



**SHASTA VALLEY
RESOURCE CONSERVATION DISTRICT**

215 Executive Court, Suite A, Yreka, CA 96097
(530) 572.3120
www.svr.cd.org

**McKinley GNA Mastication
BID PACKET
08/15/2026**

Project Funded by a CalFire Forest Health grant

Project Summary

*The **McKinley Good Neighbor Project** is a fuels reduction and forest health project located on the **Scott River Ranger District of the Klamath National Forest** in Siskiyou County, California.*

*The objective of this project is to improve fire resiliency, reduce hazardous fuel loading, and enhance forest health within strategic treatment areas and the wildland-urban interface (WUI). This work will contribute to increased wildfire defensibility for nearby communities including **Fort Jones and Scott Bar, CA**, while also improving habitat and watershed conditions.*

*This project is being implemented under a **Good Neighbor Authority (GNA) agreement with the U.S. Forest Service (USFS)**. The **Shasta Valley Resource Conservation District (SVRCD)** will serve as the project administrator and primary point of contact.*

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 detailed 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 email, mail, or hand deliver their sealed bid to the address listed below by **2 pm on September 11, 2026.**

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

SVRCD – McKinley GNA Mastication Project-2026

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 McKinley GNA Mastication”.

Emailed bids shall be sent to gickey@svrcd.org. Please make the Subject titled “Bid for the McKinley Mastication” Followed by your company’s name.

****Contract will be awarded based upon the funds available, therefore not all of the 386 acres may not be awarded under this contract****

Critical Dates

Pre-bid Site Visit

Contractors wishing to bid on this project may attend a pre-bid site visit scheduled on Wednesday September 2, 2026, at 11:00am. Those interested will meet at Salmon Scott Ranger District parking lot in Fort Jones. Representatives of the SVRCD and USFS will be present to discuss the project.

Dan Blessing
Project Manager
Email: dblessing@svrcd.org
Phone: 805.458.2684

Garrett Hickey
Project Coordinator
Email: gickey@svrcd.org
Phone: 530-925-5430

Bid Due Date

Bids shall be received by the SVRCD on or before, **September 11, 2026, 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. Start Date: **October 1, 2026**. All work shall be completed by **December 15, 2027**.

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

This project will create a fuel break and reduce hazardous fuels by treating **386 acres** on public lands which connect with public lands along a major strategic ridge between Scott Bar Mt and McKinley Mt. The prescription includes the thinning and removal of vegetation less than 10-inch diameter at breast height to provide approximately 20'-25 foot minimum spacing between canopies.

- Thin all conifers to a minimum of 20'-25' crown spacing.

- Remove, chip, or masticate all conifers, regardless of species, less than 10 inches DBH. No commercial sized conifers over 10" DBH may be removed, even if this does not allow for the minimum 20'-25' spacing.
- Preference of Mistletoe infected Trees to be removed.
- Remove, chip, or masticate all brush and existing slash.
- Remove or masticate all slash created during the McKinney fire fireline creation.
- Pre-existing slash and logs under 16" in diameter must be masticated or removed.
- No standing snags shall be removed, with the exception of hazardous snags that may impede work or create dangerous working conditions.
- Road edges and ditches will be masticated without damage to the drainage system. Slash created will be removed from the road surface.
- Knock down berms created at stream crossings or in drainage features such as swales that will impede streamflow or runoff. Intermittent streams may be crossed at designated locations approved by the Project Manager. Perennial streams shall not be crossed.
- Cut all stumps to 8 inches or less from the forest floor and sever all live limbs from stump.
- Slash will be treated to less than 3-foot lengths and less than 12 inches deep.
- Construct water bars as necessary to reduce erosion. The Contractor shall be responsible for restoring to their original condition any water bars or temporary roads disturbed as a result of the Contractor's operations. Any restoration work shall be at the Contractor's expense.

Special Considerations:

- Hardwoods may be removed to create the needed spacing.
- All effort shall be made to avoid damaging residual trees from mechanical equipment.
- No equipment shall be permitted within meadow areas.
- Intermittent streams will be flagged prior to implementation. Within these buffers, vegetation disturbance shall be limited to hand chainsaw work. No equipment will be used within the buffer.
- Exclusion Areas will be flagged in either orange and white striped 'Special Treatment' flagging or yellow and black 'Hazard Area' flagging prior to commencement of operations.
- **Within the designated progeny site, no live trees shall be cut or removed. Treatment within the progeny site shall be limited to the removal, chipping, or mastication of brush, ladder fuels, and dead trees. The thinning and 20–25 foot crown spacing requirements specified above do NOT apply within the progeny site. Care shall be taken to avoid damage to live trees during mechanical operations.**

Treated fuels will be removed, chipped, or masticated. Treatment will include the strategic removal of all brush and ladder fuels. Where opportunities exist, and where treatments allow, we will include allowances for the improvement of wildlife habitat, such as meadow areas.

Protection of Sensitive Wildlife Species:

Boundaries:

- The boundaries depicted on the project area map delineate the treatment unit. Unit boundaries may be flagged with pink flagging. A georeferenced digital map will be provided to help Contractor identify unit boundaries using GPS assisted technology.
- Exclusion areas will be flagged in orange and white stripe flagging.

Safety:

Shasta Valley Resource Conservation District *215 Executive Court, Suite A, Yreka, CA 96097 *(530) 572.3120

- 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 workday, no "islands" of untreated areas shall be left within areas that have been treated.

Payment Schedule

Contractor will submit invoices only upon the completion of individual units within their entirety. For example, if the contractor completes all work within Unit 1 they may submit an invoice for all acres associated with that unit. If the contractor has begun, but not completed, work in another unit, those acres may not be included in the invoice submission. SVRCD submits invoices to the Granting Agency on a monthly basis. 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 their 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. The 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:

- Treatment plan for project area, including equipment types and ability to work on steep slopes
- Ability to implement project within stipulated timeframe
- Timing of operations
- Use of subcontractors if applicable

Additional Information

Site Locations: The project is located on public lands from Scott Bar Mt to McKinley Mt in Scott Valley on the northern end.

See map in Appendix II for more information.

Directions to the Project locations: The project is located on public lands. The project site can be accessed through McAdams Creek road on the east and Indian Creek road on the west.

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 Contractor is required to provide SVRCD with proof of appropriate insurance listing the SVRCD as additionally insured. All subcontractors also shall provide the insurance listed below.

General and Commercial Liability Insurance:

The Contractor shall provide commercial general liability insurance of not less than \$1,000,000 per occurrence for bodily injury and property damage liability combined for \$2,000,000 in effect to the Contractor.

Worker's Compensation Insurance:

The Contractor shall provide Worker's Compensation Insurance with Waiver of Subrogation. Employer's liability shall be not less than **\$1,000,000.00**.

Commercial Automobile Insurance on Owned, Hired, and/or Non-Owned vehicles:

The Contractor shall provide Commercial Automobile Insurance on Owned, Hired, and/or Non-Owned vehicles of not less than **\$1,000,000.00** policy.

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 the project area 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).

Rework and Re-inspection after Rework: If inspection results are below 95% 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 Map
- Exhibit B: Fire Plan

Appendix I

BID FORM ATTACHMENT NO. 1: Contractor Information

Bid Due Date: **SEPTEMBER 11, 2026, at 2:00 pm**

General Information:

Company
Name: _____

Company
Address: _____

Contact
Name: _____

Phone: _____ Fax: _____

Email: _____ Federal ID
or SSN #: _____

Years in
Business: _____ LTO License
(not
required): _____

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 the 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 to 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 Unit 1	67	Acres		
1.1	Mastication Unit 2	105	Acres		
1.2	Mastication Unit 86	40	Acres		
1.3	Mastication Unit 105	17	Acres		
1.4	Mastication Unit 107	40	Acres		
1.5	Mastication Unit 116	36	Acres		
1.6	Mastication Unit 117	81	Acres		
Total Bid Cost:					

Units: LS = Lump sum; ac = acre

Pay items Description:**1.0 Mastication**

The bid price for this item shall include all equipment, manpower, mobilization, insurance, and bonding to complete the work described in the specifications to masticate this **386-acre** area.

****Contract will be awarded based upon the funds available, therefore not all of the 386 acres may not be awarded under this contract****

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:	USDA Forest Service		
Project Title:	Mckinley GNA Mastication		
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:		
	Ability to implement project within stipulated timeframe:		
	Labor force and equipment to perform work:		
	Proposal for completing tasks:		
	Provide local jobs:		

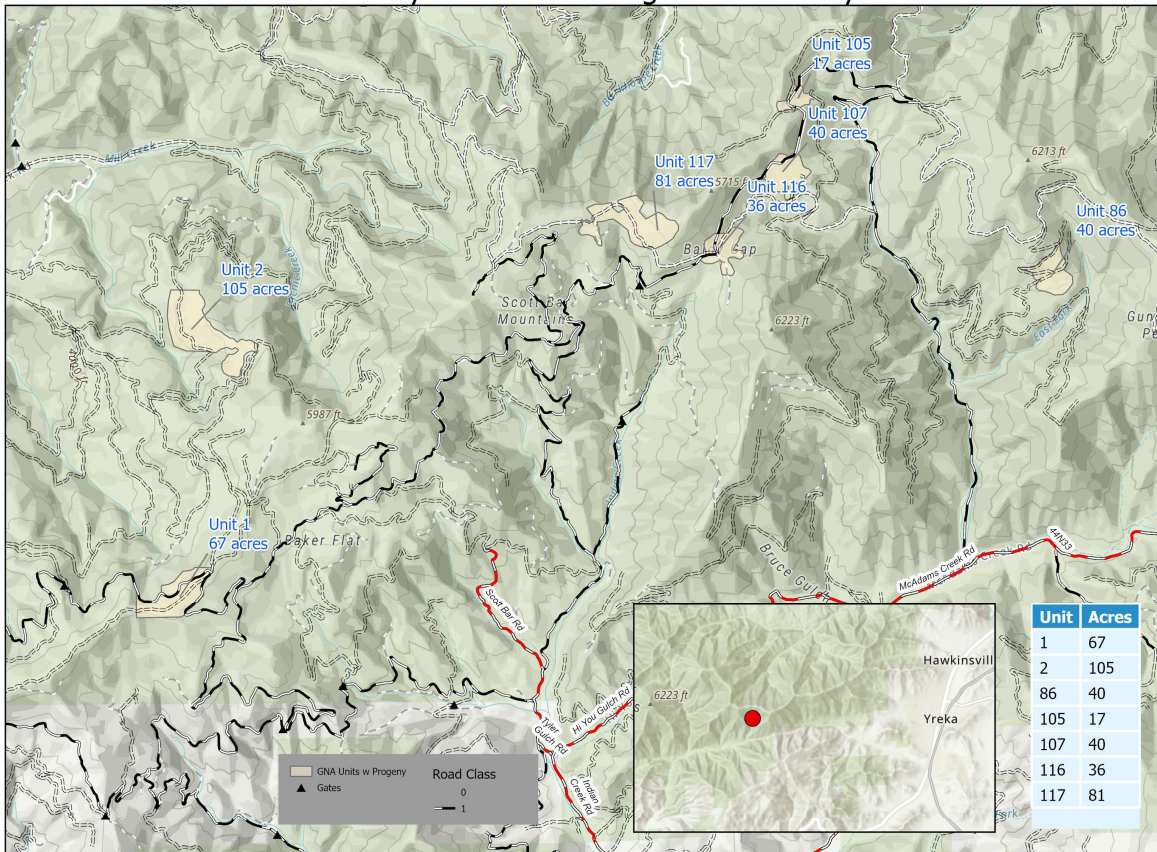
BID FORM ATTACHMENT NO. 6: WORK PLAN

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. Pictures and references may be included to help clarify your plan. Not providing a detailed workplan could result in lower bid score.

Appendix II

Exhibit A

McKinley Scott Good Neighbor Authority



Date: 8/12/2026

A Georeferenced PDF version of the finalized project map will be provided to the contractor prior to commencement of operations.

Exhibit B

FIRE PLAN FOR CONSTRUCTION AND SERVICE CONTRACTS

Shasta Valley Resource Conservation District *215 Executive Court, Suite A, Yreka, CA 96097 *(530) 572.3120

APPENDIX G-2
FIRE PLAN FOR CONSTRUCTION AND SERVICE CONTRACTS
08/02/2012

1. **SCOPE:**

The provisions set forth below outline the responsibility for fire prevention and suppression activities and establish a suppression plan for fires within the contracted project area. The contracted project area is defined upon contract award with associated maps and delineations. The contractor shall ensure that all following precautions are taken during the contract period within an awarded project area. The provisions set forth below also specify conditions under which contracted activities will be curtailed or shut down.

2. **RESPONSIBILITIES:**

A. Contractor

(1) Shall abide by the requirements of this Fire Plan.

(2) Shall take all steps necessary to prevent his/her employees, subcontractors and their employees from setting fires not required in completion of the contract, shall be responsible for preventing the escape of fires set directly or indirectly as a result of contract operations, and shall extinguish all such fires which may escape.

(3) Shall permit and assist in periodic testing and inspection of required fire equipment. Contractor shall certify compliance with specific fire precautionary measures in the fire plan, before beginning operations during Fire Precautionary Period and shall update such certification when operations change.

(4) Shall designate in the Fire Plan and furnish on Contract Area, during operating hours, a qualified fire supervisor authorized to act on behalf of Contractor in fire prevention and suppression matters.

B. Partner or Forest Service~~Forest Service~~

The Partner or Forest Service may conduct one or more inspections for compliance with the Fire Plan. The number, timing, and scope of such inspections will be at the discretion of agency employees responsible for contract administration. Such inspections do not relieve the Contractor of responsibility for correcting violations of the fire plan or for fire safety in general, as outlined in paragraph 2.A above.

3. **DEFINITIONS:**

The following definitions shall apply:

Active Landing: A location the contractor may be skidding logs into, or performing other operations such as delimbing, log manufacturing, and chipping logs. Except for EV and E days, loading logs or stockpiling chips only, on a cleared landing, does not constitute an Active Landing.

Hot Saw: A harvesting system that employs a high-speed (>1100 rpm) rotating felling head, i.e., full rotation lateral tilt head.

Mechanical Operations: The process of felling, skidding, chipping, shredding, masticating, piling, log processing and/or yarding which requires the use of motorized power which

includes, chainsaws, chippers, motorized carriages, masticators, stroke delimiters, skidders , dozers etc.

4. **TOOLS AND EQUIPMENT:**

The Contractor shall comply with the following requirements during the fire precautionary period, as defined by unit administering contracts:

The Fire Precautionary Period is set by the State of California which is April 1 through December 1 of any year.

- This contract ☐ requires, ☒ does not require, a Fire Box and associated Fire Tools according to CPRC Section 4428.

A. Fire Tools and Equipment: Contractor shall meet minimum requirements of Section 4428 of the California Public Resources Code (C.P.R.C.). Fire tools kept at each operating landing shall be sufficient to equip all employees in the felling, yarding, loading, chipping, and material processing operations associated with each landing. Fire equipment shall include two tractor headlights for each tractor dozer used in Contractor's Operations. Tractor headlights shall be attachable to each tractor and served by an adequate power source. All required fire tools shall be maintained in suitable and serviceable condition for fire fighting purposes.

Trucks, tractors, skidders, pickups and other similar mobile equipment shall be equipped with and carry at all times a size 0 or larger shovel with an overall length of not less than 46 inches and a 2-1/2 pound axe or larger with an overall length of not less than 28 inches.

Where cable yarding is used, Contractor shall provide a size 0 or larger shovel with an overall length of not less than 46 inches and a filled backpack can (4 or 5 gallon) with hand pump within 25 feet of each tail and corner block.

B. Fire Extinguishers: Contractor shall equip each internal combustion yarder, fuel truck, and loader with a fire extinguisher for oil and grease fires (4-A:60-B:C).

Skidders and tractors shall be equipped with a minimum 5-BC fire extinguisher.

All Fire Extinguishers shall be mounted, readily accessible, properly maintained and fully charged.

Contractor shall equip each mechanized harvesting machine with hydraulic systems, powered by an internal combustion engine (chipper, feller/buncher, harvester, forwarder, hot saws, stroke delimeter, etc), except tractors and skidders, with at least two 4-A:60-B:C fire extinguishers or equivalent.

- 1.1. **C. Spark Arresters and Mufflers:** Contractor shall equip each operating tractor and any other internal combustion engine with a spark arrester, except for motor vehicles equipped with a maintained muffler as defined in C.P.R.C. Section 4442 or tractors with exhaust-operated turbochargers. Spark Arresters shall be a model tested and approved under Forest Service Standard 5100-1a as shown in the. National Wildlife Coordinating Group Spark Arrester Guide, Volumes 1 and 2, and shall be maintained in good operating condition. Every motor vehicle subject to registration shall at all times be equipped with an adequate exhaust system meeting the requirements of the California Vehicle Code.

- 1.2. **D. Power Saws:** Each power saw shall be equipped with a spark arrester approved according to C.P.R.C. Section 4442 or 4443 and shall be maintained in effective working order. An Underwriters Laboratories (UL) approved fire extinguisher containing a minimum 14 ounces of fire retardant shall be kept with each operating power saw. In

addition, a size 0 or larger shovel with an overall length of not less than 38 inches shall be kept with each gas can but not more than 300 feet from each power saw when used off cleared landing areas.

• This contract ☐ requires, ☒ does not require, Section 4E of the Fire Plan.

E. Tank Truck or Trailer: Contractor shall provide a **water tank truck or trailer** on or in proximity to Contract Area during Contractor's Operations hereunder during Fire Precautionary Period. When Project Activity Level B or higher is in effect, a tank truck or trailer shall be on or immediately adjacent to each active landing, unless otherwise excepted when Hot Saws or Masticators are being used. See Section 6 for specific contract requirements.

The tank shall contain at least 300 gallons of water available for fire suppression. Ample power and hitch shall be readily available for promptly and safely moving tank over roads serving Contract Area. Tank truck or trailer shall be equipped with the following:

- (1) Pump, which at sea level, can deliver 23 gallons per minute at 175 pounds per square inch measured at the pump outlet. Pumps shall be tested on Contract Area using a 5/16 inch orifice in the Forester One Inch In-Line Gauge test kit. Pump shall meet or exceed the pressure value in the following table for nearest temperature and elevation:

T e m p	Sea Level		1000 Feet		2000 Feet		3000 Feet		4000 Feet		5000 Feet		6000 Feet		7000 Feet		8000 Feet		9000 Feet		10000 Feet	
55	179	23	174	23	169	23	165	22	161	22	157	22	153	22	150	21	146	21	142	21	139	21
70	175	23	171	23	166	22	162	22	158	22	154	22	150	21	147	21	143	21	139	21	136	20
85	171	23	168	23	163	22	159	22	155	22	151	21	147	21	144	21	140	21	136	20	133	20
100	168	23	164	23	159	22	155	22	152	22	148	21	144	21	141	21	137	20	133	20	131	20
	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M

The pump outlet shall be equipped with 1-1/2 inch National Standard Fire Hose thread. A bypass or pressure relief valve shall be provided for other than centrifugal pumps.

- (2) 300 feet of 3/4-inch inside diameter rubber-covered high-pressure hose mounted on live reel attached to pump with no segments longer than approximately 50 feet, when measured to the extreme ends of the couplings. Hose shall have reusable compression wedge type 1-inch brass or lightweight couplings (aluminum or plastic). One end of hose shall be equipped with a coupling female section and the other end with a coupling male section. The hose shall, with the nozzle closed, be capable of withstanding 200 PSI pump pressure without leaking, distortions, slipping of couplings, or other failures.
- (3) A shut-off combination nozzle that meets the following minimum performance standards when measured at 100 P.S.I. at the nozzle:

	G.P.M.	Horizontal Range
Straight Stream	10	38 feet
Fog Spray	6 - 20	N/A

- (4) Sufficient fuel to run the pump at least 2 hours and necessary service accessories to facilitate efficient operation of the pump.

When Contractor is using Hot Saws or Masticators, an additional 250 feet of light weight hose, approved by the Forest Service, shall be immediately available for use and be capable of connecting to the 300 feet of hose and appurtenances in (2) and (3) above.

This equipment and accessories shall be deliverable to a fire in the area of operations and is subject to the requirements for each specific activity level identified in Section 6.

F. Compressed Air Foam System: A Compressed Air Foam System (CAFS) is a fire suppression system where compressed air is added to water and a foaming agent. By agreement, Contractor may substitute a CAFS or functional equivalent in lieu of the tank truck, trailer or fire extinguishers, provided it meets or exceeds the following specifications and requirements:

1. Variable foam expansion ratio – 10:1 to 20:1.
2. Units shall be kept fully charged with air; water and foam concentrate as recommended by the manufacturer and have the appropriate tools to service the system.
3. The unit shall contain enough energy to empty tank and clear hose prior to exhausting propellant.
4. The unit shall be capable of being completely recharged within 10 minutes.
5. When used on cable yarding landings, the unit shall be outfitted for immediate attachment to carriage and transported without damage to the unit.

Fire extinguishers required for Hot Saws, Masticators and similar equipment identified in Section 4 B. above may be substituted with a 3 gallon CAFS.

Tank truck, trailer or equivalent may be substituted with a 30 Gallon CAFS with at least 550 feet of one inch hose and an adjustable nozzle with enough water, air and foam concentrate for at least one recharge.

This equipment and accessories shall also be deliverable to a fire in the area of operations and subject to the requirements for each specific activity level identified in Section 6.

5. **GENERAL**

- A. **State Law:** In addition to the requirements in this Fire Plan, the Contractor shall comply with all applicable laws of the State of California. In particular, see California Public Resource Codes.
- B. **Permits Required:** The Contractor must secure a special written permit from the District Ranger or designated representative before burning, welding or cutting metal or starting any warming fires. If contract requires Blasting and Storing of Explosives and Detonators, an Explosives Permit may be required pursuant to the California Health and Safety Code, Section 12101.
- C. **Blasting:** Contractor shall use electric caps only unless otherwise agreed in writing. When blasting is necessary in slash areas, a Fire Patrolperson equipped with a size 0 or larger shovel with an overall length of not less than 46 inches and a filled backpack can (4 or 5 gallon) with hand pump shall remain in the immediate area for an hour after blasting has been completed.
- D. **Smoking:** Smoking shall not be permitted during fire season, except in a barren area or in an area cleared to mineral soil at least three feet in diameter. In areas closed to smoking, the CO may approve special areas to be used for smoking. The Contractor shall sign designated smoking areas. Contractor shall post signs regarding smoking and fire rules in conspicuous places for all employees to see. Contractor's supervisory personnel shall require compliance with these rules. Under no circumstances shall smoking be permitted

during fire season while employees are operating light or heavy equipment, or walking or working in grass and woodlands.

- E. **Storage and Parking Areas.** Equipment service areas, parking areas, and gas and oil storage areas shall be cleared of all flammable material for a radius of at least 10 feet unless otherwise specified by local administrative unit. Small mobile or stationary internal combustion engine sites shall be cleared of flammable material for a slope distance of at least 10 feet from such engine. The COR shall approve such sites in writing.
- F. **Reporting Fires:** As soon as feasible but no later than 15 minutes after initial discovery, Contractor shall notify Forest Service of any fires on Contract Area or along roads used by Contractor. Contractor's employees shall report all fires as soon as possible to any of the following Forest Service facilities and/or personnel listed below, but not necessarily in the order shown:

	Name	Office Address	Office telephone
Dispatch Center	Yreka Dispatch	1809 Fairlane Rd, Yreka	530-842-4600 or 911
Nearest FS Station	Fort Jones District Office	11263 N Hwy 3, Fort Jones	530-468-5351
Fire Lookout	Eddy Gulch	T40N, R8W, Sec 33	530-462-4601
COR Forest Service Representative	Malia Ayres	11263 N Hwy 3, Fort Jones	530-643-9539
COR Forest Service Representative	Robert Muma	11263 N Hwy 3, Fort Jones	530-598-9430
COR Forest Service Representative	Dan Beall	11263 N Hwy 3, Fort Jones	530-598-3477

When reporting a fire, provide the following information:

- Your Name
 - Call back telephone number
 - Project Name
 - Location: Legal description (Township, Range, Section); and Descriptive location (Reference point)
 - Fire Information: Including Acres, Rate of Spread and Wind Conditions.
 - **This contract ☒ requires, ☐ does not require, Section 5G of the Fire Plan.**
- G. **Communications:** Contractor shall furnish a serviceable telephone, radio-telephone or radio system connecting each operating side with Contractor's headquarters. When such headquarters is at a location which makes communication to it clearly impractical, Forest Service may accept a reasonable alternative location. The communication system shall provide prompt and reliable communications between Contractor's headquarters (or agreed to alternative) and Forest Service via commercial or Forest Service telephone.
- **This contract ☐ requires, ☒ does not require, Section 5H of the Fire Plan.**
- H. **Fire Patrolperson:** Contractor shall furnish a qualified fire patrolperson each operating day when Project Activity Level C or higher is in effect. When on duty, sole responsibility of patrolperson shall be to patrol the operation for prevention and detection of fires, take suppression action where necessary and notify the Forest Service as required. This Fire patrol is required on foot, unless otherwise agreed. By agreement, one patrolperson may

provide patrol on this and adjacent projects. No patrolperson shall be required on Specified Road construction jobs except during clearing operations unless otherwise specified.

The Contractor shall, prior to commencing work, furnish the following information relating to key personnel:

2. Title	Name	Telephone Number
<u>Fire Supervisor</u>		
<u>Fire Patrolperson</u>		

I. **Clearing of Fuels:** Contractor shall clear away, and keep clear, fuels and logging debris as follows:

Welding equipment and stationary log loaders, yarders and other equipment listed in California State Law:	10 feet slope radius
Tail or corner haulback blocks:	All running blocks shall be located in the center of an area cleared to mineral soil at least 15 feet in diameter.
Lines near, between or above blocks:	Sufficient clearing to prevent line from rubbing on snags, down logs and other dead woody material.

6. **EMERGENCY PRECAUTIONS**

Contractor's Operations shall conform to the limitations or requirements in the Project Activity Level (PAL) table below. Project Activity Levels applicable to this project shall be the predicted activity levels for the Fire Danger Rating Area(s), or fire weather station(s) stated in the Contract Area Map Legend on Integrated Resource Service Contracts (IRSC's), and other contracts where applicable.

Fire Danger Rating Area/Fire Weather Station for Project

West

The Forest Service, in its sole discretion, may change the predicted activity level if the current fire suppression situation, weather and vegetation conditions warrant an adjustment. If practicable, Forest Service will determine the following day's activity level by 6:00 PM. Contractor shall obtain the predicted Project Activity Level from the appropriate Ranger District Office before starting work each day.

Phone Number or Website to obtain Predicted Activity Levels:

(530) 841-4588

Forest Service may change the Project Activity Level Table to other values upon revision of the National Fire Danger Rating System. When Contractor is notified, the revised Project Activity Levels will supersede the levels in the Project Activity Level Table below.

PROJECT ACTIVITY LEVEL

Level	<i>Project Activity Minimum Requirements and Restrictions. Restrictions at each level are cumulative.</i>
A	Minimum requirements noted above in Sections 4 and 5.
B	1. Tank truck, trailer, or approved CAFS substitute shall be on or adjacent to the Active Landing.
C	1. When Hot Saws or Masticators are operating, a tank truck, trailer, or approved CAFS substitute shall be within ¼ mile of these operations. Effective communications shall exist between the operator and the Active Landing. 2. Immediately after Mechanical Operations cease, Fire patrol is required for two hours.

Level	<i>Project Activity Minimum Requirements and Restrictions. Restrictions at each level are cumulative.</i>
D	1. Immediately after Hot Saw or Masticator operations cease, Fire patrol is required for three hours. 2. No Dead Tree felling after 1:00 PM, except recently dead. 3. No burning, blasting, welding or cutting of metal after 1:00 PM, except by special permit.
Ev	1. The following activities may operate all day: a) Loading and hauling logs decked at approved landings. b) Loading and hauling chips stockpiled at approved landings. c) Servicing equipment at approved sites. d) Dust abatement, road maintenance (Chainsaw use prohibited), culvert installation within cleared area, chip sealing, paving, earth moving or rock aggregate stock pile loading and installation (does not include pit or quarry development). e) Chainsaw and log processing operations associated with loading logs or other forest products at approved landings. 2. Hot Saws or Masticators may operate until 1:00 PM; provided that: a) A tractor or other equipment with a blade capable of constructing fireline is on or adjacent to the active landing or within ¼ mile of the operating equipment. This piece of equipment shall have effective communication with the Hot Saw or Masticator. b) Any additional restrictions specified by the Forest. 3. All other conventional Mechanical Operations are permitted until 1:00 PM. 4. Some operations may be permitted after 1:00 PM, on a case-by-case basis, under the terms of a PAL Ev Variance Agreement. Activities for which a Variance may be issued are: • Rubber Tire Skidding • Chipping on Landings • Helicopter Yarding • Fire Salvage When approved by a Line Officer, a Variance Agreement can be implemented when the criteria specified in the agreement are met and mitigation measures are in place. This approval is good for ten (10) days unless cancelled sooner or extended by the Contracting Officer for an additional ten (10) days. Variance approval can be withdrawn at the sole discretion of the Forest Service. Variance approval is contingent on the 7-day fire weather forecast, fuel conditions, site characteristics, current fire situation, state of Contractor's equipment for prevention and suppression readiness, type of operation and social and community considerations etc. (See Project Activity Level Variance Agreement).
E	The following activities may operate all day: 1. Loading and hauling logs decked at approved landings. 2. Loading and hauling chips stockpiled at approved landings. 3. Servicing Equipment at approved sites. 4. Dust abatement, road maintenance (chainsaw use prohibited) or loading stock piles and rock aggregate installation (does not include pit or quarry development). 5. Chainsaw operation associated with loading at approved landings. All other activities are prohibited.

This Project utilizes “The Project Activity Level” (PAL), an industrial operation’s fire precaution system. The following Climatology Chart indicates the Historic Activity Levels for the Project Fire Danger Rating Area or Fire Weather Station utilized on this Project. This is only a historical average of the Activity Levels for the identified Fire Danger Rating Area or Weather Station.

SVRCD – McKinley GNA Mastication Project-2026

Project Activity Level Climatology								
Fire Danger Rating Area/Weather Station	West				Years Analyzed		2009 - 2015	
	A	B	C	D	Ev	E	Days	
Month	Expected Days per Month at Each PAL Value						Analyzed	
July	0	1	9	9	6	0	185	
August	0	1	9	11	6	0	190	
September	1	3	7	9	7	0	182	
October	4	5	8	3	0	0	151	