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December 4, 2025

TO: LOCSD Board of Directors

FROM: Ron Munds, General Manager

SUBJECT: **Agenda Item 7E – 12/04/2025 Board Meeting**
Adoption of Resolution 2025-20 Approving a Non-Competitive Bid Contract with Hartzell General Engineering Contractor, Inc. (Hartzell) for Phase 1 of the 16th Street Booster Pump Station Repair and Pump Replacement Project.

STAFF RECOMMENDATION

This item will be approved along with the Consent Calendar unless it is pulled by a Director for separate consideration. If so, Staff recommends that the Board adopt the following motion:

Motion: I move that the Board:

1. ***Adopt Resolution 2025-20 approving a non-competitive bid contract with Hartzell General Engineering Contractor, Inc., for pump installation and repair services for the 16th Street Booster Pump Station for an amount not to exceed $74,500; and***

2. ***Approve a total project budget of $89,500.***

DISCUSSION

Background

The District owns and operates a booster pump station at the 16th Street water storage tank site. This is a critical facility in that it provides water to over half of the District's water service area and provide the much-needed fire flows during a fire emergency. The booster station has three large booster pumps and one smaller "jockey" pump. The pump station was built in 2008 and all of the pumps were installed at that time. There has been routine maintenance and other work performed over the years to keep them operational.

Earlier this year, the jockey pump, which runs routinely the majority of the time, failed. Because of the age of the pumps, there are no similar replacement pumps available. Staff and the District Engineer started researching options for replacement of all four pumps and what it would take to modify the intake and discharge point to align with the water system.

During this period, one of the three large booster pumps also failed and the two remaining pumps are showing signs that they may fail in the near future.

The estimated cost for this phase of the project, including support services, is estimated at $89,500.

Non-Competitive Bid Contracting with Advantage Technical Services

Under the District's procurement policy, projects of this size and estimated cost can be awarded by negotiated contract or by purchase order. Because of the long lead time to receive the pumps and materials, up to ten weeks, staff is requesting that the Board adopt a resolution to approve a non-competitive contract with Hartzell for an amount not to exceed $74,500.

Through a competitive process, Hartzell has been awarded two recent projects that were similar in scope of work, the 10th Street Transfer Pump Project and the well equipping phase of the Program C/Bay Oaks Well Project. Based on Hartzell's experience working on the District's water infrastructure and their competitive bids on other recent projects, staff is recommending approval of a non-competitive bid contract with Hartzell.

Financial Impact

The estimated capital expense of approximately $89,500 is not included in the 2025-26 capital project budget. Staff is requesting that the Board approve the project and budget at this time. Funding will be by a combination of unassigned cash and reserves from Fund 500. At mid-year budget review, staff will make a recommendation on a reprioritizing the 2025-26 capital program to account for this expenditure.

Capital Outlay Reserves	Unassigned Cash
$2,173,855.12	$449,390

The estimated cost of the project, including support services, is as follows:

Task	Costs
Pump replacement & repair work	$74,500
Wallace Group Project Support/Admin	$15,000
Total Budget	**$89,500**

Attachments

Resolution 2025-20
Project Technical Memorandum

Date: December 4, 2025
Agenda Item: 7E
( ) Approved
( ) Denied
( ) Continued

RESOLUTION NO. 2025-20

RESOLUTION OF THE BOARD OF DIRECTORS OF THE LOS OSOS COMMUNITY SERVICES DISTRICT APPROVING A NON-COMPETITIVE CONTRACT WITH HARTZELL GENERAL ENGINEERING CONTRACTOR, INC. FOR THE 16TH STREET BOOSTER PUMP REPLACEMENT AND REPAIR PROJECT

WHEREAS, the Los Osos Community Services District ("District") Board of Directors (Board) is an Independent State Agency formed and authorized to provide services within its jurisdiction, pursuant to Section 61000 et. Seq. of the California Government Code; and

WHEREAS, the District adopted Resolution 2022-29 on October 6, 2022, which prescribes the process for approving non-competitive agreements with a contractor; and

WHEREAS, Under the District's procurement policy, projects of this size and estimated cost can be awarded by negotiated contract or by purchase order without a formal bidding process; and

WHEREAS, the District solicited bids from qualified contractors to provide transfer pump replacement and well equipping work in 2023; and

WHEREAS, Hartzell General Engineering Contractor, Inc. (Hartzell) provided the most responsive, competitive cost for those services and performed the work as required; and

WHEREAS, Hartzell has consistently provided construction services work for the District on multiple other projects; and

WHEREAS, the not to exceed contract amount of $74,500 is considered reasonable when compared to cost estimates for similar services related to other District water distribution projects.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE LOS OSOS COMMUNITY SERVICES DISTRICT DOES HEREBY RESOLVE AS FOLLOW:

Section 1. Based on Hartzell's overall experience in the water industry, their unique knowledge and experience with the District's water facilities, familiarity with the project and their competitive cost proposal, approval of a non-competitive bid contract with Hartzell is appropriate.

On the motion of Director ______________________, seconded by Director _________________________, and on the following roll call vote, to wit:

Ayes:____
Noes:____
Abstain:____
Absent:____

The foregoing resolution is hereby passed, approved, and adopted by the Board of Directors of the Los Osos Community Services District this 4th day of December 2025.

____
Christine M. Womack
President, Board of Directors
Los Osos Community Services District

ATTEST: APPROVED AS TO FORM:

________________________________	________________________________
Ron Munds	Craig A. Steele
General Manager and Secretary to the Board	District Legal Counsel

MEMORANDUM

Los Osos CSD
16^{th} Street Booster Pump Replacement

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WATER RESOURCES

Date: November 7, 2025

To: Nate Pall/Ron Munds

From: Rob Miller/Steve Tanaka

Subject: 16^{th} Street Booster Pump Replacement

On August 12, 2025, Steve met with Nate at the project site to review field conditions in anticipation of replacing the main booster pumps and the single jockey pump at the 16^{th} Street booster station. This booster station pumps potable water from the 16^{th} Street Tanks to the Boosted Zone.

Two “good match” replacement pumps for the main booster pumps, and the single jockey pump, have been identified. It is likely that both pumps would require some fit-up type work to properly align pump/motor centerpoint with existing piping flanges.

Main Booster Pumps P1, P2, P3

The record drawings show the existing pumps are 20 HP pumps, variable speed end centrifugal pumps, 625 gpm@72 feet TDH.

The three pumps have identical install configuration. Each pump rests on a grout leveling course, that sits atop a concrete pedestal. This leveling course allows flexibility in the “z” direction to properly align the pump vertically with suction and discharge piping/valves. The pump pedestal is sufficiently wide and long to allow several inches of movement/shifting of the pump in the “x” and “y” directions. Also, the suction piping connection includes two FLGxPE pipe spools connected with a Victaulic coupling, also allowing adjustability in the “y” direction to connect suction piping to the pump suction flange.

The pumps are configured for vertical discharge. Based on my preliminary review of field measurements, flexibility with the grout leveling course, it appears that this configuration can be accommodated with suction flange mating to existing piping by adjusting grout leveling course in conjunction with FLGxPE/Victaulic pipe connection length adjustment; the vertical discharge can mate to existing piping by providing one new 90 degree Ell, two new longer pipe spools (pipe specials, one on the horizontal pipe run, one on vertical pipe run) then mating exactly to the existing 4” check valve/piping. All of the dimensions and tolerances appear to be within the ability to adjust height/depth of the grout leveling course and horizontally adjusting the pump base (and connecting suction piping) until it properly aligns concentrically with existing flanges, coupled with providing new pipe spools of proper length. In order to make sure the discharge flange connection properly aligns with existing piping, installing the pump discharge in the vertical position is the best configuration, and then the

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connections to discharge piping can be adjusted by providing new pipe spools of adequate length to complete the fit-up of the pump. If the pump discharge is in the horizontal position, even if the suction flange lines up to existing piping, the discharge flange may not properly align to the existing check valve centerline due to difference in the "DC" dimension between the existing and new pump casing. The new pump would be field-fit as follows:

	Piping/Pump Adjustment Direction		
Description	**x**	**y**	**z**
Mate Pump Discharge to Piping	A, D	A	B
Mate Suction Flange to Suction Piping	A	C	E

A. Position horizontally on new leveling course
B. Longer vertical Pipe Spool and new 90 Deg. Ell connected to discharge flange.
C. Adjust length of suction piping by modifying FLGxPE spool length connection by victaulic coupling.
D. Horizontal pipe spool between exist. Check valve and exist. 90 deg. Ell
E. Position vertically with height of new grout leveling course

The attached exhibit illustrates how the field-fit would work.

Brax Co/Aurora Pump.
- Design Point, 627 gpm@72.4 feet TDH

DXP/Xylem Pump.
- Design Point, 632 gpm@73.6 feet TDH

Jockey Pump

The record drawings show the jockey pump is a 7.5 HP end centrifugal pump, 250 gpm@74 feet TDH.

The jockey pump would be field-fit similar to that described for the larger booster pumps. However, in addition to field-fit of the piping, the reducing PRV and associated pipe support/stand will need to be raised/adjusted to accommodate the re-configuration of pump discharge (horizontal) and raised piping.

Brax Co/Aurora Pump.
- Design Point, 250 gpm@74 feet TDH

DXP (Xylem) Pump.
- Design Point, 267 gpm@84.5 feet TDH

Brax Co/Aurora. The identified matching NSF-certified pump is Aurora Model 3804 (3" suction, 2.5" discharge), 7.5 HP end centrifugal pump.

DXP/Xylem. The identified matching NSF-certified pump is Xylem Model 6BF1L9E3, 10 HP end centrifugal pump. Under total head conditions of around 74 feet, this pump would pump upwards of 325 gpm, It is assumed this higher pumping rate would be acceptable to the District, but should be verified.

Costs and Lead-Time Considerations

All pump costs include purchase price, contractor markup, shipping, taxes. Pump installation cost includes estimated labor, and piping/parts.

Main Booster Pumps P1, P2 and P3

Notes:

- All quotes exclude freight to LOCSD, but include taxes. A 15% contractor markup is added to the cost of the pump, and labor and associated materials costs are estimated based on review with a local contractor (Hartzell). Quote also includes one day of the Pump MFG representative for field startup services.
- Existing power conduit and wiring is adequate to re-connect wiring to new pumps, without the need to pull new wiring through conduit.
- All wetted parts are NSF 61 approved.
- Pump motors are compatible with VFD.

Brax Co (Aurora 3804):

- Quote, $13,390 (each pump) excluding taxes and shipping
- Lead-Time, 10 weeks from submittal approval

DXP (Xylem) Model 17BF2N9CO:

- Quote, $13,481 (each pump) excluding taxes and shipping
- Lead-Time, 6-8 weeks from submittal approval

Jockey Pump

Brax Co (Aurora 3804):

- Quote, $$6,600 which includes taxes, but excludes shipping
- Lead-Time, 10 weeks from submittal approval

DXP (Xylem) Model 6BF1L9E3:

- Quote, $6,068
- Lead-Time, 4 to 6 weeks from submittal approval

Contracting Considerations

If all four pumps (three main boosters, 1 jockey) are purchased and installed at the same time, the total contract value is estimated at $150,000 to $175,000 and would warrant preparing a bid package for public competitive bidding. A total budget of $200,000 for design, bidding, construction should be established.

If pumps are installed one at a time, individual costs were estimated based on working directly with a local Contractor, such as Hartzell.

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Individual Pump Replacement (One at a Time)				
Item	Quantity	Unit	Unit Price, $	Extended Price, $
MAIN BOOSTER PUMPS				
Main Booster Pump Quote	1	EA	$ 14,601.27	$ 14,601.27
Shipping	1	LS	$ 1,000.00	$ 1,000.00
Contractor Markup	1	LS	$ 1,679.15	$ 1,679.15
Installation & Mat'ls	1	LS	$ 25,000.00	$ 25,000.00
MFG Startup	1	LS	$ 1,030.00	$ 1,030.00
Contingency@10%				$ 4,228.04
SUBTOTAL:				**$ 47,538.46**
JOCKEY PUMP				
Jockey Pump Quote	1	EA	$ 6,572.25	$ 6,572.25
Shipping	1	LS	$ 750.00	$ 750.00
Contractor Markup	1	LS	$ 985.84	$ 985.84
Installation & Mat'ls	1	LS	$ 15,000.00	$ 15,000.00
MFG Startup	1	LS	$ 1,030.00	$ 1,030.00
Contingency@10%				$ 2,330.81
SUBTOTAL:				**$ 26,668.90**

The estimated cost for replacing all four pumps under a single publicly bid project is presented on the next page.

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Replace All Three Boosters and Jockey				
Item	Quantity	Unit	Unit Price, $	Extended Price, $
MAIN BOOSTER PUMPS				
Main Booster Pump Quote	3	EA	$ 14,601.27	$ 43,803.81
Shipping	1	LS	$ 2,000.00	$ 2,000.00
Contractor Markup	3	LS	$ 1,679.15	$ 5,037.44
Installation & Mat'ls	3	LS	$ 25,000.00	$ 75,000.00
MFG Startup	1	LS	$ 1,030.00	$ 1,030.00
Contingency@10%				$ 12,584.13
SUBTOTAL:				**$ 139,455.38**
JOCKEY PUMP				
Jockey Pump Quote	1	EA	$ 6,572.25	$ 6,572.25
Shipping	1	LS	$ 750.00	$ 750.00
Contractor Markup	1	LS	$ 985.84	$ 985.84
Installation & Mat'ls	1	LS	$ 15,000.00	$ 15,000.00
MFG Startup (incl. above)	0	LS	$ 1,030.00	$ -
Contingency@10%				$ 2,330.81
SUBTOTAL:				**$ 25,638.90**
CONSTRUCTION TOTAL:				**$ 165,094.27**
Design				$ 25,000.00
Bidding				$ 5,000.00
PROJECT TOTAL:				$ 195,094.27
CIP BUDGET:				**$ 200,000**