



INVITATION TO BID

Piezometer Transect Study Project

Date: February 27, 2020

RECEIPT OF BIDS: Sealed bids for construction of the Piezometer Transect Study Project will be received by the Shasta Valley Resource Conservation District. Sealed bids are to be delivered to the following address by **March 18, 2020** at or before **2:00 pm**.

Shasta Valley Resource Conservation District
215 Executive Ct., Suite A
Yreka, CA 96097

OBTAINING BID DOCUMENTS: Copies of the BID DOCUMENTS may be obtained on or after **February 27, 2020** by calling the SVRCD at (530) 572-3120 or stopping at the SVRCD office. If you plan to obtain bid documents at the mandatory pre-bid tour, please email Ethan Brown, Project Manager, at ebrown@svrccd.org to give notification of your interest in doing so. Additionally, bid documents can be found under the job posting at the Shasta Builders' Exchange website.

REVIEWING BID DOCUMENTS: Copies of the BID DOCUMENTS will be available for viewing at the SVRCD (location noted above) between the hours of 9:00 am and 4:00 pm weekdays, except holidays.

DESCRIPTION OF WORK: The SVRCD has been awarded funding through the Department of Water Resources' (DWR) Sustainable Groundwater Planning (SGWP) grant program to implement a robust groundwater monitoring network in order to meet the goals and requirements of California's Sustainable Groundwater Management Act (SGMA). SGMA requires that local entities form Groundwater Sustainability Agencies (GSA) and develop a groundwater model and Groundwater Sustainability Plan (GSP) for their respective basins. As part of the monitoring network, the SVRCD is conducting piezometer transect studies, herein referred to as "the Project", at three discrete locations in the Shasta Valley groundwater basin. At each of the three locations the Project consists of installation of a stilling well to measure river stage within the channel, and up to four piezometers, or shallow monitoring wells, in a series spanning key reaches of primary surface water bodies within the basin. The piezometer transects will provide critical information about when a given reach is gaining water, losing water, and increase

understanding of interactions between surface water and groundwater. The locations of the three piezometer transect studies are adjacent to the Shasta River overpass bridges on County Routes A12 and A28, and at the Little Shasta River near Harry Cash Road.

PRIMARY CONSTRUCTION ACTIVITIES: The Project will consist of drilling and constructing four piezometers at each of the three transect locations configured such that two piezometers are located on either side of the river. Each piezometer in a given transect shall be sufficiently spaced apart from the others as to capture local changes in the depth to the water table. Piezometers shall be drilled to an approximate depth of ten feet below the bottom of the river channel, but not to exceed thirty feet below the ground surface. Each piezometer will utilize a drilled hole four-inches in diameter, fitted with a two-inch diameter PVC pipe with thin slits so that water can infiltrate the pipe. The pipe shall be enclosed within a flush mounted well cover that is installed even with the ground surface. The annular space between the boring and the PVC must be filled with appropriate filter pack and sealed with bentonite or concrete to a depth determined by the Siskiyou County Environmental Health Inspector. Prior to December 31, 2021, the monitoring wells will be destroyed in accordance with state and county protocols.

The Project is located in active cattle pastures with potentially limited access due to the size of gates, crossing of irrigation conveyance ditches, and the potential for wet and muddy pastures due to weather or irrigation schedules.

CONSTRUCTION TIMELINE: All construction activities must begin by March 30, 2020 and be completed by April 30, 2020. Because the Project sites are located within active cattle pastures, access may be inhibited by irrigation schedules.

CONTRACTOR EXPERIENCE: This project requires that the contractor hold a C-57 license and has experience in constructing similar projects in remote locations with difficult site access; and provide proof of completion and references for projects similar (as determined by the SVRCD Project Manager and the Contracting Engineer) size and scope.

CONTRACTOR OBLIGATIONS, LICENSING AND REGISTRATIONS:

Contractor agrees to be bound by all the provisions of the California State Labor code regarding prevailing wages and shall monitor all contracts subject to reimbursement from this Agreement to assure that the prevailing wage provisions of the Labor Code are being met (see attached) Labor Compliance Pre-Construction Information Resource Handout). The Contractor is expected to submit certified payroll on an established schedule to the Department of Industrial Relations. This project is a public works project; therefore, the following statements apply:

-No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. CONTRACTORS AND SUBCONTRACTORS MUST BE REGISTERED PRIOR TO SUBMITTING BID. Register at DIR website: <https://www.dir.ca.gov>. If you have listed non-registered contractors your bid will be rejected by the SVRCD.

-No contractor or subcontractor may be awarded a contract for public work on a public works project 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. For this project, certified payroll must be filed electronically with DIR by the contractor.

PRE-BID SITE VISIT: Contractors wishing to bid on this project **are required to attend a mandatory** pre-site visit scheduled on **March 6, 2020**. Contractors and SVRCD staff shall meet at **9:00 am** at the SVRCD office at 215 Executive Court, Suite A, Yreka, CA 96097. Representatives of the SVRCD will be present to discuss the project. Contractors shall come prepared to drive to the project sites for site visits, and dress appropriately for potentially walking through wet and muddy pastures.

BONDING: The Successful BIDDER will be required to furnish Performance and Payment Bonds, each in the amount not less than 100% of the contract price. All bidders must submit a Bid Security equal to 5% of the bid price.

ADDRESS AND MARKING OF BID: The envelope enclosing the bid shall be sealed and addressed to the **Shasta Valley RCD (SVRCD)** and delivered or mailed to **215 Executive Ct., Suite A, Yreka CA 96097** no later than **2:00 pm on March 18, 2020**. The envelope shall be plainly marked in the upper left-hand corner with the name and address of the bidder and shall bear the words "Bid for Piezometer Transect Study Project" and the date.

PROJECT ADMINISTRATION: All questions relative to this project prior to the opening of bids shall be directed to Ethan Brown, Project Manager, by emailing ebrown@svrcd.org. It shall be understood, however, that no interpretations of the specifications will be made by telephone, nor will any "or equal" products be considered for approval prior to award of contract.

SVRCD'S RIGHTS RESERVED: The SVRCD reserves the right to waive any informalities or to reject any or all bids, if in the best interest of the SVRCD.