

March 11, 2022

REQUEST FOR PROPOSAL (RFP)

ARCHAEOLOGICAL AND CULTURAL SURVEYS



The Butte County Resources Conservation District (BCRCD) seeks to hire a consultant to complete the following:

- Archaeological and cultural surveys for sensitive or culturally significant archaeological sites, analysis and reporting for the three project sites described below.
 1. Centerville Road (CEQA)
 2. Loafer Creek (CEQA)
 3. Phoenix VMP (NEPA)

All work will be completed in support of required state environmental compliance and permit applications.

The consulting firm will have demonstrated experience in archaeological and cultural surveys of culturally significant or historically important sites and working with state and federal agencies. The consulting firm must be willing to work with BCRCD, Butte County Public Works, CAL FIRE and, if needed, adjacent landowners.

To perform archaeological inventory on BLM administered lands (Phoenix VMP only), the contractor must possess a valid *United States Department of the Interior Permit for Archeological Investigations* and a valid BLM, Redding Field Office *Field Work Authorization*.

Consulting services are to encompass all labor, materials, equipment, facilities, and incidentals required for the completion of the scope of work.

Responding to Multiple RFPs

The BCRCD is releasing several Requests for Proposals (RFP) for environmental compliance. We appreciate that some firms may wish to respond to multiple RFPs. To help with proposal preparation, we are offering the following.

1. **Bidding on future RFPs.** In the vast majority of our projects, a firm will not be prevented from bidding on future work if they participate in current work. In the rare case where the prohibition exists, we will state the prohibition in the current RFP.
2. **Lead Firm vs Subcontracted Firm.** We understand and accept a given firm may be the lead in one response and the subcontractor in another response.
3. **Respond uniquely to each project listed in an RFP.** Each of our projects has a unique combination of partners, stakeholders, funders, constraints, opportunities, and timelines. While we appreciate that a firm might be able to offer efficiencies by combining projects, the unique blend of characteristics of each project prevents us from combining projects more than has already been done.
4. **Repeating information across multiple responses.** We understand and accept that information about the firm, its staff, past work, references, work approach, and the like may be repeated, perhaps even word for word, across multiple responses.

Proposal Deadline

Proposals must be received electronically (.pdf format) by 5 PM on March Xth

Proposal Submission

Submit proposals electronically (.pdf format) to thad@bcrsd.org

Request for Additional Information

Please direct all questions to Thad Walker, thad@bcrsd.org

Timeline

Task	Deadline
Proposal Due	Monday, April 11, 2022 COB
Scope of Work and Contracting	Monday, April 18, 2022

Proposal Format

There is no page limit, but 10 pages or less is preferred. Concise writing and graphics are greatly appreciated.

Work Plan

Objectives: Identify and briefly discuss the specific objectives you will achieve during the project, as defined and specified in the project overview.

Scope: Define specifically the scope of services to be provided to complete the tasks described in the Contractor Tasks for each project. The consultant may elect to suggest modification to the project overview. Include a schedule of the major tasks to be accomplished.

Work approach: Discuss in detail the activities you will conduct to fulfill the scope and objectives. Please specifically address work components outlined in the Contractor Tasks for each project and elaborate as needed.

Modifications can be included and should be explained.

Cost Proposal

Personnel costs: Itemized by task to show the following (include subcontractors):

- Name and title
- Estimated hours per staff person, per task
- Rate per hour
- Total cost per task
- Support costs: supplies, postage, etc.
- Transportation: Travel expenses directly related to the contract services. Mileage must be charged at the current IRS rate.
- Other costs: Show costs and expenses that do not fall within the other categories.

Indemnification and Insurance

Consultant shall agree to defend, indemnify, and hold harmless BCRCDC and to procure and maintain insurance before starting the work, at its own cost and expense, and maintain during the progress of the work. Consultant is solely responsible for the payment of all premiums and deductibles. Insurance coverage of the type and limits will be maintained in the following amounts:

Coverage	Minimum Limits
Worker's Compensation	Statutory
Comprehensive or Commercial General Liability (Bodily Injury, Property Damage, Personal Injury and including independent contractors, contractual liability, product & completed operations, underground explosion and collapse hazard, and pollution liability)	\$1,000,000 Per Occurrence \$2,000,000 General Aggregate
Automobile Liability (owned, if any, non-owned, and hired), Bodily Injury, Property Damage	\$1,000,000

Consultant will provide a Certificate of Insurance naming BCRCDC as an Additional Insured.

Compensation

Consultant may submit invoices monthly as long as progress is being displayed on the project. Each invoice shall include a brief description of work completed to date for those tasks that are being billed for in the RFP. In addition, each invoice shall also indicate the overall percent of work completed for all tasks specified in the RFP. Consultant shall be paid for performance under this Agreement in accordance with the terms of compensation. Unless otherwise specified, payment shall be net sixty (60) days from date RCD receives payment from RCD's client.

Introduction and Background

Location

The requested work is located in three areas within Butte County - one in Centerville, one near Oroville, and one near Cohasset.

Project Overview

BCRCD and partners propose to implement the projects described below.

1. Centerville Road (CEQA), approx. 320 ac
This project is located on the natural-surface portion of Centerville Road (starts approximately 2 miles past the bridge over Butte Creek). Currently this road is eroding, creating non-point source water quality impacts to Butte Creek. This restoration will re-contour the road, restore drainage, and install rolling dips and road rock. 24 erosion sites will be upgraded over 2.4 miles of Centerville Road.
2. Loafer Creek LLC VMP (CEQA), approx. 1,941 ac
This project is located just south/southwest of Cohasset, CA between Cohasset Road and Mud Creek. The project treatments will consist of prescribed burning, mechanical and manual thinning of vegetation in pre-designated treatment areas. The goal of this project is to reduce fire danger, improve wildlife forage, protect mature oak stands, increase native grass species richness, and restore the function of fire in the landscape by decreasing the current fuel load and the encroachment of brush species.
3. Phoenix VMP (NEPA), approx. 170 ac
This project is located south of Lake Wyandotte and approximately 10 miles east of the city of Oroville, California. The project area includes two Bureau of Land Management (BLM) parcels. The project treatments will consist of prescribed burning, mechanical and manual thinning of vegetation in pre-designated treatment areas. The goal of this project is to mitigate the risk of catastrophic wildfire by reducing the amount of existing brush and ladder fuels (grass to the dead brush to the tree canopy).

Work to be Completed

Centerville Road (CEQA)

Project Description:

The goal of the proposed Centerville Road Project is to implement prioritized short- and long-term erosion control and erosion prevention measures to rapidly facilitate post-fire recovery and protect water quality from fire related impacts.

The 2.4 miles of Centerville Road selected for storm-proofing treatment implementation within the Camp Fire burn area in the Butte Creek watershed was inventoried by PWA during the Assessment. The 28 future sediment delivery sites and 2.3 miles of hydrologically connected road to be treated are prioritized sites identified and inventoried during the large-scale Assessment, selected due to their high potential for future erosion, large volume of future sediment delivery, high degree of connectivity to watercourses, and favorable cost- effectiveness (sediment savings / cost for treatment).

Watercourse crossings located in drainage basins within the burned area are now at an even higher risk of failure due to increased discharge resulting from loss of canopy and vegetation. The proposed Project prioritizes direct implementation of existing “shovel ready” storm-proofing prescriptions to prevent negative water quality impacts. The project will directly prevent 4,100 yd³ of anthropogenically derived coarse and fine sediments from delivering to Butte Creek, achieving an estimated annual load reduction of 430 tons/year.

Project Vicinity and Location:

This project is located on the natural-surface portion of Centerville Road (starts approximately 2 miles past bridge over butte creeks). 24 erosion sites will be upgraded over 2.4 miles of Centerville Road.

Contractor Tasks for Centerville Road (CEQA)

Time Frame: The start of the project is based on the Northeast Information Center availability. The field survey can be completed within 15 working days of the record search and the draft report of findings (if no line items are added) delivered within 25 working days from the completion of the field survey.

Task 1. The required assessment of records on file at the Northeast Information Center, Chico. ½ mile search radius will be used.

Task 2. A heritage resource surface survey of the 320 acres

Task 3. Native American Consultation and Sacred Lands Search (up to 8 hours).

Task 4. A draft CEQA/106 resource report will be written and submitted for review to the BCRCD, with one round of comments.

Task 5. A final Report CEQA/106 resource report delivered as electronic. If archaeological sites are discovered this document will become confidential and will be excluded from the Freedom of Information Act and is not to be attached, in its original form to a CEQA document.

Task 6. Costs for recording new resources or updating existing records (up to 8 hours).

Task 7. Any features, sites or buildings or previously recorded resources that require recording or updating, utilizing DPR-523 series state forms, and an eligibility assessment, over 8 hours budgeted above, will be considered separately and an estimate of costs will be submitted for approval.

Task 8. Any sites found that need additional Phase 2 work (site testing) to determine boundaries will be considered separately and an estimate of costs will be submitted for approval.

Task 9. Any work with the Native American Community more than the 8 hours budgeted above will be considered separately and an estimate of costs will be submitted for approval.

Deliverables

- Participation in project launch meeting
- Field Survey Report
- An APE Map showing all staging and storage area for the project.
- Mitigation, monitoring and reporting plan (if needed)
- Develop list of integrated design features (if needed)
- Digital copies of all data collection and analysis
- Invoices

Copies of all survey or other data collected and analysis will be provided to BCRCDC in electronic form (Word, Excel, or PDF).

Background and References

The minimum professional qualifications in archeology are a graduate degree in archeology, anthropology, or closely related field plus:

1. At least one year of full-time professional experience or equivalent specialized training in archeological research, administration, or management.
2. At least four months of supervised field and analytic experience in general North American archeology, and
3. Demonstrated ability to carry research to completion.

In addition to these minimum qualifications, a professional in prehistoric archeology shall have at least one year of full-time professional experience at a supervisory level in the study of archeological resources of the prehistoric period.

Include experiences with cultural surveys, analysis, and reporting, specifically those completed on CEQA projects. List at least 3 specific projects which demonstrate experience. If you have completed projects with BCRCDC before, please list the most recent project or proposal.

Include a resume of each key person to be assigned to the project. If subcontractors are to be used, include a description of those persons or firms including a description of their qualifications.

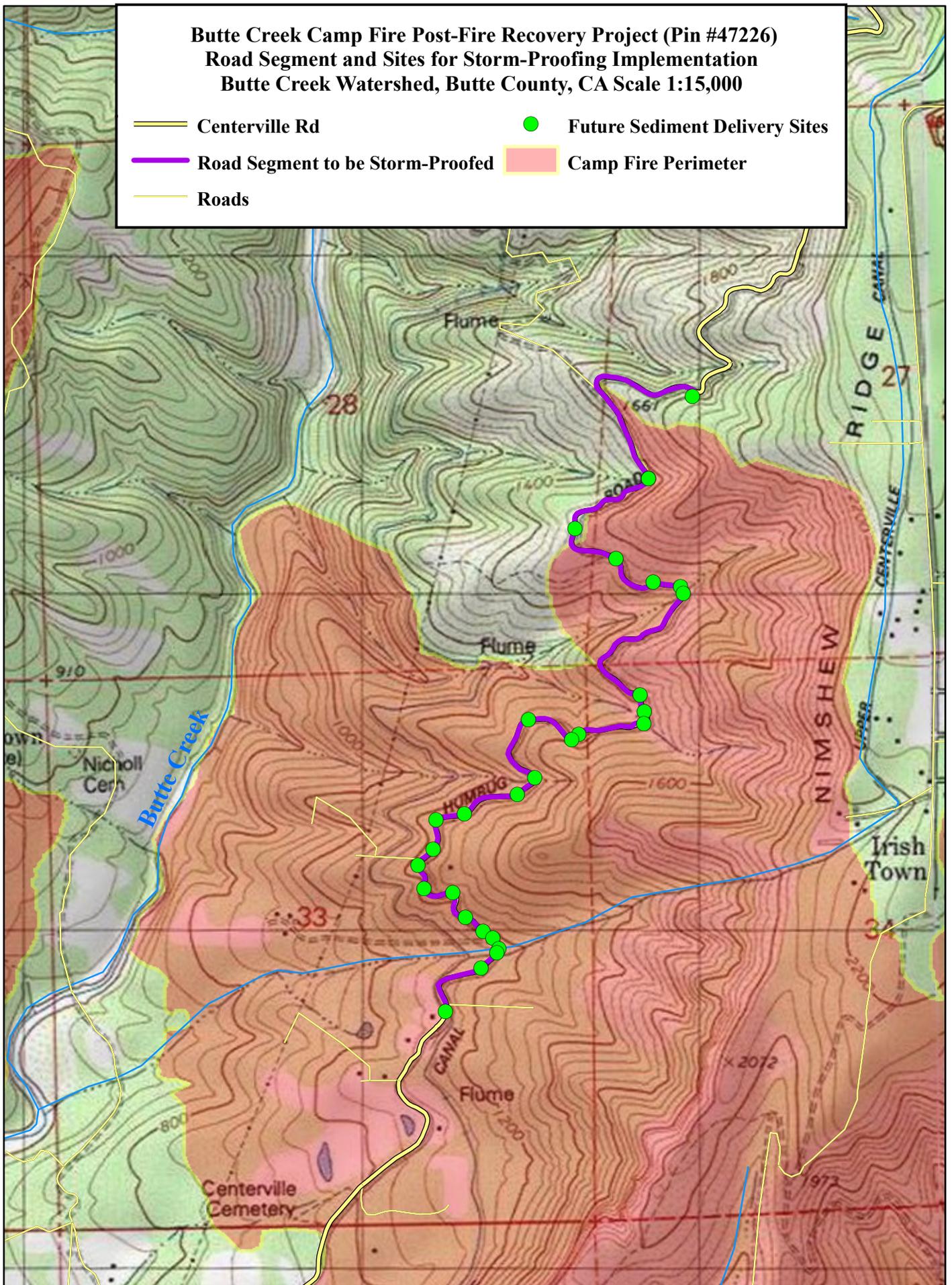
Provide a minimum of three references for similar projects, with name and phone number.

Contract Terms and Agreement

Once a contractor is selected, BCRCDC will negotiate a satisfactory contract and reasonable fee for the services needed. In the event a satisfactory agreement cannot be negotiated with the top ranked qualified firm, the negotiations shall be terminated with the firm and the negotiations shall resume with the remaining qualified firms in the order of their ranking.

Butte Creek Camp Fire Post-Fire Recovery Project (Pin #47226)
Road Segment and Sites for Storm-Proofing Implementation
Butte Creek Watershed, Butte County, CA Scale 1:15,000

- Centerville Rd
- Road Segment to be Storm-Proofed
- Roads
- Future Sediment Delivery Sites
- Camp Fire Perimeter



0 0.25 0.5 1 Miles



Loafer Creek LLC VMP (CEQA)

Project Description:

The goal of this project is to reduce fire danger, improve wildlife forage, protect mature oak stands, increase native grass species richness, and restore the function of fire in the landscape by decreasing the current fuel load and the encroachment of brush species. The project treatments will consist of prescribed burning, mechanical and manual thinning of vegetation in pre-designated treatment areas.

The project area is characterized by relatively flat ridge tops that have a basalt lava cap with rim rock outcrops in areas below the cap. Elevation ranges from approximately 540 feet to 2,000 feet, with steep and moderately steep slopes descending from the flat ridges into valley bottoms along Mud Creek and Anderson Fork. Slopes range from 0% to over 70%. One vernal pool has been mapped identified in the project area. Vegetation ranges from interlocking chaparral to open oak woodlands and grasslands; riparian vegetation occurs along the larger watercourses.

Project Vicinity and Location:

This project is located just south/southwest of Cohasset, CA between Cohasset Road and Mud Creek. It encompasses Cohasset Ridge and is bounded by Mud Creek to the east and Cohasset Road to the west.

Contractor Tasks for Loafer Creek LLC VMP (CEQA)

Task 1: Background Research

- In addition to the records search [see CAL FIRE responsibilities section], the cultural resource consultant (consultant) will undertake any additional background research pertinent to the project area to gauge the sensitivity for identifying historical or prehistoric resources.

Task 2: Archaeological Field Survey

- The consultant will undertake cultural resource pedestrian inventory of Treatment Phase 3, 4, and 5 units, focusing on areas with the highest probability to contain resources sensitive to the proposed impacts, prioritizing areas lacking previous survey coverage, and revisiting previously documented resources.
- Parts of the Loafer Creek LLC VMP Treatment Phase 3, 4, and 5 project areas contain steep terrain and interlocking vegetation. Subsequently, the consultant has latitude to use professional archaeological judgement to determine an appropriate survey strategy for these areas.
- Previously unrecorded cultural resources or updates to existing records will be documented on State of California Department of Parks and Recreation forms (DPR 523 series).
- The consultant will supply CAL FIRE's Northern Region Archaeologist and Butte Unit Forester brief field session progress reports monthly for use in planning.

Task 3. Cultural Resource Documentation and Inventory Report Preparation

- The consultant will prepare a draft and final cultural inventory report summarizing the results of Tasks 1 and 2 for the Loafer Treatment Phase 3, 4, and 5 footprints; this report may utilize elements from the Treatment Phases 1 and 2 inventory reports.

- The consultant will prepare cultural resource documents for any newly identified, or updates for previously documented resources, on appropriate DPR forms.
- The cultural resource consultant will provide the CALFIRE Northern Region Office of Cultural Resources and Butte Unit Forester with a PDF version of the CALFIRE approved archaeological survey report and prepared site documentation.

Deliverables (CEQA)

- The consultant will provide CAL FIRE's Northern Region Archaeologist a PDF copy of the Draft archaeological survey report within one month of field inventory completion.
- CAL FIRE will provide the consultants comments on the Draft report within 15 working days of receipt.
- Within 15 working days, the consultant will address CALFIRE comments and submit a draft / final copy of the archaeological survey report for CALFIRE approval and signature.
- The consultant will provide the CALFIRE Northern Region Archaeologist PDF and Butte Unit Forester versions of the approved cultural inventory report and finalized cultural resource documentation records (DPR Forms)
- The consultant will include the finalized geospatial project shapefiles with the final report submission

Background and References

The minimum professional qualifications in archeology are a graduate degree in archeology, anthropology, or closely related field plus:

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2. At least four months of supervised field and analytic experience in general North American archeology, and
3. Demonstrated ability to carry research to completion.

In addition to these minimum qualifications, a professional in prehistoric archeology shall have at least one year of full-time professional experience at a supervisory level in the study of archeological resources of the prehistoric period.

Include experiences with cultural surveys, analysis, and reporting, specifically those completed on CEQA projects. List at least 3 specific projects which demonstrate experience. If you have completed projects with BCRCDD before, please list the most recent project or proposal.

Include a resume of each key person to be assigned to the project. If subcontractors are to be used, include a description of those persons or firms including a description of their qualifications.

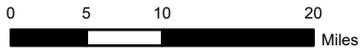
Provide a minimum of three references for similar projects, with name and phone number.

Contract Terms and Agreement

Once a contractor is selected, BCRCDD will negotiate a satisfactory contract and reasonable fee for the services needed. In the event a satisfactory agreement cannot be negotiated with the top ranked qualified firm, the negotiations shall be terminated with the firm and the negotiations shall resume with the remaining qualified firms in the order of their ranking.

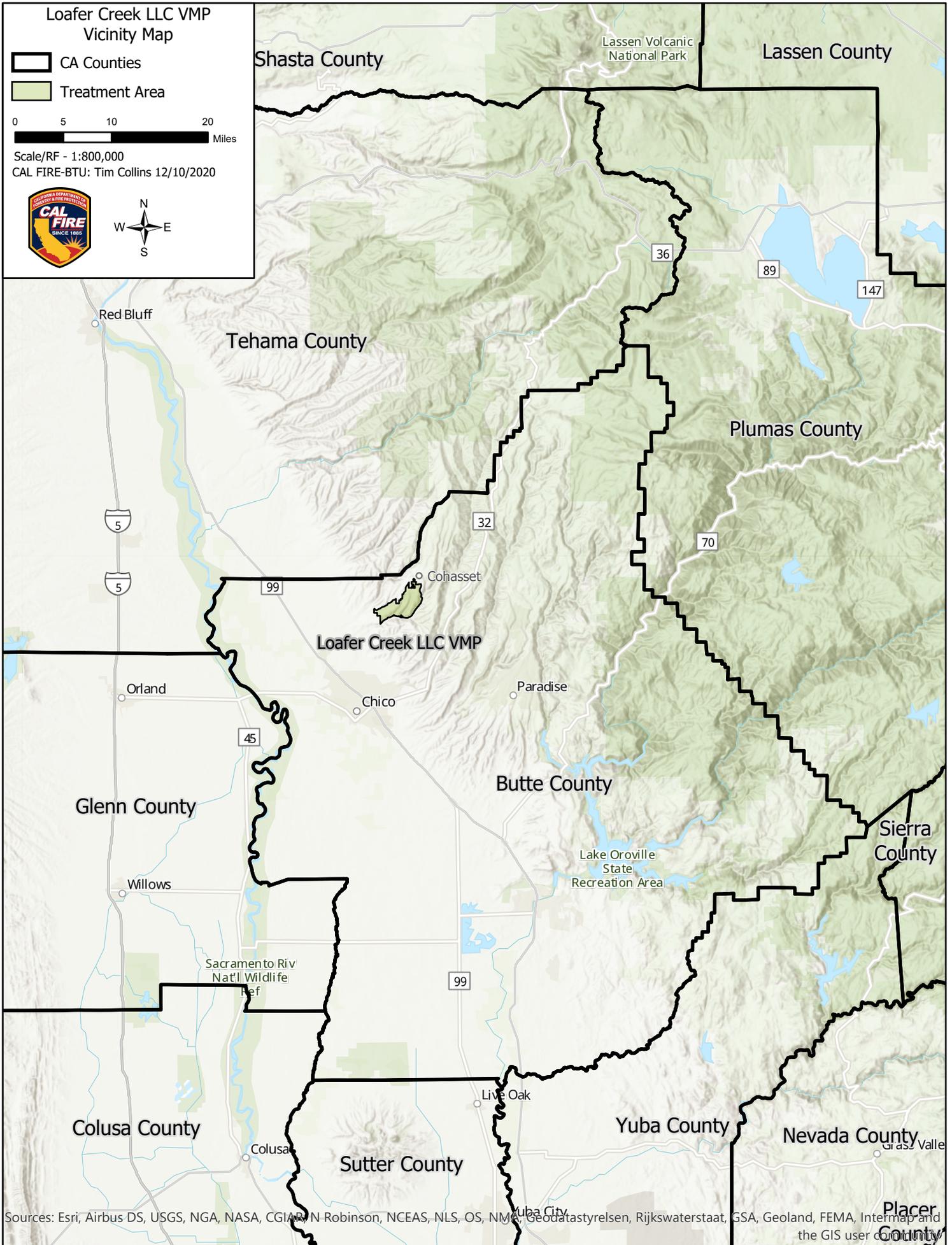
Loafer Creek LLC VMP
Vicinity Map

- CA Counties
- Treatment Area



Scale/RF - 1:800,000

CAL FIRE-BTU: Tim Collins 12/10/2020



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

**Loafer Creek LLC VMP
Survey Phases Map**

Survey Phases

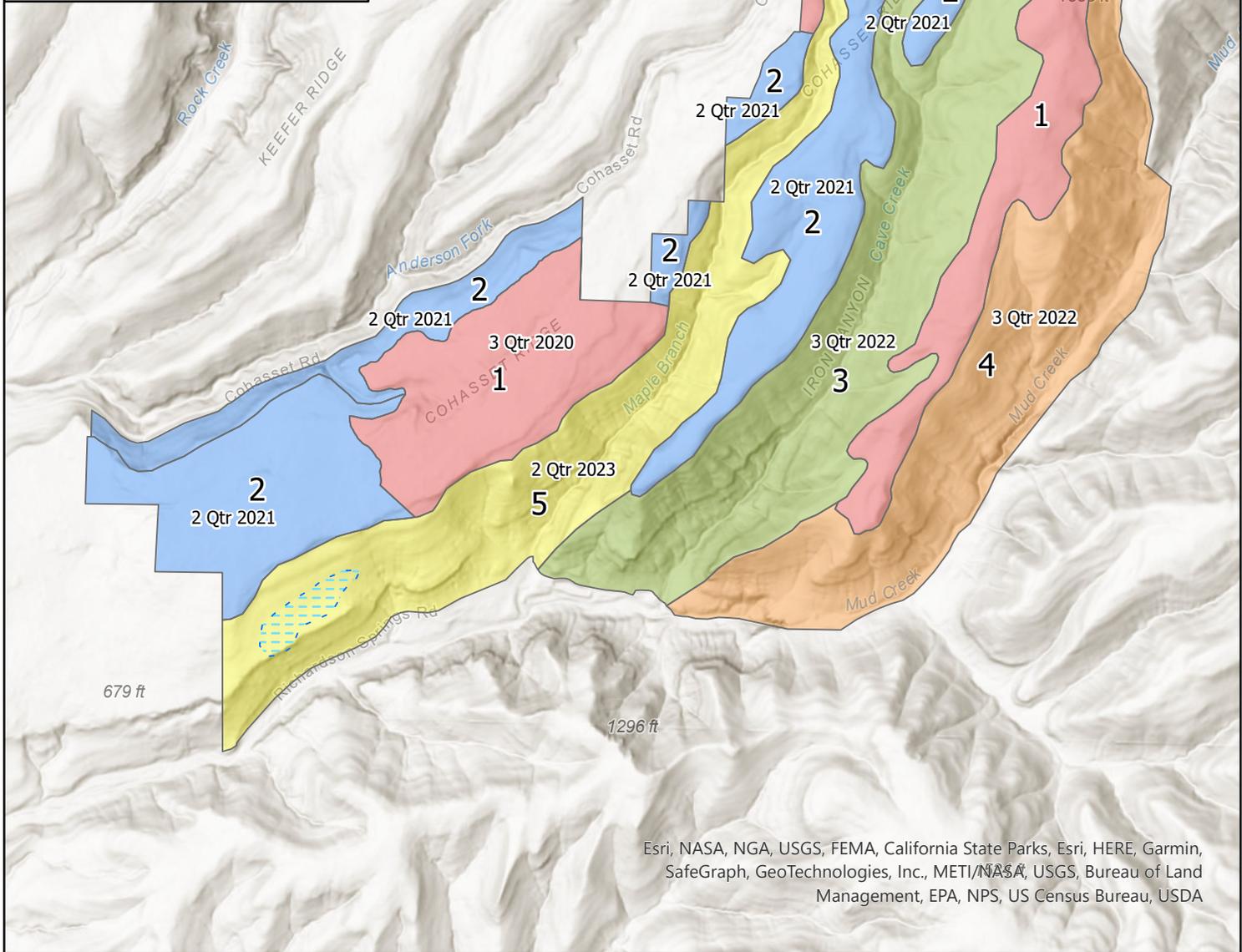
- 1
- 2
- 3
- 4
- 5
- Vernal Pool

Roads

- hwy
- major
- minor
- 4WD

0 0.25 0.5 1 Miles

Scale/RF - 1:36,000 Contour Interval = 40'
7.5' USGS Topo Quads: Campbell Mound, Cohasset, Paradise West, and Richardson Springs
Portions of T23N, R01E, Sec13 MDBM; T23N, R02E, Sec 03/04/07-10/15-21 MDBM
CAL FIRE-BTU: Tim Collins 2/16/2022



Esri, NASA, NGA, USGS, FEMA, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

Phoenix VMP (NEQA)

Project Description:

The purpose of this project is to return fire to the landscape during conditions when fire can be easily controlled to mitigate the risk of catastrophic wildfire and enhance ecosystem resilience to fire by creating conditions which support low-to-moderate fire intensities. Vegetation conditions in the Phoenix Hill area have created unsafe fuel levels that increase the chances of high severity wildfire. Mimicking fire's natural return through manual and mechanical fuels reduction, combined with the use of low intensity prescribed fire also serves to protect public and private property, infrastructure, or natural and cultural resources within Butte County.

Project Vicinity and Location:

This project is located south of Lake Wyandotte and approximately 10 miles east of the city of Oroville, California. The unit consists of two Bureau of Land Management (BLM) parcels in Township 19N, Range 05E, Section 22, 28 MDBM.

Contractor Tasks for Phoenix VMP (NEPA)

Outlined herein are the cultural resource contract specifications and requested deliverables for the *Butte West – Big Chico Creek Ecological Reserve and Phoenix VMP Project*. The BLM, Redding Field Office Archaeology Staff will provide project area geospatial files, project location maps, and digital site record copies for known resources in and around the project area. Previous survey reports will be made available to the contractor upon request.

To perform archaeological inventory on BLM administered lands, the contractor must possess a valid *United States Department of the Interior Permit for Archeological Investigations* and a valid BLM, Redding Field Office *Field Work Authorization*.

Task 1. Conduct an intensive pedestrian survey (transects of 30 meters wide or less) of the designated project areas.

Task 2. Complete and deliver either site validation forms or site record updates (if existing site record data is determined inaccurate) for the known resource, CA-030-1945 that exists within the project area.

Task 3. Complete and deliver DPR-523 resource records for any newly identified archaeological resources. Record the full extent of each newly identified site that occurs within the Project Area. If a site continues outside of the project area, indicate this in the resource record and survey report.

Task 4. Provide sensitivity recommendations for all sites within the project area. Recommendations should consider the site's vulnerability to potential project impacts from tracked masticators, hand work, chipping and pile burning activities, and prescribed broadcast burning, and identify those areas that should be avoided by the various activities.

Task 5. Complete and deliver an archaeological survey report documenting the results of the 170-acre archaeological survey, documentation, and sensitivity recommendations for known site record validations or updates, and any newly identified resources within 90 days from the date contractor signs contract. The deliverable should include one electronic version of the completed survey report, site records and any supporting data. Deliverable should also include electronic geospatial data for new and updated resource boundaries and survey coverage. Geospatial

data should be collected/generated using a GPS device (not hand-plotted) with accuracy of 15 feet or less.

Task 6. Work with NEPA/CEQA project manager to incorporate the integrated design features or mitigations (as appropriate) into the revised project description or the NEPA/CEQA document (as appropriate) and to make sure implementation specifications adequately and clearly reflect the design features or mitigations.

Task 7. Develop a mitigation, monitoring and reporting plan (MMRP) if needed.

Task 8. Project Management, Coordination, and Reporting. Consultant will coordinate with BCRC staff regarding the status of the project.

Deliverables (NEPA)

- Conduct an intensive pedestrian survey (transects of 30 meters wide or less) of the designated 170-acre project area
- Complete and deliver either site validation forms or site record updates (if existing site record data is determined inaccurate) for the known resource, CA-030-1945 that exists within the project area.
- Complete and deliver DPR-523 resource records for any newly identified archaeological resources. Record the full extent of each newly identified site that occurs within the Project Area. If a site continues outside of the project area, indicate this in the resource record and survey report.
- Provide sensitivity recommendations for all sites within the project area. Recommendations should consider the site's vulnerability to potential project impacts from tracked masticators, hand work, chipping and pile burning activities, and prescribed broadcast burning, and identify those areas that should be avoided by the various activities.
- Complete and deliver an archaeological survey report documenting the results of the 140-acre archaeological survey, documentation and sensitivity recommendations for known site record validations or updates, and any newly identified resources within 90 days from the date contractor signs contract. The deliverable should include one electronic version of the completed survey report, site records and any supporting data. Deliverable should also include electronic geospatial data for new and updated resource boundaries and survey coverage. Geospatial data should be collected/generated using a GPS device (not hand-plotted) with accuracy of 15 feet or less.

Background and References

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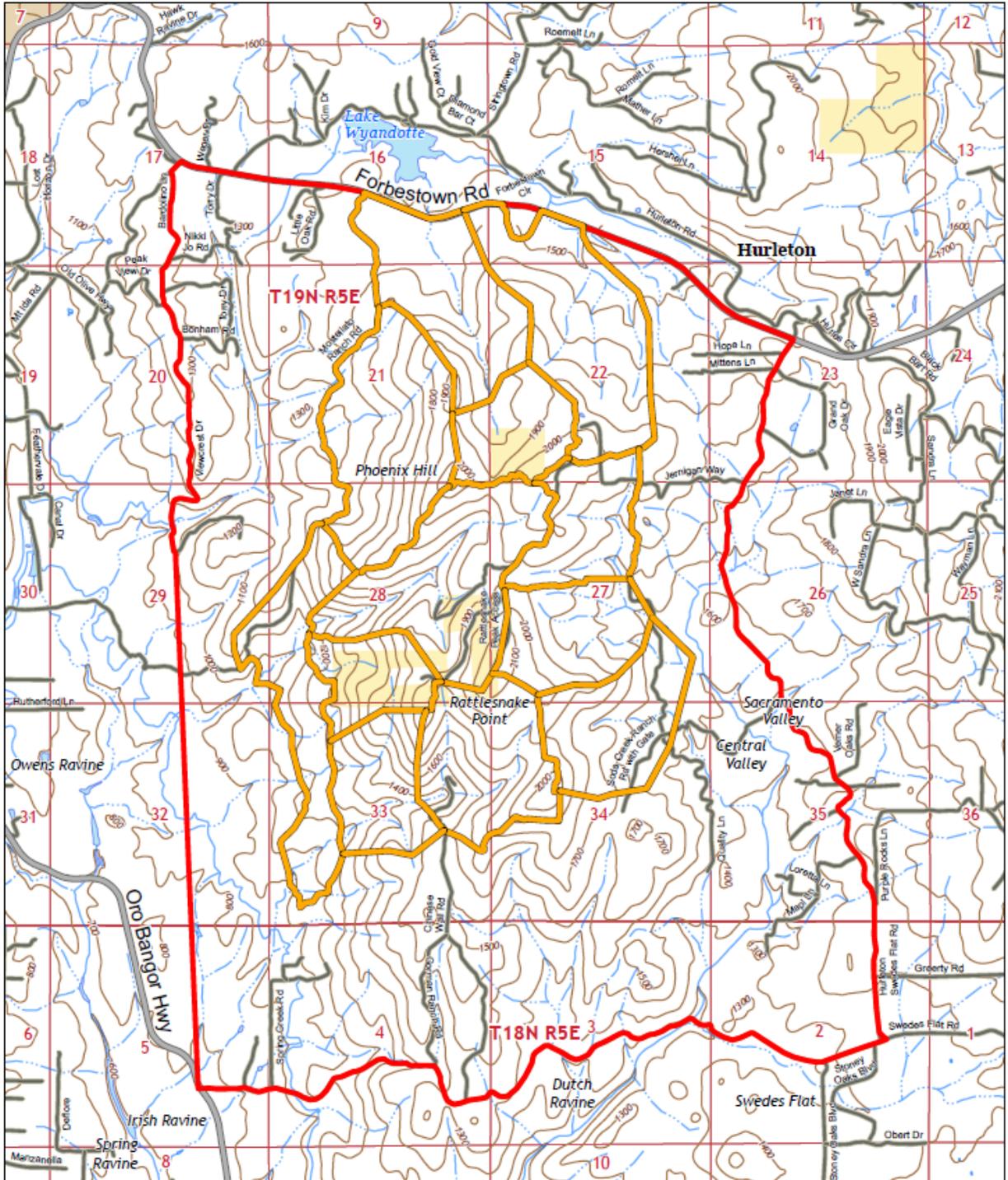
Include experiences with cultural surveys, analysis, and reporting, specifically those completed on NEPA/CEQA projects. List at least 3 specific projects which demonstrate experience. If you have completed projects with BCRCB before, please list the most recent project or proposal.

Include a resume of each key person to be assigned to the project. If subcontractors are to be used, include a description of those persons or firms including a description of their qualifications.

Provide a minimum of three references for similar projects, with name and phone number.

Contract Terms and Agreement

Once a contractor is selected, BCRCB will negotiate a satisfactory contract and reasonable fee for the services needed. In the event a satisfactory agreement cannot be negotiated with the top ranked qualified firm, the negotiations shall be terminated with the firm and the negotiations shall resume with the remaining qualified firms in the order of their ranking.



- ▬ Phoenix VMP Project Boundary
- ▬ Proposed Burn Unit Boundaries
- Bureau of Land Management Parcels

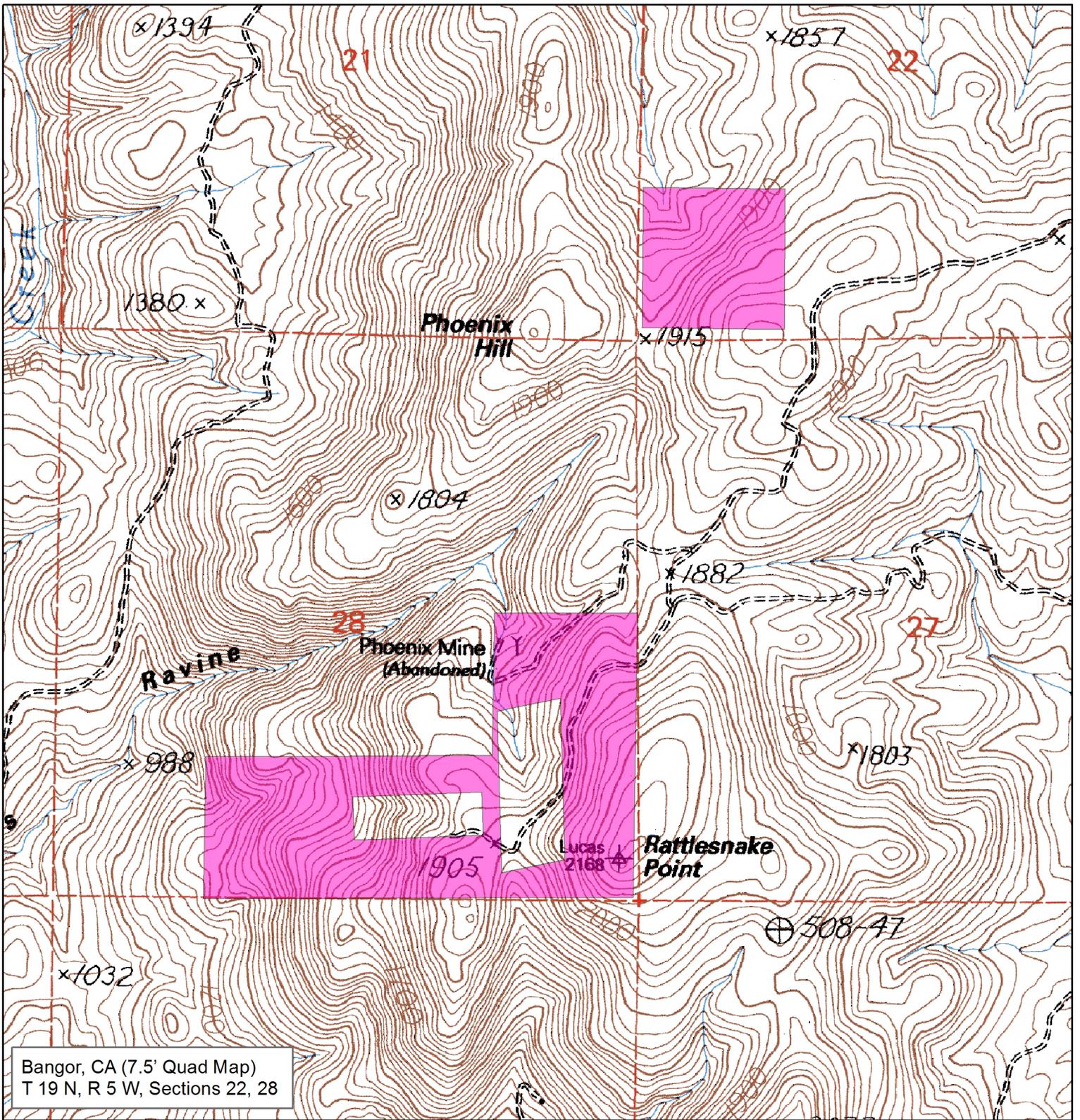
Phoenix VMP Proposed Burn Units

Overview

June 21, 2021

0 0.25 0.5 1 Miles





Big Chico Creek Ecological Reserve and Phoenix Vegetation Management Plan



 Phoenix VM Survey Needed (140 acres)