seller hereby assigns to Buyer, to the extent assignable, any warranties made to Seller and (ii) Seller shall have no other liability to Buyer under warranty, tort or any other legal theory. The Seller warrants the Work, or any components thereof, through the earlier of (i) eighteen (18) months from delivery of the Work or (ii) twelve (12) months from initial operation of the Work or ninety (90) days from the performance of services (the "Warranty Period"). If Buyer gives Seller prompt written notice of breach of this warranty within the Warranty Period, Seller shall, at its sole option and as Buyer's sole and exclusive remedy, repair or replace the subject parts, re-perform the Service or refund the purchase price. Unless otherwise agreed to in writing by Seller, (i) Buyer shall be responsible for any labor required to gain access to the Work so that Seller can assess the available remedies and (ii) Buyer shall be responsible for all costs of installation of repaired or replaced Work. If Seller determines that any claimed breach is not, in fact, covered by this warranty, Buyer shall pay Seller its then customary charges for any repair or replacement made by Seller. Seller's warranty is conditioned on Buyer's (a) operating and maintaining the Work in accordance with Seller's instructions, (b) not making any unauthorized repairs or alterations, and (c) not being in default of any payment obligation to Seller. Seller's warranty does not cover (i) damage caused by chemical action or abrasive material, misuse or improper installation (unless installed by Seller) and (ii) media goods (such as, but not limited to, resin, membranes, or granular activated carbon media) once media goods are installed. THE WARRANTIES SET FORTH IN THIS SECTION 7 ARE THE SELLER'S SOLE AND EXCLUSIVE WARRANTIES AND ARE SUBJECT TO THE LIMITATION OF LIABILITY PROVISION BELOW. SELLER MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.
8. **Indemnity.** Seller shall indemnify, defend and hold Buyer harmless from any claim, cause of action or liability incurred by Buyer as a result of third party claims for personal injury, death or damage to tangible property, to the extent caused by Seller's negligence. Seller shall have the sole authority to direct the defense of and settle any indemnified claim. Seller's indemnification is conditioned on Buyer (a) promptly, within the Warranty Period, notifying Seller of any claim, and (b) providing reasonable cooperation in the defense of any claim.

9. **Assignment.** Neither party may assign this Agreement, in whole or in part, nor any rights or obligations hereunder without the prior written consent of the other party; provided, however, the Seller may assign its rights and obligations under these terms to its affiliates or in connection with the sale or transfer of the Seller's business and Seller may grant a security interest in the Agreement and/or assign proceeds of the agreement without Buyer's consent.

10. **Termination.** Either party may terminate this agreement, upon issuance of a written notice of breach and a thirty (30) day cure period, for a material breach (including but not limited to, filing of bankruptcy, or failure to fulfill the material obligations of this agreement). If Buyer suspends an order without a change order for ninety (90) or more days, Seller may thereafter terminate this Agreement without liability, upon fifteen (15) days written notice to Buyer, and shall be entitled to payment for work performed, whether delivered or undelivered, prior to the date of termination.

11. **Dispute Resolution.** Seller and Buyer shall negotiate in good faith to resolve any dispute relating hereto. If, despite good faith efforts, the parties are unable to resolve a dispute or claim arising out of or relating to this Agreement or its breach, termination, enforcement, interpretation or validity, the parties will first seek to agree on a forum for mediation to be held in a mutually agreeable site. If the parties are unable to resolve the dispute through mediation, *then* any dispute, claim or controversy arising out of or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this agreement to arbitrate, shall be determined by arbitration in Pittsburgh, Pennsylvania before three arbitrators who are lawyers experienced in the discipline that is the subject of the dispute and shall be jointly selected by Seller and Buyer. The arbitration shall be administered by JAMS pursuant to its Comprehensive Arbitration Rules and Procedures. The Arbitrators shall issue a reasoned decision of a majority of the arbitrators, which shall be the decision of the panel. Judgment may be entered upon the arbitrators' decision in any court of competent jurisdiction. The substantially prevailing party as determined by the arbitrators shall be reimbursed by the other party for all costs, expenses and charges, including without limitation reasonable attorneys' fees, incurred by the prevailing party in connection with the arbitration. For any order shipped outside of the United States, any dispute shall be referred to and finally determined by the International Center for Dispute Resolution in accordance with the provisions of its International Arbitration Rules, enforceable under the New York Convention (Convention on the Recognition and Enforcement of Foreign Arbitral Awards) and the governing language shall be English.

12. **Export Compliance.** Buyer acknowledges that Seller is required to comply with applicable export laws and regulations relating to the sale, exportation, transfer, assignment, disposal and usage of the Work provided under this Agreement, including any export license requirements. Buyer agrees that such Work shall not at any time directly or indirectly be used, exported, sold, transferred, assigned or otherwise disposed of in a manner which will result in non-compliance with such applicable export laws and regulations. It shall be a condition of the continuing performance by Seller of its obligations hereunder that compliance with such export laws and regulations be maintained at all times. BUYER AGREES TO INDEMNIFY AND HOLD SELLER HARMLESS FROM ANY AND ALL COSTS, LIABILITIES, PENALTIES, SANCTIONS AND FINES RELATED TO NON-COMPLIANCE WITH APPLICABLE EXPORT LAWS AND REGULATIONS.

13. **LIMITATION OF LIABILITY.** NOTWITHSTANDING ANYTHING ELSE TO THE CONTRARY, SELLER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR OTHER INDIRECT DAMAGES, AND SELLER'S TOTAL LIABILITY ARISING AT ANY TIME FROM THE SALE OR USE OF THE WORK, INCLUDING WITHOUT LIMITATION ANY LIABILITY FOR ALL WARRANTY CLAIMS OR FOR ANY BREACH OR FAILURE TO PERFORM ANY OBLIGATION UNDER THE CONTRACT, SHALL NOT EXCEED THE PURCHASE PRICE PAID FOR THE WORK. THESE LIMITATIONS APPLY WHETHER THE LIABILITY IS BASED ON CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER THEORY.

14. **Rental Equipment / Services.** Any leased or rented equipment ("Leased Equipment") provided by Seller shall at all times be the property of Seller with the exception of certain miscellaneous installation materials purchased by the Buyer, and no right or property interest is transferred to the Buyer, except the right to use any such Leased Equipment as provided herein. Buyer agrees that it shall not pledge, lend, or create a security interest in, part with possession of, or relocate the Leased Equipment. Buyer shall be responsible to maintain the Leased Equipment in good and efficient working order. At the end of the initial term specified in the order, the terms shall automatically renew for the identical period unless canceled in writing by Buyer or Seller not sooner than three (3) months nor later than one (1) month from termination of the initial order or any renewal terms. Upon any renewal, Seller shall have the right to issue notice of increased pricing which shall be effective for any renewed terms unless Buyer objects in writing within fifteen (15) days of issuance of said notice. If Buyer timely cancels service in writing prior to the end of the initial or any renewal term this shall not relieve Buyer of its obligations under the order for the monthly rental service charge which shall continue to be due and owing. Upon the expiration or termination of this Agreement, Buyer shall promptly make any Leased Equipment available to Seller for removal. Buyer hereby agrees that it shall grant Seller access to the Leased Equipment location and shall permit Seller to take possession of and remove the Leased Equipment without resort to legal process and hereby releases Seller from any claim or right of action for trespass or damages caused by reason of such entry and removal.

15. **Miscellaneous.** These terms, together with any Contract Documents issued or signed by the Seller, comprise the complete and exclusive statement of the agreement between the parties (the "Agreement") and supersede any terms contained in Buyer's documents, unless separately signed by Seller. No part of the Agreement may be changed or cancelled except by a written document signed by Seller and Buyer. No course of dealing or performance, usage of trade or failure to enforce any term shall be used to modify the Agreement. To the extent the Agreement is considered a subcontract under Buyer's prime contract with an agency of the United States government, in case of Federal Acquisition Regulations (FARs) flow down terms, Seller will be in compliance with Section 44.403 of the FAR relating to commercial items and those additional clauses as specifically listed in 52.244-6, Subcontracts for Commercial Items (OCT 2014). If any of these terms is unenforceable, such term shall be limited only to the extent necessary to make it enforceable, and all other terms shall remain in full force and effect. The Agreement shall be governed by the laws of the Commonwealth of Pennsylvania without regard to its conflict of laws provisions. Both Buyer and Seller reject the applicability of the United Nations Convention on Contracts for the international sales of goods to the relationship between the parties and to all transactions arising from said relationship.