

COLLEGE OF THE SEQUIAS COMMUNITY COLLEGE DISTRICT
Board of Trustees Meeting
November 10, 2025

CONSENT CALENDAR

10

Contract Award: Pool Boiler Replacement

| | |
|----------------|---------------------------------|
| Status: | Action |
| Presented by: | Byron Woods Dean, Facilities |

Issue

The District is requesting authorization to ratify a contract with Knorr Systems, International of Livermore, CA for the emergency replacement of the pool boiler at the COS Visalia campus.

Background

The existing boiler (heater) at the COS Visalia campus pool complex is a Camus MicoFlame 1800 MBTU four-stage unit that was installed in 2018. In early October 2025, the unit began experiencing 'flame outs' due to internal corrosion within the copper piping. Half of the burners deactivate and require a manual reset. The boiler has reached the end of its 7 to 10-year life cycle. An emergency replacement of the boiler is required to prevent further disruption of pool activities. Per the California Community College Athletic Association, the pool must maintain a minimum temperature of 78 degrees to host practices and events.

The attached proposal from Knorr Systems, International includes a turn-key installation of (2) Lochinvar Aquas 1000 MBTU boilers with external titanium heat exchangers. Unlike the existing Camus system, the external heat exchanger will avoid corrosion-related issues within the boiler, which will prolong the life of the equipment. Additional materials are required to expand the concrete pad, replumb all existing piping infrastructure, remove and reroute new intake and exhaust piping, and run all new controls to integrate with the existing BECSys7 system.

The replacement process on site is expected to take 7-10 days, however, the pool will remain available for District use throughout the duration of the work. When equipment is inoperable, District staff will facilitate manual efforts to maintain required health department compliance.

The total cost of the proposal is \$243,810.02. The expense will be funded by District capital project funds. Knorr Systems, International has been an industry leader in North American commercial aquatic facilities since 1977. The District is confident that their company has provided competitive pricing and will work collaboratively with all parties involved to mitigate the situation in a timely manner.

Recommended Action

It is recommended that the Board of Trustees authorize the District to ratify a contract in the amount of \$243,810.02 with Knorr Systems, International for the emergency replacement of the pool boiler at the COS Visalia campus.



ESTIMATE

College Of The Sequoias
 Heater Replacement, APX1000N (2) w/installation

Order # 328924
 Date 10/27/25
 Consultant Josh Lopez
 WQA Kim Slick
 Billing Terms Net 30

Proposed To

College Of The Sequoias
 Erin Ferguson
 915 S. Mooney Blvd.
 Visalia, CA 93277

Ship To

College Of The Sequoias
 Erin Ferguson
 915 S. Mooney Blvd.
 Visalia, CA 93277
 Phone: (559) 737-4870 Fax: (559) 737-5397
 Courier Service
 BEST WAY

Order Description

Scope of work:

Form concrete pad to support new heaters. to extend the heater pad 110" x 36" x 5".

Set 2) new apx1000n heating systems onto the modified heater pad, anchor apx1000n skid to the heater pad

Tee into the mechanical room sink water supply. install 3/4" cpvc from sink line to the heater location. install a backflow preventer and install 1/2" cpvc to each heater. Install 1/2" cpvc plumbing to a condensate discharge pump. plumb condensate pump to the floor drain in front of the pool filters. cover pipe with a cord protector ramp.

Supply, return, high limit sensor installation. thermometer installation. □

Install new conduits from circuit breaker panel and from the becsys7 relay panel to the heaters.

Order Items

| Line Item Code | Description | Quantity | Unit Price | Item Total |
|----------------|--|----------|------------|------------|
| HS-039-10058 | Lochinvar AQUAS APX1000N Indirect Pool Heating System, 6" Vent, Natural Gas, 97% Efficiency With Titanium Plate And Frame Heat Exchanger | 2 | 49,626.00 | 99,252.00 |
| HK-039-11216 | Condensate Neutralizer, 1M-2M Btu AQUAS | 2 | | |
| HK-009-00010 | Eko3 AQUAS Pool Heater Accessory Kit with two 9" variangle thermometers, two 3/4" NPT brass thermowell, one bronze flow indicator & one brass nipple | 2 | | |
| SU SC PW | Equipment Commissioning and Operator Training | 2 | | |
| 4020 | Installation Materials | 1 | 38,009.00 | 38,009.00 |
| KI | Technical Service | 1 | 82,360.00 | 82,360.00 |



Knorr Systems, Int'l. * Since 1977 * (800) 676-7946 * www.aquafinity.com
 Aquafinity * Santa Ana CA * Livermore CA





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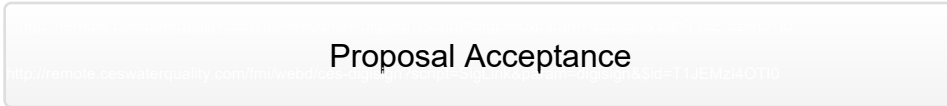
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| Bonds | Payment & Performance Bonds | 1 | 7,101.26 | 7,101.26 |
|-------|-----------------------------|---|----------|----------|
|-------|-----------------------------|---|----------|----------|

Additional Information

Please click link below to digitally accept this proposal



| | |
|-------------|------------|
| Subtotal | 226,722.26 |
| Adjustment | 0.00 |
| Total | 226,722.26 |
| Shipping | 5,675.55 |
| Tax | 11,412.21 |
| Grand Total | 243,810.02 |
| Payments | 0.00 |
| Payment Due | 0.00 |

Signature _____ Date _____

We are pleased to submit the above package for your consideration.

Terms & Conditions:

1. Orders paid by credit card will incur a 3.5% processing fee
2. Payment terms are subject to the credit agreement you have on file with KSI.
3. A deposit may be required to process your order
4. 18% APR is charged on all past due invoices
5. Pricing is valid for 30 days from date of this Estimate, after which is subject to change.
6. If applicable, returns must be pre-approved, shipped prepaid and accompany written RMA.
7. Minimum 20% restocking fee applies to all returns, % is based on actual manufacturer restock fee.
7. Freight cost is an estimate only and actual freight may be different at time of shipping.
8. Order is subject to applicable sales tax to ship point



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