

COYOTE VALLEY BAND OF POMO INDIANS



REQUEST FOR BIDS

CONSTRUCTION OF TWO MONITORING WELLS AND ABANDONMENT OF ONE SHALLOW WELL ON THE COYOTE VALLEY INDIAN RESERVATION

Responses Due July 31, 2025 (5:00 pm PT)

**Coyote Valley Band of Pomo Indians
P.O. Box 39 / 7601 N. State Street
Redwood Valley, CA 95470
(707) 472-2295**



June 2025

REQUEST FOR BIDS

COYOTE VALLEY BAND OF POMO INDIANS

REDWOOD VALLEY, CALIFORNIA

General Notice

The Coyote Valley Band of Pomo Indians (Owner) is requesting bids for the construction of two monitoring wells (drilled to no more than 150 feet in depth each), the abandonment of one shallow well, and maintenance of the existing municipal wells (known together as the Project).

Bids for the Project will be received at the **Coyote Valley Tribal Environmental Department** located at 7601 N State St, Redwood Valley, CA 95470 until **July 31, 2025, at 5 PM** local time.

Bids can be submitted in the following ways:

- E-mail: Email bids to Richard Campbell at epddir@coyotevalley-nsn.gov
- Mail: Mailed bids shall be addressed as shown below:

Attn: Richard Campbell, Environmental Director
Coyote Valley Band of Pomo Indians
7601 N State St, Redwood Valley, CA 95470

- Hand-delivery: Hand-delivered bids can be delivered to the same mailing address above

The Project includes the following work:

- Cleaning and video surveying two existing municipal wells on the Coyote Valley Reservation, known as Well 1 and Well 3.
- Installing a sounding tube in each of the two municipal wells.

- Installing a sonic water level sensor within each sounding tube.
- Installing a combined in-line temperature and conductivity sensor in both municipal wells.
- Integrating the sonic water level and temperature/conductivity sensors into the existing controller system, including the installation of one transducer to convert the analog 4-20ma signal to wireless (to cover distance from Well 3) and then back to analog to be recorded by the existing Hach sc1000 datalogger.
- Installation of two new 150-foot-deep groundwater monitoring wells with 6" minimum casing, well pack, and sanitary seal, designed to improve the Tribe's capacity to assess aquifer dynamics and protect groundwater resources.
- Abandonment of a shallow well.

Owner Background

The Coyote Valley Band of Pomo Indians Reservation (Reservation) is located in Mendocino County, California approximately 10 miles north of Ukiah immediately east of US Highway 101. The location is shown below in Figure 1. The current total land base for the Reservation is 78 acres. The Coyote Valley Band of Pomo Indians (Tribe) has 315 members. Reservation lands have .71 miles of frontage on Forsythe Creek and .0988 miles of Russian River frontage some 1500 feet upstream of the confluence of Forsythe Creek and the Russian River.

Project Location

The Project is located on the Coyote Valley Indian Reservation (the Reservation) in Redwood Valley, California. All Project activities, including monitoring well construction and shallow well abandonment, will take place on the Reservation. Note that the Coyote Valley Band of Pomo Indians (the Tribe) is a federally recognized Tribe, and the Reservation is property held in trust. Specific locations on the Reservation for each component of the Project can be found in the following sections.



Figure 1. Location of the Coyote Valley Indian Reservation.

Component A. Construction of Two Monitoring Wells

The first new monitoring well will be located on the Coyote Valley Indian Reservation near the southwestern side of the Forsythe Creek to provide critical data on groundwater conditions. Based on preliminary site evaluations, a second well will be installed north of the parking lot/old casino where there is a suspected groundwater divide. This location was selected to enhance the Tribe's understanding of aquifer recharge patterns, groundwater flow direction, and overall water availability. A map of the proposed monitoring well locations is provided in Figure 2.

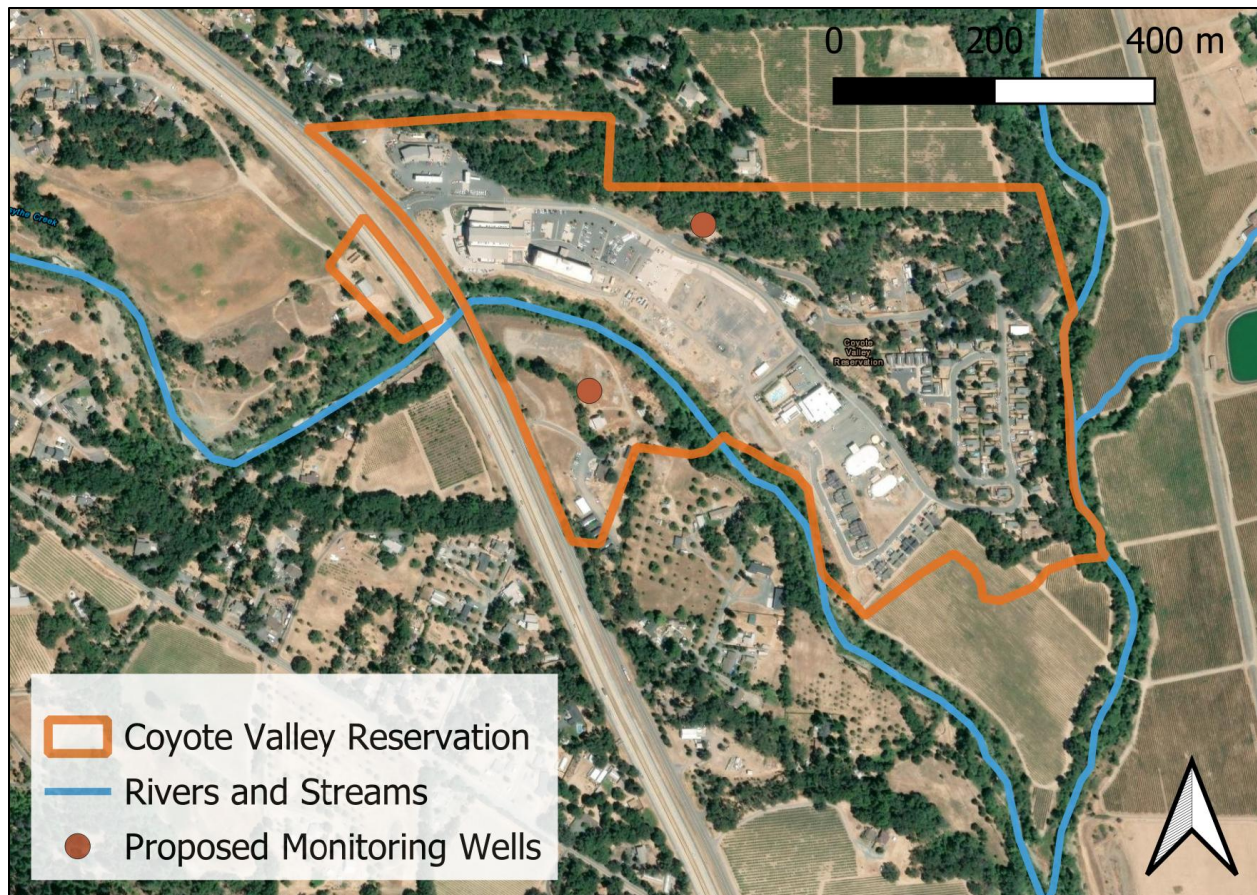


Figure 2. Locations of the proposed monitoring wells.

The drilling and installation of two new monitoring wells are proposed on the Coyote Valley Indian Reservation to assess aquifer characteristics, recharge dynamics, and a suspected groundwater divide. Based on recent assessments and ongoing water management efforts, it has become evident that additional monitoring infrastructure is necessary to ensure the long-term sustainability and quality of the Tribe's groundwater resources. Current monitoring efforts rely on existing municipal and monitoring wells, which may not provide a complete representation of groundwater conditions across the Reservation.

The proposed monitoring wells will each have a total depth of 150 feet, 6" minimum PVC well casing, 4'x4' sloped concrete pad with top of well casing 18" above grade, with a 50-foot bentonite or cement seal to prevent surface contamination and ensure accurate groundwater sampling. By extending groundwater monitoring to this area, the Tribe will gain a more comprehensive understanding of aquifer dynamics, including seasonal fluctuations and potential impacts from climate variability or land use changes. This additional monitoring wells will expand groundwater monitoring efforts to improve informed decision making for water

security and quality to protect the Tribe's water resources, with the potential to convert these monitoring wells into drinking water wells in the future.

Component B. Abandonment of a Shallow Well

The well proposed to be abandoned is the Barn Well (located on the west side of Forsyth Creek, closer to Hwy 101). The Barn Well has an 8" steel casing inside of an 18" outer concrete seal and has an unknown depth. An image of this well, and a map of its location, can be found below.



Figure 3. Image of the Old Barn Well to be abandoned.

Based on recent assessments, the Barn Well (on the westside of Forsythe Creek near the highway) has become nonfunctional and may pose a risk to groundwater quality if not properly decommissioned. The well has aged and is not anticipated to provide reliable groundwater data for monitoring purposes. Structural degradation may allow surface contaminants to enter the aquifer, posing a risk to water quality. Environmental regulations require that abandoned wells be properly sealed to prevent contamination and maintain the integrity of groundwater resources. Sealing the well in accordance with federal and state guidelines will ensure compliance with these regulations.

The old shallow surface water well proposed to be abandoned will be done according to the EPA standards which are consistent with the Mendocino County Well Ordinance and Special Permit Aras and Well Standards (1994). There are no federal requirements for water well abandonment and as such, California state requirements will guide the closure process. Although the Tribe is

not subject to state well closure guidelines, it may be necessary to follow the state guidelines per the driller's state license. Per the California Well Standards Part III Destruction of Water Wells, a well that is no longer useful must be destroyed to assure that groundwater supply is protected and preserved for further use, and to eliminate potential physical hazards associated with an abandoned well. The old monitoring well will be abandoned per the Tribe's Well Condition and Closure Assessment, which includes information regarding California's Well Standards Part III Destruction of Water Wells.



Figure 4. Location of the Old Barn Well to be abandoned.

Component C. Well Cleaning and Video of Two Wells

Well cleaning will involve the removal of existing well pumps. Both wells can be cleaned simultaneously within a 3- or 4-day window. There are currently no well drillers reports for the existing wells and this project will provide pertinent information to establish updated reports.

- 1) Perform a 30 minute well yield test to document a preliminary flow rate from each well and document amps and ohms on well pumps before removal. Provide recommendations to owner if needed.
- 2) Verify pH, well depth and static water level.

- 3) Add appropriate amount of well cleaning chemicals that are NSF approved such as Boresaver or similar.
- 4) Swab develop each well for 3 hours directly after adding the cleaning chemicals and then reset well pump.
- 5) Let well sit undisturbed for 12 hours minimum.
- 6) Provide a +/- 5,000-gallon containment tank with soda ash injection.
- 7) Connect well discharge to containment tank and pump well to storage adjusting the pH to a neutral state (6.5 to 7.5).
- 8) Continue pumping from well until original pH is reestablished.
- 9) Verify water in containment tank has a neutral pH and then run hose to sanitary sewer for disposal.
- 10) Remove well pump and prepare well for video by allowing a small trickle of clean water to flow into the well for a minimum of 12 hours.
- 11) down well video to document all features of the wells and verify proper and thorough cleaning (provide 1 DVD copies of the video and a digital copy by email from each well).
- 12) reset well pump, including the install of new sounding tube(s).
- 13) provide new well seal as appropriate to facilitate sounding tubes and ventilation.
- 14) Perform a 30 to 60 minute well yield test to document final flow rate from each well and compare amps and ohms to initial readings.
- 15) Install down well sensors for temperature and conductivity with 4-20mA output.
- 16) Install sonic water level sensor with 4-20mA output.
- 17) Install appropriate communication cables and radio telemetry from each well to a junction box within two feet of existing sc1000 or HMI panel in WTP.
- 18) Connection from junction box to sc1000 will be completed by others.

CONTRACT FOR CONSTRUCTION OF PROJECT

This contract is between _____ (Owner) and
_____ (Contractor).

Owner and Contractor hereby agree as follows:

ARTICLE 1 – THE WORK

- A. Work includes all labor, materials, equipment, services, and documentation necessary to construct the Project defined herein. The Work may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.
- B. The Contractor shall complete all work as specified or indicated in the Contract Documents. The Project is generally described as follows:
 - Cleaning and video surveying two municipal wells on the Coyote Valley Reservation.
 - Installing a sounding tube in each of the two municipal wells.
 - Installing a sonic water level sensor within each sounding tube.
 - Installing a combined in-line temperature and conductivity sensor in both municipal wells.
 - Integrating the sonic water level and temperature/conductivity sensors into the existing controller system, including the installation of a transducer to convert the analog 4-20ma signal to wireless (to cover distance) and then back to analog to be recorded by the existing Hach sc1000 datalogger.
 - Installation of two new 150-foot-deep groundwater monitoring wells with casing, well pack, and sanitary seal, designed to improve the Tribe's capacity to assess aquifer dynamics and protect groundwater resources.
 - Abandonment of a shallow well.

ARTICLE 2 – CONTRACT DOCUMENTS

Intent of Contract Documents:

- A. It is the intent of the Contract Documents to describe a functionally complete project. The Contract Documents do not indicate or describe all of the Work required to complete the Project. Additional details required for the correct installation of selected products are to be provided by the Contractor and coordinated with the Owner. This Contract supersedes prior negotiations, representations, and agreements, whether written or oral. The Contract Documents are complementary; what is required by one

part of the Contract Documents is as binding as if required by other parts of the Contract Documents.

- B. During the performance of the Work and until final payment, the Contractor shall submit all matters in question concerning the requirements of the Contract Documents or relating to the acceptability of the Work under the Contract Documents to the Owner. The Owner will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work thereunder.
- C. The Owner will render a written clarification, interpretation, or decision on the issue submitted, or initiate a modification to the Contract Documents.
- D. Contractor, and its subcontractors and suppliers, shall not have or acquire any title to or ownership rights to any of the Drawings, Specifications, or other documents (including copies or electronic media editions) prepared by Owner or its consultants.

Contract Documents Defined:

- A. The Contract Documents consist of the following documents:
 - 1. This Contract
 - 2. Specifications listed in the Table of Contents
 - 3. Drawings and figures listed in Table of Figures
 - 4. Exhibits and appendices of this Contract
 - 5. Work Change Directives
 - 6. Field Orders

ARTICLE 3 – CONTRACT TIMES

Contract Times:

- A. The Work will be substantially completed within **30** days after the Effective Date of the Contract and completed and ready for final payment within **60** days after the Effective Date of the Contract.

Delays in Contractor's Progress

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Times and Contract Price. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor or their subcontractors or suppliers.

- C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times.
- D. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor or Contractor's subcontractors or suppliers.

Progress Schedules:

- A. Contractor shall develop a progress schedule and submit it to the Owner for review and comment before starting Work on the Site. The Contractor shall modify the schedule in accordance with the comments provided by the Owner.

IN WITNESS WHEREOF, Owner and Contractor have signed this Contract.

This Contract will be effective on _____ (which is the Effective Date of the Contract).

OWNER: _____

CONTRACTOR: _____