# REQUEST FOR BID

Subject to conditions prescribed by the University of California, Agriculture and Natural Resources, bids are requested for the following work:

## 125HP Large Well Repairs

Project Number: HA7621-A
University of California, Agriculture and Natural Resources
Hansen Agricultural Research and Extension Center
5352 Beardsley Road
Camarillo, CA, 93010

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Procedures: All bidding documents are available in at UCANR's bidding platform at https://www.ucanrplanroom.com/. Please register and download all bidding documents.

**BID DEADLINE**: Bids must be received on or before **3:00 pm on Tuesday, March 17, 2026,** for furnishing all labor, materials, services, and equipment to complete the Work described below in accordance with the Bidding Documents.

**MANDATORY PRE-BID JOB WALK:** Bidders must attend a mandatory pre-bid job walk between 7:00 am - 4:00 pm any day starting from **Monday, February 9, 2026, through Friday, February 20, 2026**. An appointment must be made with Superintendent Adam Novicki at (805) 525-2324 and/or amnovicki@ucanr.edu. Only bidders who participate in the pre-bid job walk in its entirety will be allowed to bid on the Project as a prime contractor. The pre-bid job walk will be held at Hansen Agricultural Research and Extension Center, 5352 Beardsley Road, Camarillo, CA, 93010.

**REQUESTS FOR CLARIFICATION** or interpretation of the Bidding Documents must be in writing and received by **Friday, February 27th, 2026 no later than 2:00pm**. Questions received after the above-noted deadline may be answered at the discretion of the University's Representative. Questions may be emailed to: Brian Krall, Project Manager at bkrall@ucanr.edu

**PROJECT BACKGROUND:** The existing well and pump assembly stopped working in January 2025 and had significant sand infiltration and loss of volume. The pump assembly was removed, the well filmed and found to have approximately 230' of fine sand build-up, with moderate plugging of screens with fill and soft material. The bowl assembly bearings were found to be worn and the bowl castings critically damaged due to sand cutting.
The well has had rehabilitation work completed in two phases. Phase 1 rehab included app. 60 hours of airlift work combined with app. 36 hours of air bursting to remove as much fill as possible and to clear screens and remove light scale from casings. A video survey of well documented a significant improvement in well conditions, with nearly all sediment and scale removed, and clearing of previously plugged screen sections. Phase 2 rehab focused on pump and sand testing, using a VFD controlled pump to test performance under varying horsepower and flow rates. Sand testing was also performed to monitor production quality, with video documentation during operation to monitor performance in real time.
Based on the completed rehabilitation work, we are proceeding to rebuild the existing well to the below specifications.

**DESCRIPTION OF WORK:** Furnish all labor, materials, services, insurance, bonds and equipment to complete the Work described below.

**Pump Assembly**

- Bids shall include the inspection and refurbishment of all reusable assembly components and the replacement of all components found to be unrepairable.
- Bids shall include the supply and installation of a new complete pump assembly, with all wiring, start-up and testing necessary for operation of pump.
- Pump assembly to be Flowise 11HS – 6 Stage, Oil lubricated bowl assembly, semi open impellers for sandy conditions, 950 GPM with multiple set points, 400' of TDH & 285' of TDH, Bowl with Bronze backed marine bearings and 17-4 PH shaft material. No plug in suction case and no sand cap. Stainless steel 304 SS impellers, **OR Equivalent.**
- 440' of 8" x 20' x 0.278" carbon steel column pipe, threaded and coupled, 440' of 2.5" sch 80 tube with bronze retainers every 5', 440' of 1.5" 1045 steel shaft, threaded and coupled, 460' of 2" PVC flush threaded pipe and 12 ea. 8" x 2.5" Black Widow Spiders.
- 440' of ¼" SS airline with banding and buckles.
- Bid shall include 100' diffusion strainer (slot aperture TBD) and epoxy coating of bowl assembly.

**Variable Frequency Drive**

- Bids shall include the supply and installation of a Variable Frequency Drive control panel and cabinet to control the new pump assembly.
- VFD to be 150 HP ABB ACS 580 Series NEMA 1, Enclosed Variable Frequency Drive, 400-480 VAC 3 Phase Input, 480 VAC 3 Phase Output, 180 Amps, ACS580-01180A-4, **OR Equivalent**.
- TCI Line Reactors, KDR Series, Low Z Type 3, **OR Equivalent**.
- nVent Hoffman Coolong G280446G700 Outdoor AC, Level 1, 4000BTU, 1172W, 400/460V, 7.7A, SpectraCool Series, **OR Equivalent**.
- nVent Hoffman DAH501TS Touch-Sahe Heater, Enclosure Accessory, 110/120AC/DC 50W, **OR Equivalent**.
- Schneider Electric Modular Smart Relay: 16 (Discreet), 10 (Relay), 100 to 240V AC, **OR Equivalent**.

**Sand Separator**

- Bids shall include the supply and installation of a sand separator.
- Lakos LGS 750-1450 GPM Sand Separator, Flanged, **OR Equivalent**.
- Fabricate and install concrete anchor pedestal.
- Modify and fabricate new discharge line, painted.

- All work to be completed in a professional manner according to manufacturer's specifications and building codes. Work to be scheduled for install in November 2025 - January 2026.
- Payment Bond required for contract sums of $25,000 and above and an additional Performance Bond required for sums of $50,000 and above.

The successful Bidder will be required to have the following California current and active contractor's license at the time of submission of the Bid: C-57 Well Drilling, and/or D-21 Machinery and Pumps.

The work described in the contract is a public work subject to section 1771 of the California Labor Code.

No contractor or subcontractor may be listed on a Bid for this project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

No contractor or subcontractor may be awarded any portion of this project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

In addition, the University is committed to promoting and increasing participation of small business enterprises (SBEs) and disabled veteran business enterprises (DVBEs) relating to all goods and services covered under the awarded agreement, subject to any and all applicable obligations under state and federal law, and University policies.

The successful Bidder shall pay all persons providing construction services and/or any labor on site, including any University location, no less than the UC Fair Wage (defined as $15 per hour) and shall comply with all applicable federal, state and local working condition requirements.

Every effort will be made to ensure that all persons, regardless of race, religion, sex, color, ethnicity, and national origin, have equal access to contracts and other business opportunities with the University. Firms will be asked to show evidence of their Equal Employment Opportunity Policy. The successful Bidder and its subcontractors will be required to follow the nondiscrimination requirements set forth in the Bidding Documents and to pay prevailing wage at the location of the work.

Estimated construction cost: $260,000 – $280,000.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
University of California, Hansen Agricultural Research & Extension Center, 1/27/2026