

Lompoc Unified School District

NOTICE TO BIDDERS

Notice is hereby given that the governing board ("Board") of the Lompoc Unified School District (LUSD) ("District" or "Owner") will receive sealed bids for the following project, **B1-24: CHS Aquarium Coastal Wetlands Exhibit**. Sealed Bids will be received until **2:00 p.m., Tuesday, June 20, 2023**, at the **District Office Purchasing Department, 1301 North A Street, Lompoc California**, at or after which time the bids will be opened and publicly read aloud. Any bid that is submitted after this time shall be non-responsive and returned to the bidder. Any claim by a bidder of error in its bid must be made in compliance with section 5100 et seq. of the Public Contract Code.

Project Description: Fabricate and install the two saltwater exhibits as described below:

Exhibit 1 - A temperate saltwater shark touch pool exhibit as specified below. The long-lasting exhibit should include rockwork and Corian cladding similar to that found in the facility's Interactive Tidepool Exhibit, along with an overall organic aesthetic that elicits the local wetlands environment found at the terminus of the Santa Ynez River at Surf Beach. Total tank length should be roughly 15 feet long, and 12 feet wide (including 6" front step and rear simulated boardwalk wheelchair ramp), with a water level around 24 inches and 4-inch air gap. The support stand must be built as low to the ground as possible (4 inches) to allow for visitors of all ages and abilities to interact with the exhibit. The exhibit must be plumbed into one of the facility's existing central life support systems with no significant modifications made to existing infrastructure. Museum-grade exhibit lighting will be mounted in the ceiling. The four current exhibits within the new touch pool footprint will also need to be relocated and/or removed, based on available space.

Exhibit 2 - A tropical 830-gallon saltwater system as specified below. The system will consist of a reef tank, repurposed existing water table, combined stand, and dedicated life support system. The reef tank and water table will be oriented end to end on a shared stand which will contain one combined life support system featuring the latest lighting and water quality technology. The system will be designed with all necessary equipment to manage nutrients and minerals necessary for keeping stony corals.

It is estimated that the two exhibits combined will cost \$540,000-560,000. An itemized list of exhibit specifications and components is included below:

1. Touch Pool Exhibit

- a. Pool – acrylic windows with fiberglass bonding seams 1,200 gallons
- b. Artificial fiberglass epoxy rockwork similar in color & texture to existing rockwork in facility to conceal plumbing
- c. Artificial fiberglass epoxy pier pilings to simulate estuary environment and conceal seams & plumbing
- d. Any necessary hardware to be FRP or 316-stainless steel
- e. All visible tank seams to use museum grade vertical bonds
- f. Plumbing – all pipes, valves, and fittings to be SCH 80 PVC
- g. Custom vinyl estuary image mounted to wall behind exhibit (perforated over window)
- h. Kessil W500S LED lighting units mounted in ceiling

2. Touch Pool Support Stand

- a. Custom fabricated from 4" FRP beams
- b. Appropriate tabs for anchoring to concrete slab
- c. Appropriate capture plates to prevent shifting of pool on stand
- d. All hardware to be FRP or 316-stainless steel
- e. 6" high step across front face of touch pool

- f. Rear handicap ramp made of synthetic decking materials to simulate estuary boardwalk
- g. Ramp hand rail made of synthetic decking materials and space below railing filled in with estuary image
- h. Include solid surface Corian cladding over support stand to coordinate with Almond Pearl cladding on existing Interactive Tidepool exhibit

3. Tropical Exhibit

- a. 120" L x 30" W x 30"H glass or acrylic tank
- b. 2" stainless steel frames with two center braces
- c. Two 15"x6" corner overflow boxes
- d. Opaque background

4. Tropical Water Table

- a. Existing 10' long acrylic water table to be removed from current system and relocated to new stand

5. Tropical Combined Support Stand

- a. 240" long, fitting reef tank & water table end to end
- b. 2" FRP tubing
- c. 1" FRP grate top
- d. ½" gray marine board bottom shelf
- e. All hardware to be FRP or 316-stainless steel

6. Tropical Combined Life Support System

- a. Industrial PVC sump
 - i. Bag filters for mechanical filtration
 - ii. Open bath UV sterilization rated at 90 MJ/CM²
 - iii. Submersible skimmer chamber
 - iv. Bubble trap
 - v. Submersible supply pump chamber
- b. High efficiency redundant Abyzz supply pumps
- c. Submersible Reef Octopus protein skimmer
- d. AquaLogic DS-7 chiller
- e. Custom Neptune Apex System
- f. Neptune Apex Trident automatic testing device
- g. Neptune Apex DOS dosing pumps
- h. ESV 2-part solution (one 5-gallon pail set)
- i. Two industrial MRS fluidized reactors (carbon/GFO/other chemical media)
- j. Two Panta Rhei EM63 powerheads, including honeycomb strainer baskets
- k. Five Ecotech Radion G6 Pro LED lights for tank
- l. Eight 48" ReefBrite XHO LED strip lights for water table
- m. Tunze Osmolator ATO system
- n. Local ATO reservoir
- o. SCH 80 pipe and fittings
- p. SCH 80 valves, check valves, tank adaptors
- q. All hardware to be FRP or 316-stainless steel
- r. Simple opaque cladding to conceal life support components

7. Labor

- a. Off-site fabrication
- b. On-site assembly & bonding of touch pool segments, exhibit component installation, water testing, start-up, training
- c. Project management
- d. Freight to ship all exhibit materials to Aquarium

The Bidder is required to possess the following State of California contractor license: **C61/D34 Specialty CA Contractor's License – Installation of Prefabricated Equipment.** The Bidder's license(s) must remain active and in good standing throughout the term of the Contract.

A **mandatory pre-bid conference** and site visit will be held on **Wednesday, June 7, at 10:00 a.m. sharp**, meeting at the parking lot of the Cabrillo High School located at 4350 Constellation Road, Lompoc, CA, 93436. The pre-bid conference and site visit is expected to take approximately one hour. Failure to attend will render bid ineligible.

To bid on this Project, the Bidder is required to be registered as a public works contractor with the Department of Industrial Relations pursuant to the Labor Code. The Bidder's registration must remain active throughout the term of the Contract.

All bids shall be on the form provided by the District. Each bid must conform and be responsive to all pertinent Contract Documents, including, but not limited to, the instructions to Bidders.

A bid bond by an admitted surety insurer on the form provided by the District, cash, or a cashier's check or a certified check, drawn to the order of the Lompoc Unified School District, in the amount of then percent (10%) of the total bid price, shall accompany the Bid Form and Proposal, as a guarantee that the Bidder will, within **seven (7)** calendar days after the date of the Notice of Award, enter into a contract with the District for the performance of the services as stipulated in the bid.

The successful Bidder shall be required to furnish a 100% Performance Bond and a 100% Payment Bond if it is awarded the contract for the Work.

Pursuant to Public Contract Code section 7201 the Districts Board or its designee has determined this Project requires retention in the amount of five percent (5%).

The Contractor and all Subcontractors under the Contractor shall pay all workers on all work performed pursuant to this Contract that less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locally in which the work is to be performed within the boundaries of the District, pursuant to sections 1770 et seq. of the California Labor Code. Prevailing wage rates are available from the District or on the internet at: <<http://www.dir.ca.gov>>.

The District shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on **the base bid amount only**.

Questions must be submitted in writing/email (purchasing@lusd.org) by June 14, 5:00PM. Questions and Answers will be posted on the District website <https://www.lusd.org/departments/purchasing-services> by the end of the day on June 16, 2023.

The Board of Education of the Lompoc Unified School District reserves the right to reject any and all submittals. The District makes no representation that participation in the RFP process will lead to an award of contract or any consideration whatsoever. In no event will the District be responsible for the cost of preparing a response to this RFP. The District also reserves the right to waive any informalities or irregularities in received submittals. All Respondents will be responsible for obtaining any addendums or revisions to the project which will be posted in the same manner as the RFP documents.





