

ADVERTISEMENT FOR BIDS

Subject to conditions prescribed by the University of California, University of California Agriculture, and Natural Resources, Lindcove Research & Extension Center (LREC) sealed bids for a lump-sum contract are invited for the following work:

Irrigation Water Storage Reservoir – Irrigation System Update, Project Number: 7301-C LREC
UCANR Lindcove Research & Extension Center, 22963 CARSON AVE., EXETER, CA 93221

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PROCEDURES: Bidding documents will be available on **March 11, 2026** at UCANR's bidding platform at <https://www.ucanrplanroom.com/>. Please register and download all bidding documents. Bid Results and Award info will also be available at <https://www.ucanrplanroom.com/> at time of award.

BID DEADLINE: Bids must be submitted via <https://www.ucanrplanroom.com> platform on or before **April 13, 2026 at 5:00 pm.**

MANDATORY PRE-BID JOB WALK: Bidders must attend a **mandatory** pre-bid conference and job walk and will be conducted on **March 24, 2026 at 10:00 am**, at Lindcove Research and Extension Center, 22963 CARSON AVE., EXETER, CA 93221; Tel number 916-206-1676.

REQUESTS FOR CLARIFICATION: Bidders shall submit RFIs no later than **March 31, 2026 by 3:00 pm** to Micheal Zwahlen, Project Manager at mczwahlen@ucanr.edu

BID OPENING: Bids will be opened on **April 14, 2026 at 09:00 AM** via zoom at: <https://ucanr.zoom.us/j/91693323445?pwd=WrKXMEbH2w5mcZ95UmBAXpAbdJDiak.1>

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: **Class "A" General Building and/or Class "B" General Building Contractor's License, in addition to a C-10 Electrical Contractors License.**

Description of Work: Provide labor, equipment and installation to provide real-time data about the soil and tree water status in various fields and environmental monitoring of greenhouses at LREC. The irrigation monitoring and controls system will allow monitoring of the reservoirs' water levels and control of the irrigation distribution and scheduling in the field and different greenhouses. The system must provide accurate measurement and reporting of the water use in each field continuously. Contractor will install technology to upgrade the existing irrigation systems, connect and monitor all the sensors related to soil moisture, flow meters, dendrometers, greenhouses environmental conditions, reservoir levels, and wind machine monitoring that can be controlled remotely from a dashboard platform. Project includes supply and installation of a new 30HP irrigation booster pump to the existing irrigation system. Provide and install 4 temperature sensors in the 4 greenhouses that will send reporting and an alarm to the dashboard of the

irrigation system and send text message alerts to operators when temperature and/or irrigation system parameters are out of preset operating ranges.

Install temperature sensors in 3 walk-in cold boxes and 3 cold rooms to alert if temperatures go out of prescribed operating range. Install 2 flow meters at the 2 pumping stations to monitor water flow and total usage. Install reservoir water level meter at both reservoirs to report water volumes. Provide the technology required to connect all sensors and flow meters using one system with high-quality components and without any annual subscription required. The irrigation monitoring and control system should be capable of connecting with any other technology in the market if needed in the future, such as soil temperature or any other sensors. The upgrade of the irrigation system will require close attention in the beginning to establish the system requirements and troubleshoot installation and operations. Provide new irrigation system on mountain field - two sets of irrigation lines, emitters, tubing, sensors, and controls. Provide drainage system for mountain field to connect to existing drainage system as specified in the items list. Provide electrical service from source at bottom to point at top of the mountain to provide sub panel with 30amp 120 volts service. Provide water service (1.5 inch schedule 40 PVC) from existing system at bottom of the mountain to a point at the top of the mountain.

Other required specifications include a warranty/service on system components that must be transferable, Products and installation must include software updates for 10 years, 5 years of automation and hardware components warranty, and 10 years of automation data connection fees included. Upon installation of system, owner must be able to monitor intake on water delivery, all alerts to server and notifications should be messaged by text message for system issues and greenhouses or cold boxes when temperatures go out of range. Monitoring and adjusting automation controls should be accessible from phone, tablet (iPad) or PC and viewed in real time on monitor in main office. Any needed repairs to system that are caused by component failure (not environmental damage from rodents, weather or physical damage) shall be performed by contractor within the warranty period. The proposed system should offer satellite mapping with weather data and daily evapotranspiration (ET) levels. The system proposed must integrate with the facilities existing sensors, dendrometers and weather stations, as well as existing variable frequency drives (VFDs) to control pump automation and wind machines, including temperature sensors and operation of wind machine. The automated irrigation control system must communicate using either cellular data or WiFi – with no additional subscription or fee required. Bid and contract for project must include staff training and technical support for 10 year for entire system. List of equipment is provided.

Bid Security in the amount of 10% of the Anticipated Contract Amount Shall accompany each Bid for bids over \$640,000. The surety issuing the Bid Bond shall be, on the Bid Deadline, an admitted surety insurer (as defined in California Code of Civil Procedure Section 995.120).

Every effort will be made to ensure that all persons have equal access to contracts and other business opportunities with the University within the limits imposed by law or University policy. Each Bidder may be required to show evidence of its 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.

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 awarded contractor shall make best efforts to provide qualified SBEs and DVBES with the maximum opportunity to participate.

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

No contractor or subcontractor, regardless of tier, may be listed on a Bid for, or engage in the performance of, any portion of this project, unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 and 1771.1.

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

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.

Estimated construction cost: **\$650,000**

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
University of California, Lindcove Research & Extension Center

March 10, 2026