



Yreka Ridge Fuel Break Project
BID PACKET
January 27, 2023

****This Project is funded by CAL FIRE ****

Project Summary

The intent of this project is to create a 600-foot-wide fuel break along approximately 3 miles of Yreka Ridge above the city of Yreka to serve as a control feature for wildfire suppression in the Wildland Urban Interface (WUI) area around the community. The project will remove brush, small conifers, and juniper on 228 acres on private lands and will connect to the Craggy Good Neighbor Authority project and the Craggy Joint Chiefs project. The finished product will remove all brush and small trees creating an area with low surface fuels, no ladder fuels, and a well-spaced canopy.

The project is located within and north of the City of Yreka and is designed in conjunction with CAL FIRE and Yreka Area FSC to help protect residents in the event of a wildfire. It is estimated that about 5,000 to 7,000 structures within the Yreka Area FSC planning area will benefit from the treatments. *Funding for this project is provided by the California Department of Forestry and Fire Protection's Fire Prevention Program as part of the California Climate Investments Program.*

Implementation must not begin before receiving the Notice to Proceed.

Contractor's Obligations

The Bidder must analyze and respond to all sections of this Bid Packet providing sufficient information to allow the SVRCD to evaluate the bids. The Contractor, by submitting its bids, agrees that any costs incurred by the Contractor in responding to this Bid Packet, are to be borne by Contractor and may not be billed to the SVRCD.

The Bidder must complete and submit all attachments in Appendix I, in the order listed. If the SVRCD has any confusion or difficulty in retrieving the required information from a Contractor's bid, it may result in the disqualification of such bid.

Bid Submission Requirements

Submission of Bids:

The contractor should mail or hand deliver their **sealed bid** to the address listed below **by 2pm on March 8, 2023**. Only hard copies will be accepted.

Shasta Valley RCD
215 Executive Ct., Suite A
Yreka, CA 96097

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 the Yreka Ridge Fuel Break Project"**.

Critical Dates

Pre-bid Site Visit

Contractors wishing to bid on this project may attend a pre-bid site visit scheduled on **February 16, 2023, at 9:00**. Those interested will meet at the Fire Station on Miner’s Street in Yreka. Representatives of the SVRCD and CAL FIRE will be present to discuss the project.

Delphine Griffith, Project Manager
Email: dgriffith@svrcd.org
Phone: 530.388.6917

Bid Due Date

Bids shall be received by the SVRCD on or before, **March 8, 2023, at 2:00 pm** at the SVRCD address listed above. Late submissions will not be accepted.

Contract Dates

The Contractor shall not begin operations until the Notice to Proceed is issued. All work shall be completed by December 1, 2023.

Contractual Commitment of Bid

The contents of submitted bids will be considered obligations of the successful Contractor. No information should be submitted that is not intended to be incorporated into the bid and any contract, which may result from such bid. If there is any inconsistency between the terms herein and any of the contract documents, the terms in the contract documents shall prevail.

Project Specifications

The contractor is expected to follow the project specifications, site plans, permit requirements, and all state and county laws and standards for this project.

The Yreka Ridge fuel break is designed to create a more fire-safe condition for the communities of Yreka and Hawkinsville. The project will entail the use of mechanical equipment where feasible to cut and remove trees less than 10 inches DBH, remove all snags, prune all residual trees to a height of 8 feet, and remove all brush species and existing ground fuels. Where the ground is not accessible for mastication, the contractor will be responsible to hand cut vegetation and transporting slash to an area where it can be masticated or chipped.

Cutting specifications:

- Cut and remove all conifers < 10” DBH; space conifers 20’ to 30’; thin to an average 25’ between stems; whenever possible cut and space conifer trees off healthy oak trees
- Cut and remove all Juniper trees up to 20” DBH
- Cut all brush regardless of species
- Cut all dead trees (snags); <18” in diameter; masticate felled tree boles < 12” in diameter
- Cut all stumps to less than 4 inches from the ground height
- Prune residual trees by lopping low branches up to a minimum height of 8’ or heights necessary to retain 50% or more of the live crown
- Masticate existing and created ground fuels; pre-existing logs < 12” in diameter will be chipped through mechanical mastication
- Masticate, chip, or remove all cut material regardless of size and existing ground fuels

- Effort will be made to reach as much vegetation on steep slopes from adjacent accessible slopes
- Hand cut and pile vegetation that cannot be reached by machine; where slash is piled, keep piles no larger than 8 feet in diameter and a minimum of 4 to 6 feet in height
- Cover hand piles with polyethylene sheets for rain protection
- Spread chips out in unit avoiding chip depth of more than 6 to 8 inches
- Any vegetation that is felled outside of the project area will be carried back into the unit for disposal
- All effort shall be made to avoid damaging residual trees from masticating equipment

Special Requirements:

- All damaged trees as described below shall be cut:
 1. Trees with scars or open wounds on the lower stem involving more than one-half (1/2) of the circumference of the stem
 2. Conifer trees with more than twenty (20) degrees lean or trees with crook or sweep
 3. Trees with broken stems or girdling of the stem where only the lower part of the living crown remains
- All diseased trees described below shall be cut:
 1. Special attention shall be made to remove conifers that are exhibiting signs of mistletoe fungus or other defects
 2. All conifer trees with thin crowns and yellowing needles

Additional Special Requirements:

- Retain large and healthy oak trees > 6” DBH; space oak trees 18’ to 22’; thin to an average 20’ between stems
- Retain multi-stemmed clumps of oak trees; clumps will be considered as one tree
- The largest and healthiest conifer trees shall be retained; leave trees should have single leaders and thrifty crowns with at least 1/3 live crown ratio; should be disease and damage free; have good form and color
- Retain conifer species in the following order SP, PP, IC, and DF

Protection of Sensitive Wildlife Species:

- In order to protect any species covered by the Migratory Bird Treaty Act (MBTA), no fuels treatment work will occur between March 1 to August 31, unless the following is implemented: 1. A survey is conducted by a biologist or a person with knowledge of, and ability to recognize, species protected by the MBTA and it is determined that there are no occupied nests within the proposed activity area. 2. If an occupied nest is found, then a biologist or a person with knowledge of, and ability to recognize, species protected by the MBTA will determine if the birds present are those protected by the MBTA. 3. If an MBTA species is located then no activities will occur within 100 feet of the nest during the breeding season (March 1- August 31).

Boundaries:

- The boundaries depicted on the project area map delineate the treatment unit. Unit boundaries are not flagged. Mechanical mastication will extend 300’ on either side from the centerline of the ridge. Contractor is responsible for completing all work to the boundaries. A georeferenced digital map will be provided to help contractor identify unit boundaries using GPS assisted technology.

Safety:

- Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the performance of the work.

- During the contract performance, Contractor shall protect the lives and health of workers performing the work and other persons who may be affected by the work and prevent damage to property adjacent to the project.
- Contractor shall comply with all applicable laws, ordinances, rules, regulations, and orders of any public body having jurisdiction for the safety, of persons or property or to protect them from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection.

Work progress:

Contractor's operations shall progress in a workmanlike and orderly manner to avoid accidentally leaving untreated areas, with workers regularly connecting treated areas. At the end of each work day, no "islands" of untreated areas shall be left within areas that have been treated.

Payment Schedule

Contractor will be paid for expenses based on the invoices submitted monthly. The schedule is negotiable and will be refined during the contracting process. The SVRCD must receive invoices no later than the 5th of each month in order to adhere to the SVRCD's billing schedule.

Payments to the contractors shall be paid within thirty (30) days from receipt of the funds by the SVRCD from the funding agency, *which can be as much as three months after invoice submittal for this particular grant*. SVRCD will make every effort to expedite payment to the contractor.

Bid Details

This contract will *not* be awarded based solely on the lowest bid. This project requires experience and references as described in the Additional Information section under the subheading *References & Required Experience* (p. 7). Bidders will be evaluated using the Scoring Sheet (See Appendix I: Bid Form Attachment No. 5).

The Contractor shall submit the bid for activities identified in this Bid Packet using the Bid Forms within Appendix I. Bid may be rejected if the Bid Forms are not used or are incomplete. Bids should reflect the following information:

Lump sum and per acre bids with details on:

- Mastication of project area, including equipment types
- Timing of operations
- Use of hand crews on steep ground
- Method of slash disposal including amount of hand piling which would require follow up treatment

Additional Information

Site Locations: The project is located on private lands on the ridge above the town of Yreka.

See maps in Appendix II for more information.

Directions to the Project locations: The project is located on the ridge above the town of Yreka. The project site can be accessed through North Street in Yreka.

Subcontracting: Any subcontractors must be identified along with the defined work they will perform on the bid form provided. The SVRCD will not refuse a bid based on the use of subcontractors but does retain the right to refuse the subcontractors selected. Contractor shall remain solely responsible for all subcontracted work.

References & Required Experience: This project requires that the contractor has experience in mastication. Contractor will provide proof of completion and references two (2) projects of similar size and scope (as determined by the SVRCD Project Manager). References should speak to the contractor's experience in the type of work identified in the Project Specifications (p. 3). References should include a contact name and current phone numbers.

Insurance: The successful bidder will be required to provide SVRCD with proof of appropriate insurance.

Disputes: Disputes regarding awarding of bids will be decided by the SVRCD Board. Written appeal must be received within 10 days of award.

Limited Operational Periods: Work within may have periods where operations cannot be done due to species of concern or weather conditions. Current LOPs may be lifted with appropriate surveys completed to protocol.

Labor Compliance: Contractor agrees to be bound by all the provisions of the California State Labor code.

Maps and Measurements: The maps are provided as Attachments. They are intended to show only the general size, shape, and location of the areas. If the maps conflict with the field marking, the field markings shall govern. Positions of features are approximate. The units have been determined by Global Positioning Systems (GPS) and/or Geographic Information Systems (GIS). If re-measurement of the acreage is desired by the contractor, notification shall be made upon written request. Requests for re-measurement shall be made within 10 days after work has been completed on the unit.

Rework and Re-inspection after Rework: If inspection results are below 90% and excess trees or brush constitute a part of the deficiency, payment may not be made until the problem has been corrected, unless the Project Manager determines that a reduction in pay in lieu of rework is acceptable.

Safety: When Contractor's operations are in progress adjacent to or on all roads. Contractor shall furnish, install, and maintain all temporary traffic controls which provide the road user with adequate warning of hazardous or potentially hazardous conditions associated with Contractor's operations.

Protection of Improvements and Survey Monuments: The Contractor shall avoid any damage to improvements such as, but not limited to: trails, telephone lines, pipelines, structures, roads, fences, gates, utility poles, power lines, pedestals, survey markers or monuments, and survey witness trees. The contractor will be required to repair or pay fair market value to replace any damaged improvements.

CERTIFICATION OF COMPLIANCE: Contractor shall certify compliance with specific fire precautionary measures included in the attached Fire Plan. The certification shall be made prior to commencement of work and shall be updated if at any time during performance the conditions change.

Attachments

Appendix I

- Bid Form Attachment No. 1: Contractor Information
- Bid Form Attachment No. 2: Proposed Sub-Contractors
- Bid Form Attachment No. 3: Bid Schedule
- Bid Form Attachment No. 4: Project Questionnaire
- Bid Form Attachment No. 5: Contractor Scoring Sheet Example (Contractor does ***not*** fill out)
- Bid Form Attachment No. 6: Work Plan

Appendix II

- Exhibit A: Project Maps
- Exhibit B: Fire Plan

Appendix I

BID FORM ATTACHMENT NO. 1: Contractor Information

Bid Due Date: March 8, 2023, at 2:00 pm

General Information:

Company Name: _____

Company Address: _____

Contact Name: _____

Phone: _____ Fax: _____

Email: _____ Federal ID or SSN #: _____

Years in Business: _____ QAL (or equivalent) and LTO License #: _____

References: Provide 3 references, with contact names and phone numbers for each reference.

1. (CONTACT NAME) _____ (PHONE) _____

(BUSINESS NAME) _____

2. (CONTACT NAME) _____ (PHONE) _____

(BUSINESS NAME) _____

3. (CONTACT NAME) _____ (PHONE) _____

(BUSINESS NAME) _____

Bid Validity

Please specify the length of time this bid is valid for (must be a minimum of 30 days).

Bid Information

Bidder agrees to accept as full payment the following total base bid price:

_____ dollars
(in words)

_____ dollars
(in numerals)

In the event of a discrepancy, amount in words shall prevail.

The bidder hereby acknowledges that the total base bid price is based solely on the bidder’s own estimate of costs and includes all applicable taxes, overheads, and profit.

Contractor

Signature _____

Additional bid Information: Please provide detailed information as outlined in the bid schedule below. Costs shown above should include all materials, labor, taxes, overheads, and profit, which must also be included in following schedule.

BID FORM ATTACHMENT NO. 2: PROPOSED SUBCONTRACTORS

The BIDDER should submit with the Bid Form a listing of names and business addresses of subcontracting firms or businesses that will be awarded subcontractors for portions of Work as described above.

The Subcontractor list shall be completed and should include the following information:

1. Subcontractors, listing each subcontractor whose subcontract amount is more than 10 percent of the Contract price with whom the bidder, if awarded the Contract, will subcontract for performance.
2. The categories of work those subcontractors will perform on the Contract.

A bid will be considered non-responsive and will be rejected if the BIDDER does not correctly complete the Subcontract List contained herein and include this Proposed Subcontractor list with the Bid Form.

A. List of Subcontractors to be used

<u>Subcontractor</u>	<u>Work</u>	<u>Dollar Amount</u>	<u>% of Total</u>
_____	_____	_____	_____
_____	_____	_____	_____

BID FORM ATTACHMENT NO. 3: Bid Schedule

Task No.	DESCRIPTION (confirm based on plans and specifications)	QTY.	UNIT	UNIT PRICE	TOTAL
1.0	Mastication and handwork	228	ac		
Total Bid Cost:					

Units: LS = Lump sum; ac = acre

Pay items Description:

1.0 Mastication and hand clearing

The bid price for this item shall include all equipment, manpower, mobilization, insurance, and bonding to complete the work described in the specifications of this 228-acre area.

BID FORM ATTACHMENT NO. 4: PROJECT QUESTIONNAIRE

Please initial _____ if contractor has *direct previous experience* fulfilling labor compliance requirements, including, but not limited to, wage determinations, submission of payroll records, etc.

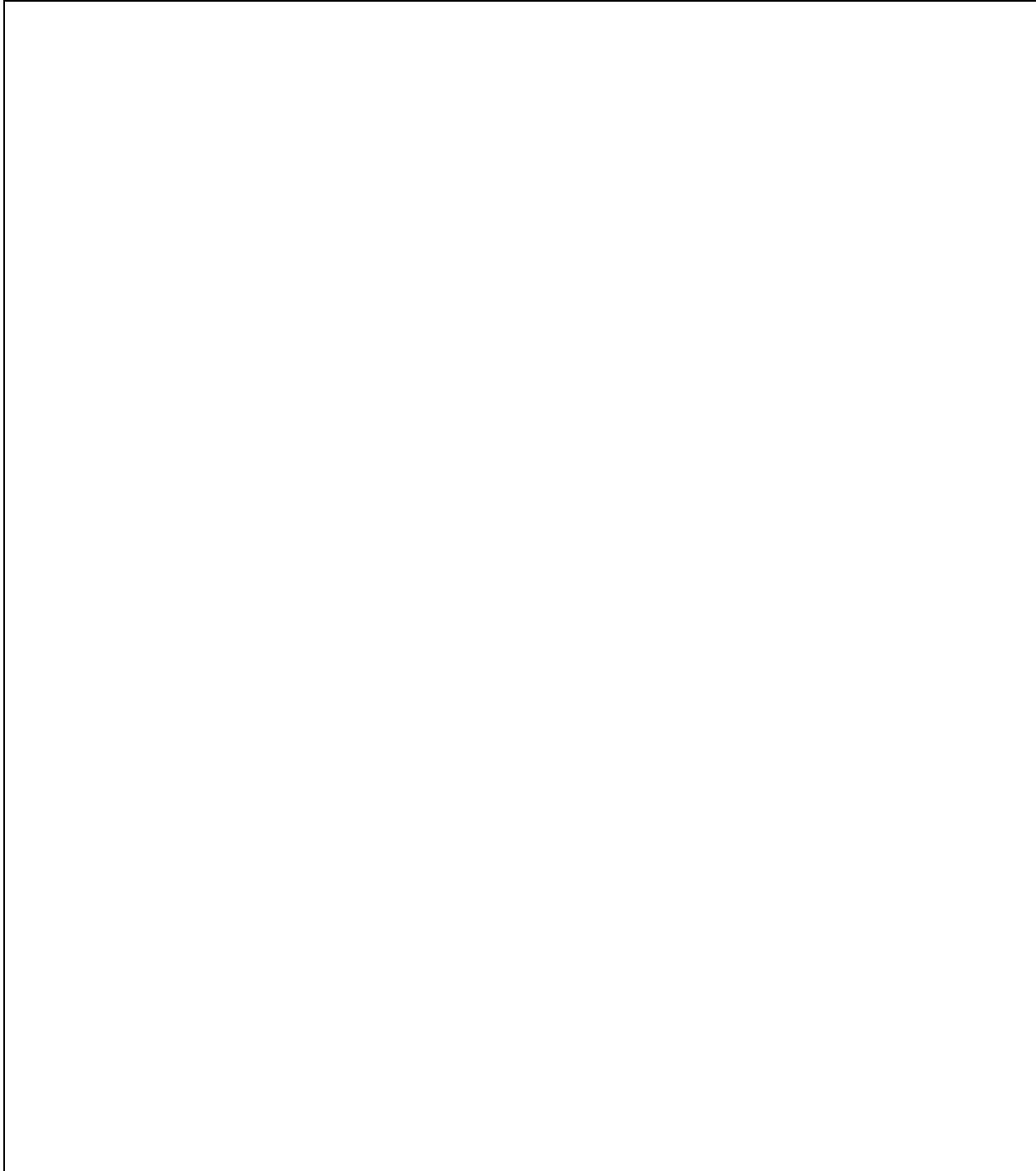
If no **direct** previous experience, please list below who will assist in meeting this requirement.
Please include contact information and experience.

BID FORM ATTACHMENT NO. 5: Contractor Bid Scoring Sheet to be completed by SVRCD.
(Contractor does NOT fill out)

Contractor Bid Scoring Sheet			
Funding Source:	CAL FIRE		
Project Title:	Yreka Ridge Fuel Break Project		
Bidder/Contractor:			
Total Bid Amount:			
Where does this Bid rank?			
		Y	N
	License(s) necessary to perform project:		
Experience with similar projects (based on References and/or RCD experience with Contractor and/or what is listed as experience):			
Exhibits an understanding of project through experience or has provided a sufficient workplan:			
Following requirements will be evaluated on the following scoring criteria:			
Scoring Criteria:	<i>5 = Excellent</i>		
	<i>3 = Adequate</i>		
	<i>0 = Inadequate (cause for rejection of bid)</i>		
	Guarantee on Services:		
	Labor Compliance Experience (direct experience or hired):		
	Ability to implement project within stipulated timeframe:		
	Labor force and equipment to perform work:		
	Proposal for completing tasks:		
	Provide local jobs:		

BID FORM ATTACHMENT NO. 6: WORK PLAN

Please use the following space to describe in sufficient detail the work plan or methods you will employ to gain site access and accomplish the project according to specifications. This will include a full description of how the project will meet the site requirements and prevent damage to infrastructure. You may attach a written response to this packet if needed.

A large, empty rectangular box with a thin black border, intended for the bidder to provide a detailed work plan or methods for the project. The box is currently blank.

Appendix II

Exhibit A

Attached: Yreka Ridge Fuel Break map packet – 6 pages

Exhibit B

Attached: FIRE PLAN FOR CONSTRUCTION AND SERVICE CONTRACTS – 2 pages