

Jonesville Hand Thin and Pile
Unit 1
Lassen National Forest, Almanor Ranger District
Butte County, California
Request for Proposals
September 10th, 2026

PROJECT DESCRIPTION

The purpose of this Request for Proposals is for the Butte County Resource Conservation District (“District”) to solicit potential contractor’s interest in providing services for hand thinning on Forest Service land around the communities of Butte Meadows and Jonesville. The primary objective of treatments is the reduction of surface and ladder fuels which includes conifer trees less than 10 inches diameter at breast height (DBH) woody vegetation (shrubs), and down woody material. Work will be conducted on steep slopes and in areas within and adjacent to sensitive wildlife species’ habitat. These areas require hand-crews to complete work in order to avoid impacts that might occur with the use of heavy equipment.

This project is in collaboration with the Lassen National Forest - Almanor Ranger District and therefore will adhere to Federal regulations and Best Management Practices that are outlined in the contract and identified in the Federal environmental compliance documentation (see Attachment E).

Contractor Responsibility: The Contractor shall provide everything - including, but not limited to, equipment, supplies, transportation, labor, and supervision - necessary to complete the project, except for that which the contract clearly states is to be furnished by the District.

1. CONTRACTOR’S OBLIGATIONS

The Bidder must analyze and respond to all sections for this Request for Proposals (RFP) providing sufficient information to allow the District to evaluate the proposals. The Contractor, by submitting this proposal, agrees that any costs incurred by the Contractor in responding to this RFP, are to be borne by the Contractor and may not be billed to the District.

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

2. PROPOSAL SUBMISSION REQUIREMENTS

Contractor should mail, hand deliver, or email (PDF) their sealed proposal to the address listed below by **5:00PM on Monday, October 5th**. Electronic submissions preferred.

Butte County Resource Conservation District
641 Entler Ave, Suite 47
Chico, CA 95928
or
ben@bcrd.org

3. CRITICAL DATES

A. Pre-Proposal Site Visit (Bid Walk): **Monday, September 21st, at 9AM**

Contractors wishing to submit a proposal on this project must attend a mandatory pre-proposal meeting on **Monday, September 21st, at 9AM** Contractors and BCRCD staff will meet at the [Cherry Hill Campground](#) parking lot Northeast of Butte Meadows on Humboldt Rd. If using Google maps, use the Cherry Hill Campground for directions. There's a small lot near the restroom and additional parking available along the road just outside the entrance to the campground. This will be the general meeting area. The unit is located south of the campground. The only access is via a footbridge. Hiking across steep terrain will be needed to view the unit.

B. Question Submission: **Monday, September 28th at 5:00 PM.**

Contractors may submit questions by email to ben@bcrd.org before **Monday, September 28th at 5:00 PM**. All pertinent questions will be answered and shared via email with all of the other contractors who attended the mandatory pre-proposal site visit. The Contractor understands and agrees that it has a duty to inquire about and clarify any RFP questions that the Contractor does not fully understand or believes may be interpreted in more than one way. The BCRCD, however, is not required to answer questions that are not pertinent to the RFP or are considered to be proprietary information. Questions will be answered by **Wednesday, September 30th at 5pm.**

Please address questions to:
Ben Converse
Email: ben@bcrd.org

C. Proposal Due Date: **Monday, October 5th at 5:00 PM**

Proposals shall be received by the BCRCD on or before Monday, October 5th at 5:00 PM at the BCRCD address listed above. Late submissions will not be accepted. Electronic submissions preferred.

D. Contract Dates: **After Notice to Proceed is issued through August 31st, 2027.**

The Contractor shall not begin operation until the Notice to Proceed is issued. All work shall be completed based on the phases outlined in the project specifications. Work will pause for winter weather at the discretion of Project Manager.

4. CONTRACTUAL COMMITMENT OF PROPOSAL

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

5. GENERAL

Contractor is expected to follow the project specifications, site plans, permit requirements, and all state, federal, and county laws and standards for this project. The Contractor will be reporting directly to the District, however, Forest Service supervisors will be present as needed to make sure specifications are being met. Contractor's foreman **must** be familiar with contract specifications.

6. PROJECT LOCATION

The Jonesville Hand Thin and Pile Service Contract - Unit 1 is located between Butte Meadows and the unincorporated community of Jonesville in Butte County, CA. The unit itself is North and East of the Cherry Hill Campground. It is a USFS administered area, 4,600' - 5,500' elevation. The unit is bordered by Butte Creek on the Northern edge and a dozerline that follows a ridge on the southern edge. Slopes generally range from 35-60% with aspects that are North and West facing. The unit overlaps with sections 14, 22, and 23 in Township 26N, Range 04E, of the Mount Diablo Meridian.

Description: Work unit will be delineated with blue flagging. Additionally, it is expected that Contractor will utilize GPS devices to identify borders of work areas.

Accessibility: The unit can be accessed on foot via the Cherry Hill Campground where vehicles can be parked and Butte Creek can be crossed via a footbridge.

Additional access is available via an SPI road south of the unit which can be driven by a 2-wheel drive vehicle during the dry season. The road ends about a ¼ mile from the project area. The remaining distance will need to be traversed by foot. A gatecode will be provided prior to the start of work. The access route is shown in an attached map.

The Contractor shall be responsible for obtaining all permits necessary for the transportation of equipment on Federal, state, county, and private roads.

Directions to the Project Location:

If approaching from Highway 32, exit near Lomo onto Humboldt Rd. Drive approximately 9 miles on Humboldt Road. Pass through the community of Butte Meadows. Cherry Hill Campground is located to the right (if traveling north) of the road along Butte Creek.

If approaching from Skyway, drive Skyway to Butte Meadows. Take a right on Humboldt Road Drive approximately 3.5 miles on Humboldt Road to the Cherry Hill Campground. The campground is located to the right (if traveling north) of the road along Butte Creek.

Limited / Exclusion Areas: Cultural control areas may be designated with red and white striped flagging, stream and wet area buffers may be designated with blue and white striped flagging, noxious weed populations may be designated by orange flagging printed with the words “NOXIOUS WEEDS.” Sensitive botanical resources (if any) are designated with blue and black striped flagging. Within these zones designated prescriptions will be adhered to in order to mitigate damage to resources. Unit boundaries are designated with solid blue flagging.

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.

7. PROJECT SPECIFICATIONS

Table 1 Summary of SOW

Treatment	Unit #	Description	Estimated total in task
Bid Item 1:	1A	Hand Cut & Pile	163 acres
Bid Item 2:	1B	Hand Cut & Pile	72 acres
Bid Item 2 (optional):	1A & 1B	Fireline - 2 foot wide scrape around piles	235 acres

Work Site Specifications:

- All trash produced during the workday will be collected and disposed of off-site.
- The contractor will implement precautions to prevent the spillage of gasoline and oil from equipment refueling and report any spills to the Project Manager or designee immediately. No refueling will occur within riparian zones.
- All equipment utilized for the project shall be cleaned prior to bringing into the project area in order to reduce the spread of invasive weeds.

8. LICENSES

Contractor represents and warrants to District that he/she has, and will keep in effect or obtain as required, all licenses, permits, and qualifications, of whatsoever nature that are legally required for Contractor to practice his/her profession. Failure of the Contractor to comply with this provision shall authorize the District to immediately terminate this agreement.

9. CONTRACTOR FURNISHED EQUIPMENT

The Contractor shall provide everything--including, but not limited to, all equipment, supplies, transportation, labor, and supervision--necessary to complete the project, except for that which the contract clearly states is to be furnished by the District.

All equipment used within the contract stands shall be in such mechanical condition and of an appropriate type to meet with the requirements of the work and to produce and maintain a satisfactory quality of work. All equipment used will meet or exceed OSHA specifications.

Fire Plan Requirement

The contractor shall comply with all requirements included in Attachment D: Fire Plan. These requirements include calling the Project Activity Level (PAL) hotline to obtain information on current restrictions in the area. The restrictions specified will be adhered to as detailed in the Fire Plan.

10. DISTRICT FURNISHED PROPERTY

None.

11. DEFINITIONS

Woody Vegetation: Any plants with wood structure that remain low stature in the understory.

Cuptrench: A trench cut on the downhill side of a fireline designed to catch any rolling material that could carry fire outside the unit (logs, pinecones, hot rocks, etc.). Material dug to create the trench is piled and molded into a berm on the downhill side of the trench.

Down Woody Material: Any piece(s) of dead woody material, including freshly cut material, dead boles, limbs and large root masses on the ground

DBH: Diameter at Breast Height (4 ½ feet above the ground, measured on the uphill side).

Effective Ground Cover: Any material on or near the soil surface that protects the soil against the erosive action of raindrops and overland flow (e.g., loose surface stones, duff, vegetative material, woody debris, leave trees, stumps, snags, down logs).

12. ROAD MAINTENANCE

All roads shown on contract maps shall be left in the original condition existing prior to the commencement of work on this contract. Roads which do not appear on contract maps as well as roads opened by the Contractor for their use shall be considered temporary and be blocked at the conclusion of the work being performed. The contractor shall install water bars on heavily traveled paths on slopes greater than 20%. Any water bars in skid trails disturbed by the Contractor's operations shall be restored to the condition prior to damage, at the Contractor's expense. Slash may not be left in the roadways, as this would pose a traffic hazard.

13. WORK TIMING

The Contractor shall begin work within thirty (30) calendar days after the effective date of the Notice to Proceed, which will be issued for individual contract items, and shall prosecute the work at a rate that will result in completion of all work within the following time frame:

Item No.	Estimated Start Work Date	Contract Time (Calendar Days)
1-2	October 19th, 2026	316 Days

Failure to begin work on schedule will make the contract subject to immediate termination for default.

Delays due to normal adverse weather, weekends, and holidays have been included in the calculation of contract time. The District reserves the right to set the priority of items or subitems. Contractor shall complete all work on one subitem before proceeding to another unless approved by Project Manager.

If this contract has more than one numbered item, award of more than one item to one contractor will not change the start work dates or the amount of contract time; times will run concurrently.

14. WINTER SHUTDOWN

When winter weather sets in and the continuation of work is impractical, the Project Manager may authorize a total suspension until such time as work can proceed. During the period of total suspension, the calendar days elapsed will not be charged against the contract time.

15. EMERGENCIES

Fire Plan

[X] See Attached Fire Plan

Area of Responsibility for Fire. Unless otherwise noted elsewhere in the contract, the fire plan defines the limits of a contractor's area of responsibility for fire.

16. SUPERINTENDENCE BY CONTRACTOR

The name and the specific authorities of the foreman or superintendent must be designated in writing to the Project Manager. The Contractor may use his/her own prepared letterhead stationery. If the Contractor or the designee is not present when work is being performed on the contract, a Suspend Work Order may be issued with contract time continuing to run. The Contractor shall have a person on-site that is fully conversant in the English language.

17. ARCHAEOLOGICAL AND HISTORIC SITES

Location of known archaeological, historic, or pre-historic materials--such as Amerind artifacts and/or historic mining, logging, or fur trapping remains protected by the American Antiquities Act (16 USC 433)--will be identified for the contractor before work commences.

18. SPILL PLAN

If the total oil or oil products storage exceeds 1,320 gallons or if any single container exceeds a capacity of 660 gallons, the Contractor shall prepare and implement a Spill Prevention and Countermeasures (SPCC) Plan. Such plan shall meet applicable EPA requirements (40 CFR 112), including certification by a registered professional engineer. The Contractor under the direction of the Project Manager, or in the absence of said individual, acting independently, shall immediately take action to contain and clean up, without expense to the District, all petroleum products spills on or in the vicinity of the project which are caused by the Contractor's employees directly or indirectly as a result of contract operations. The Contractor may be held liable for all damages and costs of additional labor, subsistence, equipment, supplies, and transportation deemed necessary by the District for the containment and cleanup of petroleum products spills caused by Contractor's employees or resulting from contract operations. The Contractor shall immediately report all petroleum products spills to the Project Manager.

19. EQUIPMENT CLEANING

All off-road equipment used on this project shall be washed before moving into the project area so that the equipment is free of soil, seeds, vegetative material, or other debris that could contain or hold seeds of noxious weeds. "Off-road equipment" includes all ATVs and UTVs, or any other tracked or wheeled equipment used to access the unit.

Equipment will be considered clean when visual inspection does not reveal soil, seeds, plant material, or other such debris. Disassembly of equipment components or specialized inspection equipment is not required. Contractor shall notify the Project Manager at least five days in advance of moving equipment in so that arrangements can be made for inspection.

If the project area is known to contain noxious weeds, the equipment shall be cleaned before moving to other Forest Service Land which do not contain noxious weeds.

20. PAYMENT

Contractor will be paid for expenses based on the invoices submitted on a monthly basis. The BCRCDD must receive invoices no later than the 5th of each month to adhere to the BCRCDD's billing schedule. Payments will be made on a per-acre basis, following inspection of work. Work must be in compliance with specifications before payment will be made.

Payments to the contractors shall be paid within thirty (30) days from receipt of the funds by the BCRCDD from the funding agency, which itself takes 0-30 days. BCRCDD will make every effort to secure an advance payment from the USFS so as to expedite payment to the contractor and keep the invoice turnaround to 30 days, but this is not guaranteed.

21. CONTRACTOR INSURANCE REQUIREMENTS

Contractor must hold insurance that meet the following Insurance Requirements:

Prior to rendering services, the contractor and his/her subcontractors shall acquire, and maintain during the term of this Agreement, at Contractor's sole expense: (1) Workers' Compensation Insurance conforming to the statutory requirements of the state in which operations under this agreement are performed; (2) comprehensive general and automobile bodily injury liability insurance written on an "occurrence" basis subject to minimum limits of \$1,000,000.00 each person and \$1,000,000.00 each occurrence; and (3) general property damage insurance subject to a minimum of \$1,000,000.00 with not more than a \$10,000.00 deductible each loss; and All liability insurance coverage shall provide that subcontractors working for the contractor are covered under the terms of contractor's policies. All insurance shall meet the approval of the District and all policies evidencing said insurance shall provide for thirty days' prior written notice to the District before cancellation or material change in the policy. A certificate of Insurance showing evidence of insurance coverage as specified herein shall be furnished to the District prior to commencement of Contractor's operations.

22. PROPOSAL DETAILS

This contract will not be awarded based solely on the lowest proposal. This project requires experience and references as described in Section b. below.

The Contractor shall submit the proposal for activities identified in this Request for Proposals using the Bid Form Attachments. Proposal may be rejected if the Bid Forms are not used or are incomplete. Bids do not need to include proposals for all bid items if one bid item is out of the scope of work for the contractor. Proposals will be considered complete even if one out of the five bid items is included, though preference is given to a Contractor that can complete all bid items in house or through the use of subcontractors.

a. Subcontracting

Any subcontractors must be identified along with the defined work they will perform on the bid form provided. The District will not refuse a proposal 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.

b. References and Required Experience

This project requires that the contractor have experience in hand cutting. Contractor will provide proof of completion and references three (3) projects of similar size and scope (as determined by the District Project Manager). References should speak to the contractor's experience in the type of work identified in the Scope of Work. References should include a contact name and current phone numbers.

c. Performance Bonding

The awarded Contractor will be required to provide a Performance Bond for 100% of the awarded amount.

d. Safety

When Contractor's operations are in progress adjacent to or on County or Forest Service 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. Devices shall be specified as in the "Manual on Uniform Traffic Control Devices for Street and Highway" (MUTCD). Devices shall be appropriate to current conditions and covered or removed when not needed.

e. 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.

f. Disputes

Disputes regarding awarding of contract will be decided by the BCRCD Board. Written appeal must be received within 10 days of award.

23. PROJECT MANAGER

Name: Ben Converse
Telephone Number: 530-720-5579
Email: ben@bcrd.org

24. LIST OF ATTACHMENTS

TITLE	DESCRIPTION
A.1-A.5) Bid Documents (pg. 11 - 15)	Bid proposal documents 1-5
B) Scope of Work (pg. 16 - 19)	Tasks and associated acres
C) Maps (pg. 20 - 21)	Vicinity Map, Unit Map
D) Fire Plan (pg. 22 - 31)	Fire Plan
E) Mitigation Measures (pg. 32 - 35)	Environmental Compliance Requirements sourced from the Upper Butte Creek Project planning and decision documents
F) Employment of Eligible Workers (pg. 36 - 42)	Labor standards for contracts involving H-2B workers or migrant and seasonal agriculture workers.

Jonesville Hand Thin and Pile: Unit 1
Attachment A.1: Contractor Information

Company Name: _____

Company Address: _____

Phone: _____ Email: _____

Federal ID: _____ Years in Business: _____

Available Start Date: _____

References: Provide 3 references (at least one must be from a USFS-lands project), with contact names and phone numbers for each reference.

1. Contact Name: _____ Phone: _____

Business Name / Client: _____

2. Contact Name: _____ Phone: _____

Business Name / Client: _____

3. Contact Name: _____ Phone: _____

Business Name / Client: _____

Bid validity: Specify the length of time this bid is valid for (minimum of 30 days) _____

Bid Information

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

_____ dollars / _____ dollars
(in words) (in numerals)

In the event of a discrepancy, the 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: _____

Jonesville Hand Thin and Pile: Unit 1
Attachment A.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 in Attachment B: Scope of Work.

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

1. Subcontractors, listing each subcontractor whose subcontract amount is more than 10% 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.

List of Subcontractors to be used.

Subcontractor	Work	Dollar Amount	\$ of Total
1.			
2.			
3.			

Jonesville Hand Thin and Pile: Unit 1
Attachment A.3: Bid form

Unit	Est. Acres	Treatment Methods	Cost per Acre	Total
1A	163	Hand Cut and Pile		
1B	72	Hand Cut and Pile		
1A & 1B	235	Fireline - 2 foot scrape around piles (OPTIONAL)		

Pay Items Description:

The bid price for these items shall include all equipment, plastic covering, manpower, mobilization, insurance, and bonding to complete the work described in the specifications.

Jonesville Hand Thin and Pile: Unit 1
Attachment A.4: Project Questionnaire

Please initial _____ if the 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:

List and describe three similar projects contractor has successfully completed (at least one should be on USFS lands), provide contact information for client:

1.

2.

3.

Jonesville Hand Thin and Pile: Unit 1
Attachment A.5: 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.**

Jonesville Hand Thin and Pile: Unit 1
Attachment B: Scope of Work

The following treatments are intended to improve forest health and prepare the landscape for recurring prescribed fire. Riparian Conservation Areas (RCAs) are flagged and piling specifications in RCAs must be met. Contractor will confine operations to within the boundaries represented to them on the ground – United States Forest Service (USFS) Boundary Markings prevail and no work shall be conducted outside of the boundaries. The contractor must utilize the Avenza-ready maps supplied. Final treatment acreage will be calculated by RCD staff using a GNSS receiver. Acres may be reduced based on previously unknown hydrology, archaeology, biology, rock outcroppings, prohibitively steep slopes, roads, unforeseen circumstances, and USFS Special Requests. The contractor will not be compensated for additional acres unless a change order is approved, or anything above the “Not to Exceed” price as stated in the contract. At least 90% of listed specifications must be met before an acre is considered complete.

Efforts have been made to flag all watercourses and wet areas within the project area, however, if a watercourse or wet area is encountered by the contractor that has not been flagged it should be communicated to the Project Manager or Project Manager’s Representative.

The project area is broken out into two units - 1A and 1B. Unit 1A partially overlaps with a goshawk Protected Activity Center (PAC) and is within a quarter mile of a California spotted owl PAC. Because of restrictions in and around the PAC, operations cannot occur in Unit 1A from February 15th - July 9th for goshawk PAC and March 1st – July 9th for spotted owl PAC. PAC restrictions may be lifted after a review by wildlife specialists determines that doing so will not affect nesting. Unit 1B is outside the PAC buffers and can be operated on throughout the year as conditions allow. Apart from the Limited Operating Period (LOP) in Unit 1A, the unit specifications are identical. Acreage can be found in Table 1 below.

Table 1: Bid Item and Description

Bid Item	Unit #	Description	Total in Task
Bid Item 1:	1A	Hand Cut and Pile	163 acres
Bid Item 2:	1B	Hand Cut and Pile	72 acres
Bid Item 3 (optional):	1A & 1B	Ring piles with a 2-foot scrape to bare mineral soil	235 acres

Bid Item 1 and 2: Hand Cut & Pile Specifications

1. Cut live and dead conifer trees less than 10 inches DBH and greater than or equal to 3 feet tall

- i. Cut all dead conifer trees within limits of safety.
- ii. Cut live conifer trees that are under or within 10 feet of the drip line of live conifer trees that are 10 inches DBH and larger. It is acceptable to cut conifer trees 10 inches DBH and larger when needed for safety.
- iii. In areas outside the 10 feet of the dripline of the larger trees, thin conifer trees to an average spacing of 20-feet by 20-feet. Spacing may vary up to 5 feet to retain the best available trees possible. Healthy trees may be left in clumps of 2 to 5 trees. "Healthy trees" are described in item vii below. When clumps of trees are retained, space clumps 20 feet from other clumps and individuals.
- iv. **Stumps:** flush cut low to the ground with a maximum 6 inch height or less.
- v. Buck material to **4-6 foot** lengths for piling.
- vi. **Retained tree species will be selected in the following order of preference:**
 1. Sugar pine
 2. Douglas-fir
 3. Ponderosa/Jeffrey pine
 4. Incense-cedar
 5. White fir
 6. Lodgepole pine
- vii. Always retain healthy pine trees (sugar, ponderosa, Jeffrey) that are free of disease and damage and have a live crown ratio of 40 percent or greater where they occur, regardless of size class.
- viii. Cut conifer trees that are suppressed or intermediate crown classes, that have excessive damage or disease, visible disease or insect infection, or have a live crown ratio less than 40 percent.
- ix. Limb all conifer trees 10 inches DBH and larger to 6 feet high from ground level.
- x. In instances where wildlife habitat features are observed (burrow, nest, food cache, etc) trees will be retained. If unsure, ask RCD Project Manager for clarification.
- xi. Do not cut hardwood trees in tree or shrub form, including but not limited to oak, dogwood, willow, alder, aspen, and cottonwood.
- xii. Do not damage remaining trees during thinning operations. Damage includes broken top, more than 30 percent of the live crown broken or removed, and bark removed from more than 25 percent of the tree bole circumference.

2. Woody Vegetation

- i. Cut and pile shrubs that are greater than or equal to one foot in height and are under or within 10 feet of the drip line of conifer trees 10" DBH and larger. Shrubs include manzanita, snowbrush, white thorn, deerbrush, bitterbrush, etc.
- ii. Do not cut hardwood trees in shrub form including oak, dogwood, willow, alder, aspen, cottonwood.
- iii. Retain 20 percent cover of shrubs where available.

- iv. All streambank stabilizing vegetation will be retained. Conifer trees shall be felled away from stream channels.

3. Downed Woody Material (2" - 10" diameter)

- i. Buck downed material to **4-6 ft** lengths and pile.
- ii. Do not pile existing downed material located within stream channels.

4. Pile Construction Standards

- i. Piles should be **compact**:
 - 1. Brush/small branches in bottom and center
 - 2. Larger logs/boles in middle and on top
 - 3. Align material **parallel** to create tighter piles and aid burning
- ii. Cover $\frac{3}{4}$ of each pile with 6 mil (6/1000 inch) thick plastic placed in the upper $\frac{1}{5}$ th of the pile. **Plastic must be sufficiently anchored** with slash or brush so that it will not blow off in high winds
 - 1. Plastic covering will be furnished by the contractor
- iii. Piles will be at least **5 feet wide x 5 feet length x 5 feet high**
- iv. Pile Locations:
 - 1. Piles will be built and positioned such that damage to residual trees is minimized.
 - 2. Build piles in openings where available.
 - 3. Do not build piles on stumps greater than 12 inches diameter or on down logs greater than 12 inches diameter or on shrubs.
 - 4. Do not build piles under or within 10 feet of the dripline of live trees 10 inches DBH and larger.
 - 5. Build piles at least 25 feet away from ephemeral streams. Ephemeral streams are included on maps provided for the project and have been flagged down the center of the channel.
 - 6. Intermittent streams, perennial streams, and wet areas are given an 82-foot buffer. These buffers are flagged. Material within the buffer should be cut and dragged out of the buffer to be piled. Some lop and scatter is allowable at the discretion of the Project Manager or Project Manager's designee when hauling is required across rough or steep terrain.
 - 7. Do not build piles within 25 feet of property lines.

5. Restrictions

- i. A Goshawk and Spotted Owl Protected Activity Center (PAC) are present in the project area. There will be a Limited Operating Period (LOP) in place for this unit as described on page 1. Additional details can be found in Attachment E - Mitigation Measures.
- ii. If a California spotted owl or American goshawk nest is discovered, a 500-foot radius buffer will be established around the nest and thinning specifications changed to an upper diameter limit of conifer trees less than 6 inches.

Bid Item 2 (Optional): Fireline (Piles)

1. A **2-foot wide** scrape down to bare mineral soil shall be built around **each pile**.

Definitions:

WOODY VEGETATION

Any plants with wood structure that remain low stature in the understory.

CROWN CLASS

The relative position and condition of tree crowns resulting from inter-tree competition for sunlight, water, and nutrients. The four most widely used crown classifications are described below.

Dominant - Trees receiving full sunlight from above and part from the sides regardless of the tree height

Codominant – Trees that receive full sunlight from above, but comparatively little from the sides.

Intermediate - trees that receive little direct sunlight from above through small holes in the canopy, but no light from the sides.

Suppressed - Trees with crowns entirely below the general level of dominant and codominant trees, receiving no direct light either from above or from the sides.

DRIPLINE

The area directly located under the outer circumference of the tree branches.

DOWN WOODY MATERIAL

Any piece(s) of dead woody material, including freshly cut material, dead boles, limbs and large root masses on the ground.

DBH

Diameter at Breast Height (4 ½ feet above the ground, measured on the uphill side).

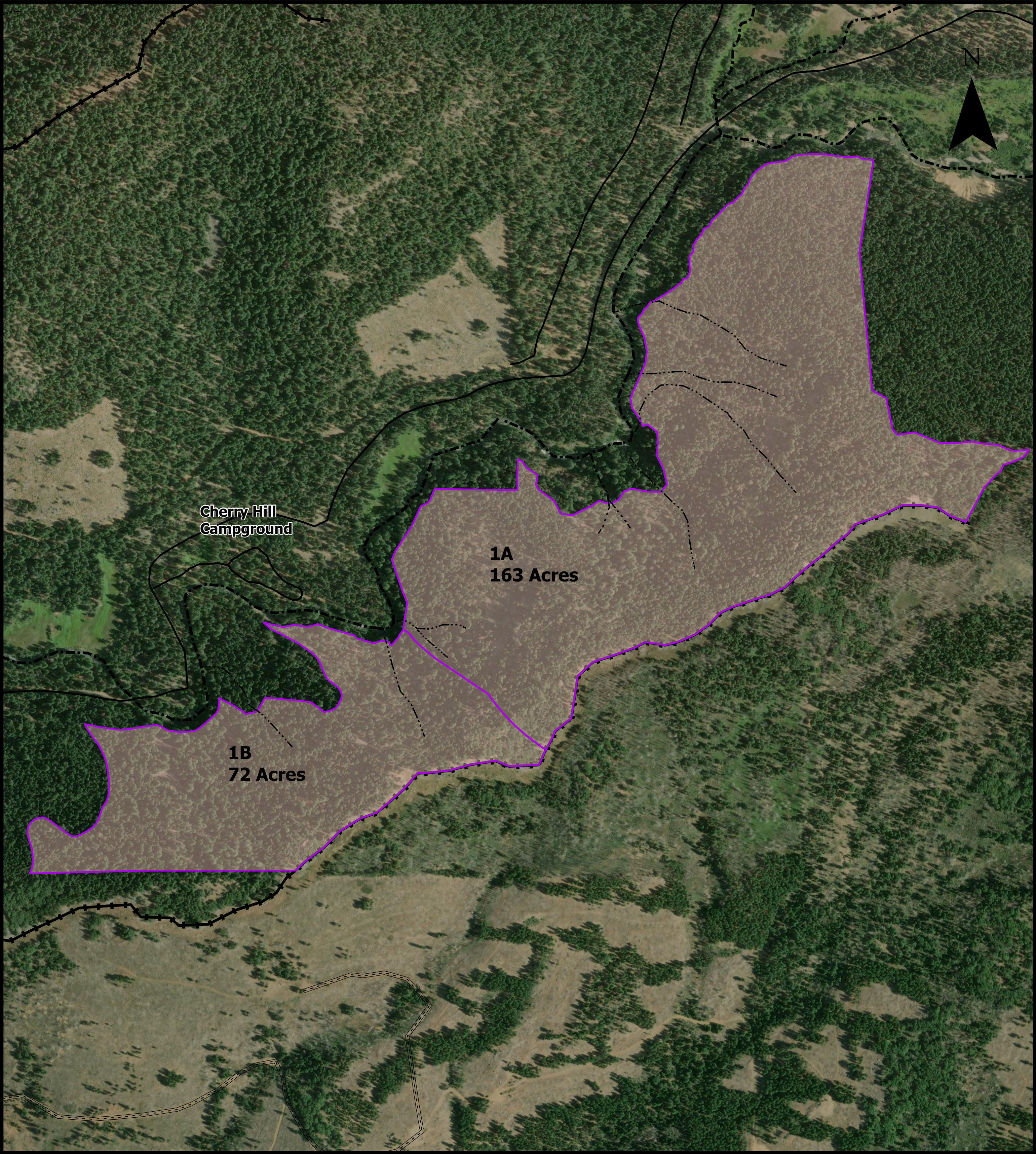
EFFECTIVE GROUND COVER

Any material on or near the soil surface that protects the soil against the erosive action of raindrops and overland flow (e.g., loose surface stones, duff, vegetative material, woody debris, leave trees, stumps, snags, down logs).

LIVE CROWN RATIO

The portion of the tree which is occupied by live healthy crown expressed as a percent of the total height of the tree (for example, a 30 percent live crown means that a 100-foot-tall tree has 30 feet of live crown.)

Jonesville Hand Thin and Pile
Lassen National Forest, Almanor Ranger District
Unit 1 Map



- | | | | |
|--------------------|---------------------------|------------------------------|------------|
| — Forest Roads | --- Dirt Road | --- Intermittent Watercourse | □ Cut_Pile |
| ++ UBC_Dozer_Lines | --- Ephemeral Watercourse | -.-.- Perennial Watercourse | |

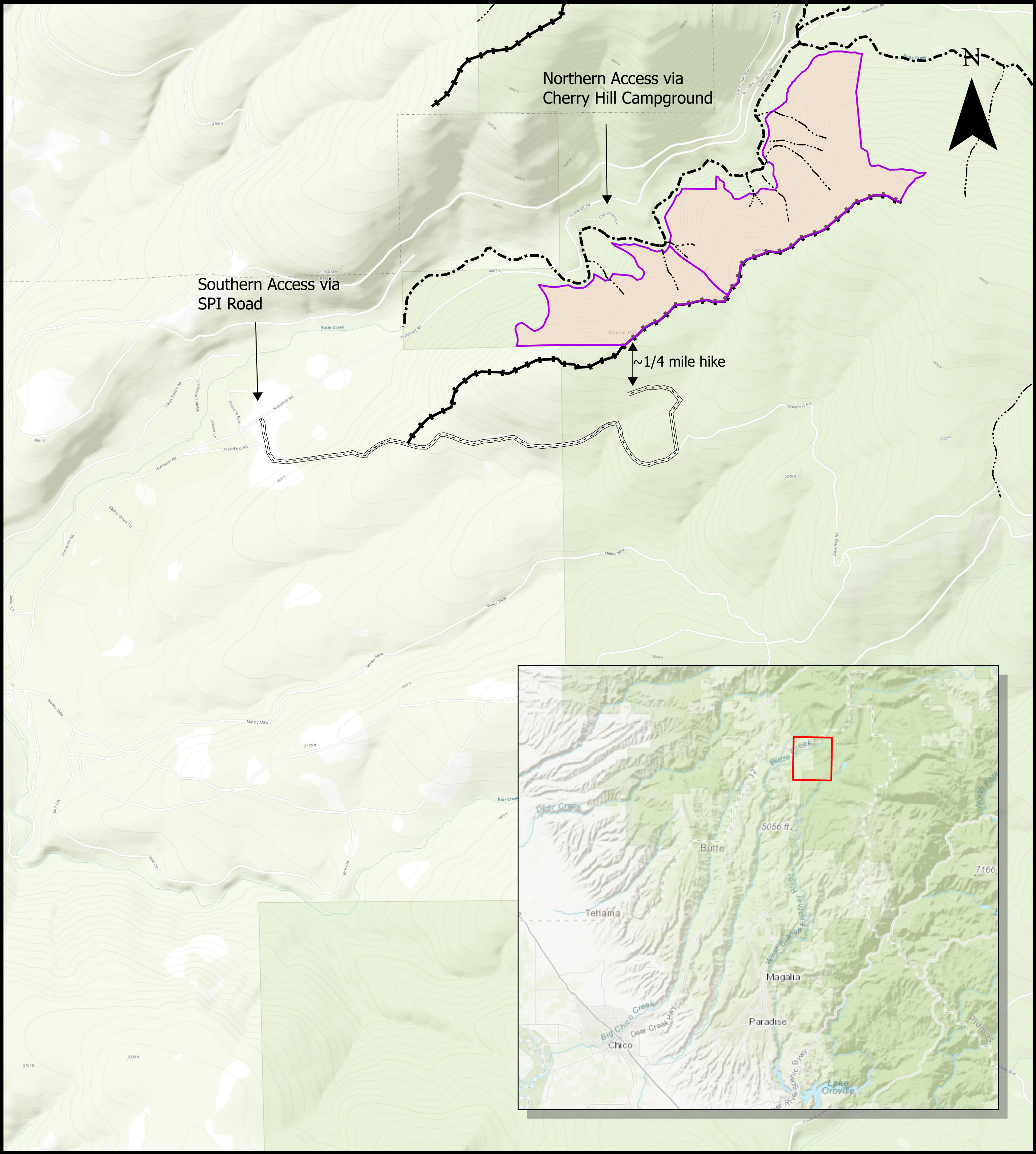
0 500 1,000 Feet

Unit 1A - Operations prohibited Feb. 15 - July 9
Unit 1B - Operations permitted throughout the
year as conditions allow

Jonesville Hand Thin and Pile

Lassen National Forest, Almanor Ranger District

Vicinity/Access



- UBC Dozer Lines
- Dirt Road
- Ephemeral Watercourse
- Intermittent Watercourse
- Perennial Watercourse
- Cut_Pile

0 1,000 2,000 Feet

FIRE PLAN FOR CONSTRUCTION AND SERVICE CONTRACTS

03/06/2013

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 contract area. The contract area is delineated by map in the contract. The provisions set forth below also specify conditions under which contract activities will be curtailed or shut down.

The project is located in Zone 4 - Almanor Ranger District. The contractor is responsible for obtaining the Project Activity Level (PAL) for each working day throughout the duration of the project. The PAL can be obtained by calling the following number: 530-257-9553.

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. Forest Service

The 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.

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.

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 appurturances 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	Susanville Interagency Fire Center	1491 5th Street Susanville, CA 96130	530-257-5575
Nearest FS Station	Butte Meadows	7288 Humboldt Road Forest Ranch, CA 95942	530-873-1397
Inspector	Ben Converse	641 Entler Ave. Unit 47 Chico, CA	530-720-0284

		95928	
District Ranger	Russell Nickerson	900 East Highway 36 Chester, CA 96020	530-816-0957

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:

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

- 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

Chester RAWS

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:

530-257-9553

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.
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.

Level	Project Activity Minimum Requirements and Restrictions. Restrictions at each level are cumulative.
Ev	- The following activities may operate all day: - Loading and hauling logs decked at approved landings. - Loading and hauling chips stockpiled at approved landings. - Servicing equipment at approved sites. - 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). - Chainsaw and log processing operations associated with loading logs or other forest products at approved landings. - Hot Saws or Masticators may operate until 1:00 PM; provided that: - A tractor with a blade or other equipment 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. - Any additional restrictions specified by the Forest. - All other conventional Mechanical Operations are permitted until 1:00 PM. - 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 attached Project Activity Level Variance Agreement).
E	The following activities may operate all day: - Loading and hauling logs decked at approved landings. - Loading and hauling chips stockpiled at approved landings. - Servicing Equipment at approved sites. - Dust abatement, road maintenance (chainsaw use prohibited) or loading stock piles and rock aggregate installation (does not include pit or quarry development). - 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.

Project Activity Level Climatology							
Fire Danger Rating Area/Weather Station					Years Analyzed		
	A	B	C	D	Ev	E	Days

Month	Expected Days per Month at Each PAL Value						Analyze d	
July								
August								
September								
October								

Region 5 Project Activity Level (PAL) Ev Variance Application/Agreement

Project Name: _____
Contract Number: _____
Contractor Name: _____
Request #__, for period: _____
Units/Subdivisions Affected: _____

Location of operation:	
Slope	
Aspect	
Elevation	
Fuels on site	
Fuels in surrounding area	
7 Day PAL Outlook	
Short range predictions (Red Flags)	
Fuel Moistures	
Response time of suppression resources	
Potential for ignition	
RAWS location	
Current Fire Situation:	
Draw down information	
National Readiness Level	
Contractual considerations:	
Normal Operating Season	
Frequency of recent contract fires in area	
Type of operation	
Contractors past/current performance & equipment readiness	
Other site specific mitigation or precaution (i.e. Contractors proposals)	
Social & Community Considerations:	
Proximity of high value resources	
Sensitivity of location	

Proposed Actions:

Description of Mitigation Measures:

Remarks:

Fire Management Officer Concurrence

Date

Line Officer Approval

Date

I have considered the above request and determined the specified mitigation measures or actions must be implemented to continue operations in Project Activity Level Ev. Unless extended, the approval remains in effect for ten (10) calendar days unless cancelled sooner or extended by the Forest Service for an additional ten (10) days. At the sole discretion of the Forest Service, this variance can be modified and/or cancelled at no cost to the government.

Contracting Officer

Date

Contractor Representative

Date

Jonesville Hand Thin and Pile: Unit 1
Attachment E: Mitigation Measures

The following annual limited operating periods (LOP) listed in **Table 1** shall apply for protection of wildlife species. No treatment shall occur during the limited operating period. The LOP may be lifted after a review determines that doing so will not affect nesting or denning.

Table 1. Wildlife limited operating periods

LOP (Species and Dates)	Operations Restricted	Units
California Spotted Owl March 1 - July 9	Unless agreed otherwise, all contractor operations are prohibited within LOP units. LOP is applied to a 0.25-mile buffer around active owl nests or around PACs where nesting activity or nest locations are not known. This LOP will be applied to units if an active nest or territorial pair is detected within 0.25 miles of units in future surveys	Unit 1A
American goshawk February 15 - July 9	Unless agreed otherwise, all contractor operations are prohibited within LOP units. LOP is applied to a 0.25-mile buffer around active goshawk nests or around PACs where nesting activity or nest locations are not known. This LOP will be applied in additional units if an active nest or territorial pair is detected within 0.25 miles of units in future surveys	Unit 1A
Gray wolf April 1 - July 15	If an active den or rendezvous site is located within one mile of the Contract area, a limited operating period (LOP) restricting all noise or smoke generating activities would be instated from April 1 through July 15 within one mile of the den or rendezvous site. Further discussions and coordination with California Department of Fish and Wildlife (CDFW) and the Forest Service may result in modified distances or dates for this specific conservation measure. In addition, if the den or rendezvous sites are clearly separated from project-generated disturbances by topographic features or terrain, seasonal restrictions may be adjusted or eliminated, as approved by the Forest Service. Dens that are known to be used in	No units currently under this LOP

LOP (Species and Dates)	Operations Restricted	Units
	consecutive years but not used in the current year may require a LOP if CDFW or the Forest Service determines it is necessary. If a den is discovered during Contractual operations, the LOP shall be implemented and coordination with CDFW and the Forest Service shall be pursued. This LOP will be applied to units if an active den or rendezvous site is detected within 1 mile of units in future surveys.	
Osprey March 1 - August 31	Unless agreed otherwise, all contractor operations are prohibited within LOP units. LOP is applied to a 0.25-mile buffer around active osprey nests. The area under LOP and the operations prohibited may be adjusted based on site-specific factors	No units currently under this LOP

1. Hydrology and Soils

- a. If any new stream course, meadow, wetland, spring or wet area is encountered during project implementation, the contractor must cease all activity in the affected unit and notify the Butte County Resource Conservation District (BCRCD) designated inspector. The new area will be assessed by resource specialists and treatment operations modified.
- b. If a new aquatic feature is found that is potential habitat for yellow-legged frogs, there will be no piling within 82 feet of the feature. Cut material and surface fuels will be piled outside the 82 feet or cut material will be lopped and scattered. If it is determined to not be potential yellow-legged frog habit, there will be no piling within 25 feet of the aquatic feature.
- c. The contractor shall not use Forest System, temporary roads or designated overland routes during wet or snow periods when the roads and routes are saturated, and the stability of the road prism cannot support trucks and other vehicles.

2. Botany

- a. There are no known occurrences of threatened, endangered or sensitive plant species within the treatment units. Any new occurrence of threatened, endangered, or sensitive (TES) plant species discovered before or during ground-disturbing activity will be protected through flag and avoid methods.
- b. No special interest plants in the treatment units need protection measures for hand thinning. If new occurrences of special interest plants are discovered before or during operations that need protection, the sites will be flagged and avoided.
- c. No invasive plants are within the treatment units. If new occurrences of invasive plants are discovered before or during operations, they will be evaluated by specialists, and work will be halted in the area until determinations are made.

3. Cultural Resources

- a. There are no heritage resources in the thinning units to protect.
- b. If unanticipated heritage resources are encountered during project activities, all work shall stop immediately in the vicinity of the find until an assessment of the situation is made by heritage resource specialists.
- c. If new sites need to be protected, the sites will be flagged with red and white stripe flagging and no thinning will occur within the flagged area. Hazard trees that need to be felled for safety and operability shall be felled away from sites.

4. Recreation

- a. The contractor may be allowed to camp in the Cherry Hill (Lassen National Forest) campground or on National Forest System lands under a permit signed by the Forest Service Line Officer. The Cherry Hill campground will be closed at the end of September or early October. Trash and restroom facilities will not be available at that time. A combination lock will be added to the Forest Service lock on the gate to the campground for the contractor to use after closure.
- b. Staging of project related equipment for any duration within developed National Forest recreation sites must be approved by the Forest Service Line Officer prior to use.

5. Protection of Improvements, Survey Monuments, Roads and Other

- a. The Contractor shall avoid any damage to improvements such as, but not limited to roads, trails, fences, gates, utility poles, power lines, pedestals, survey markers or monuments, and survey witness trees. Known survey markers are shown on the contract maps and survey markers and witness trees may be flagged prior to treatment. The contractor will be required to repair or pay fair market value to replace any damaged improvements.

- b. Forest Service roads and trails shall be signed and controlled as needed to alert the public to contractor's operations.
 - c. The contractor may use open or closed temporary roads to access portions of the Jonesville Hand Thin contract. Roads may be closed by Forest Order such as the event of a wildland fire.
 - d. Temporary roads may be blocked or signed to prevent entry by the public. Prior to blocking temporary roads, the contractor shall notify the Butte County RCD.
 - e. Currently there are no other contract operations within the Jonesville contract area. If new timber sale or service contract work begins operating in the contract area, the contractor shall not operate in or enter other contract units. The contractor shall not allow cut trees to fall into other contract units.
6. Sanitation and servicing of Oil Spills
- a. Contractor shall take all reasonable precautions to prevent pollution of air, soil, and water by the contractor's operations. If facilities for employees are established in the contract area, they shall be maintained in a sanitary manner. The Forest Service and BCRCDD shall approve the location, size and allowable uses of service and refueling areas. Contractor shall remove from National Forest System lands all refuse resulting from use, servicing, repair, or abandonment of equipment. If contractor's operations or servicing of equipment result in pollution to soil or water, contractor shall conduct cleanup to restore the polluted site to the satisfaction of the Forest Service and BCRCDD.
 - b. Before final acceptance, all areas occupied or used by the contractor in connection with the work shall be cleaned of all contractor's rubbish, excess materials, temporary structures, and equipment, and all parts of the work area shall be left in a neat and presentable condition. Contractor shall remove all material including, but not limited to, used engine oil, oil filters, oil cans, grease cartridges, rags, tires, camp refuse, bottles, plastics, etc. All material shall be taken to a California State approved disposal site.

7. Fire Plan

The Contractor shall adhere to the Fire Plan (Attachment D) and shall call the Project Activity Levels (PALS) phone number (530-257-9553) daily to get the current project activity level. Attachment D lists all required fire prevention measures, required firefighting equipment and specifications for operating machines and chainsaws within the scope of work.

Jonesville Hand Thin and Pile: Unit 1

Attachment F: Employment of Eligible Workers

- a) Labor standards for contracts involving H-2B workers or migrant and seasonal agricultural workers.

1. General

This contract is subject to the Migrant and Seasonal Agricultural Worker Protection Act (MSPA), 29 United States Code (U.S.C) 1801-1872, and to the U.S. Department of Labor (DOL) regulations implementing MSPA 29 Code of Federal Regulations (CFR) Part 500. MSPA eliminates activities detrimental to migrant and seasonal agricultural workers, requires registration of Farm Labor Contractors, and ensures necessary protection for the workers. Information regarding MSPA can be found at <http://www.dol.gov/whd/mspa/index.htm>.

If workers are hired under the H-2B program, (8 CFR Section 274A provisions of the Immigration and Nationality Act (INA) for the admission of nonimmigrants to the U.S. to perform temporary labor or services) a Temporary Employment Certification issued by the Office of Foreign Labor Certification (OFLC) in the Department of Labor Employment and Training Administration is required. For further information on the requirements of the H-2B program, visit OFLC's website at <http://www.foreignlaborcert.doleta.gov/> or Wage and Hour's website at <http://www.dol.gov/whd/immigration/H2BFinalRule/index.htm>.

Compliance with MSPA and the INA is a material condition of this contract. If the contractor employs any unauthorized worker(s) during the performance of this contract that violates section 274A of the INA, the District may terminate the contract, in addition to other remedies or penalties prescribed by law.

2. Definitions

- a) **H-2B worker:** as used in this part means a nonimmigrant holding a visa authorizing the individual to legally work in the US to perform temporary labor or services. A worker with an H-2B visa ("H-2B worker") may also be considered a migrant agricultural worker under MSPA depending on the type and nature of work performed.
- b) **Migrant Agricultural Worker and Seasonal Agricultural Worker:** as used in this part means individuals employed for agricultural (including forestry) work on a seasonal or temporary basis.
- i) A worker, moving from one seasonal activity to another, is employed on a seasonal basis even though the worker may continue to be employed during a major portion of the year.
 - ii) An overnight absence from the migrant workers permanent place of residence is required.
 - iii) Members of the contractor's immediate family are not considered migrant or seasonal workers. Immediate family includes:
 - Spouse
 - Children, stepchildren, or foster children

- Parents, stepparents, or foster parents, or
- Brothers and sisters

- c) **Farm Labor Contractor (FLC).** As used in this part means a person including an individual, partnership, association, joint stock company or a corporation, who, for any money or other valuable consideration, paid or promised to be paid, performs any recruiting, soliciting, hiring, employing, furnishing, or transporting of any migrant or seasonal agricultural worker.

3. Registration Requirements

- a) Any contractor providing or hiring H-2B nonimmigrants for work under this contract shall provide a copy of their Temporary Employment Certificate. General information about the H-2B program can be found on Fact Sheet # 78 at <http://www.dol.gov/whd/regs/compliance/whdfs78.htm>. Contractors can apply for the certificate through the US DOL Employment & Training Administration's on line iCERT Visa Portal System at <https://icert.doleta.gov/> or by paper application.
- b) Any contractor who meets the definition in (2.iii.) above providing or hiring migrant or seasonal workers to perform agricultural or manual forestry work shall first obtain a Federal DOL Farm Labor Contractor Certificate of Registration (http://www.dol.gov/whd/forms/fts_wh530.htm). The contractor shall carry the certificate at all times while engaged in contract performance and shall display it upon request. Any of the contractor's employees who perform any one or more of the activities defined as an FLC in paragraph (2.iii.) must have their own FLC Employee Certificate. General information about MSPA can be found on Fact Sheet #49 at DOL Wage and Hour Divisions webpage <http://www.dol.gov/whd/regs/compliance/whdfs49.htm>.

4. Certifications

The Contractor shall provide applicable H-2B Temporary Employment Certificate or Farm Labor Contractor Certificate as part of their representations, certifications, and acknowledgements. Subcontractor(s) meeting the definitions above shall follow the same requirements as the Prime Contractor. It is the Prime Contractor's responsibility to ensure the Subcontractor's information is provided to the Project Manager.

5. Worker Protections

- a) Worker Information Posters
- i. A contractor who uses the H-2B program to meet its temporary employment needs must post and maintain the H-2B poster (WH-1505) in a conspicuous location accessible to workers at the job site.

ii. The contractor shall display and maintain the MSPA poster (WH-1376) on the job site in a conspicuous location accessible to workers during the contract performance period.

b) Personal protective equipment

i. 29 CFR 1910 Subpart I, OSHA's General Industry personal protective equipment (PPE) standard contains the general requirements for the provision of personal protective equipment and requires employers to perform a hazard assessment to select appropriate PPE for hazards that are present or likely to be present in the workplace. OSHA requires that many categories of personal protective equipment meet or be equivalent to standards developed by the American National Standards Institute (ANSI).

ii. Before a worker begins operating equipment, the contractor shall train the workers on the safe operation and use of the equipment.

iii. The contractor shall provide the appropriate personal protective equipment for the work required to be performed in the contract, wherever necessary by reason of hazards or processes encountered that may cause injury or impairment in the function of any part of the body. Except for foot protection, all PPE must be provided by the employer at no cost to the employee. Includes:

- Head Protection
- Hearing Protection
- Eye/Face Protection
- Leg Protection
- Foot Protection
- Hand Protection

iv. PPE must be sanitary and in reliable condition. Do not use defective or damaged PPE. PPE must be inspected prior to use on each work shift to ensure it is in serviceable condition.

v. A checklist of applicable PPE guidelines typical for the work performed under this contract is provided. This does not relieve the contractor of the responsibility of performing a risk assessment or providing the necessary PPE for their operations.

Reference

<https://www.osha.gov/SLTC/personalprotectiveequipment/index.html> or OSHA 3151-12R 2003 Personnel Protective Equipment Booklet.

- MSPA – Forestry Working Conditions Checklist
- Manual Logging activities:
https://www.osha.gov/SLTC/etools/logging/manual/logger/personal_equip.html
- General Machine and Vehicles Logging activities:
<https://www.osha.gov/SLTC/etools/logging/mechanical/machines.html>

- c) **Field Sanitation.** OSHA established minimum standards for field sanitation in covered agricultural settings. Refer to Fact Sheet # 51 Field Sanitation Standards under the Occupational Safety and Health Act.

6. **Employment Requirements** - Fact Sheets with relevant information may be found at <http://www.dol.gov/WHD/fact-sheets-index.htm>.

- Contractors employing workers in forestry related work are required to comply with wage and payroll standards and recordkeeping requirements. Refer to Fact Sheet #63: Application of Federal Labor Laws to Reforestation found on the DOL Wage and Hour Division webpage.
- Contractor Employee List.** Contractors are required to provide/maintain an active list of all employees performing work on the job site under this contract. The Employee List will identify employees by full name (aliases), supervisory duties if applicable, and appropriate labor Occupation Code for work performed under the Service Contract Act Wage Rates applicable to this contract. If Subcontractors are utilized, all tiers of subcontractor(s) are responsible for providing the same information for their employees to the Prime for submittal to the Project Manager.
- Contractor awarded bid items must certify, in writing, that all employees working on the Concow Resilience Project have been “E-Verified” to legally work in the United States. Please refer to the website <https://www.e-verify.gov/>

7. Transportation

- The contractor shall be registered to transport employees, unless employees provide their own transportation or carpool by their own arrangement in one of their own vehicles. Authorization for each vehicle that will be used to transport employees must appear on the contractor's certificate. If the contractor directs or requests employees to carpool, the registration requirement is applicable.

Any driver, who transports workers for a fee or at the direction of the contractor, shall be registered as an FLC or an FLC employee.

- b) See Fact Sheet #50: Transportation Under MSPA, for more information about the vehicle safety standards, driver's licensing requirements, and vehicle insurance requirements. Note that separate transportation requirements may apply if there are H-2B workers.

8. Housing

- a) The authorization to furnish housing, other than commercial lodging certified by a health authority or other appropriate agency, must appear on the contractor's certificate. Contractors should contact their local Wage and Hour Division of the DOL for further information on the requirements of the Act.
- b) **Camping Requirements.** The Forest Service (FS) has various camping opportunities. Check with local FS unit for camping requirements, camping permits may be required. Verify local fire restriction policies. If camps will be used to house workers subject to MSPA, they are also subject to the temporary labor camp standards at 29 CFR 1910.142. The Forest Service reserves the right to terminate a camping permit at any time. These requirements are in addition to those contained in or provided for under the clause titled "452.236-72 Use of Premises" in this contract. Any violation of these conditions constitutes a breach of contract and may result in revocation of camping approval.
 - i) Every structure used as shelter must provide protection from the elements. Where adequate heat is not provided, make other arrangements to protect workers from the cold. Cut firewood only after a District Firewood Permit is obtained.
 - ii) The campsite must not encroach beyond the boundaries designated by the Forest Service. The campsite location must minimize impacts on streams, lakes, and other bodies of water. Camping is not permitted within developed recreational sites or along primary recreational roads.
 - iii) The campsite must have a clean appearance at all times. Upon abandonment of any campsite, or termination, revocation, or cancellation of camping privileges, the contractor shall remove, within 10 calendar days, all structures and improvements except those owned by the United States, and shall restore the site, unless otherwise agreed upon in writing or in the camping permit. Structures or improvements the contractor fails to remove within the 10 calendar day period becomes the property of the United States, however, the contractor remains liable for the cost of the removal and restoration of the site.
 - iv) Unless otherwise designated by the CO, the use of the area is not exclusive and may be granted to other permittees, contractors, or recreating public. Disorderly conduct is not permitted.
 - v) Damaging or removing any natural feature or other property of the Forest Service is prohibited.

- vi) Servicing of equipment in the campsite is not permissible unless the campsite is within the project area.
- vii) Provide sanitary facilities for storing food. Provide ice chests or coolers, with ice supply made from potable water, and replenish as necessary. Provide sufficient storage for perishable food items.
- viii) Provide an adequate and convenient potable water supply in each camp for drinking and cooking purposes.
- ix) Provide adequate toilet facilities and toilet paper for the capacity of the camp. Service and maintain facilities in a sanitary condition.
- x) Collect, store, and dispose of garbage in a manner to discourage rodent access, minimize attraction of flies, and prevent scattering by wind.
- xi) Maintain basic first aid supplies available, which must be under the charge of a person trained to administer first aid.

The basic supplies must include:

- Gauze pads (at least 4x4 inches)
 - Two large gauze pads (at least 8x10 inches)
 - Box adhesive bandages (band-aids)
 - One package of gauze roller bandage (at least 2-inches in width)
 - Two triangular bandages
 - Scissors
 - At least one blanket
 - Tweezers
 - Adhesive tape
 - Latex gloves, and
 - Resuscitation device such as a resuscitation bag, airway, or pocket mask.
- xii) Wash laundry in such a way that washing and rinsing will not pollute lakes, streams, or other flowing water.
- xiii) Dispose waste water away from living and eating areas and in such a way that minimizes pollution to lakes, streams, and other flowing water.
- xiv) The contractor shall take all reasonable precautions to prevent and suppress forest fires. Do not dispose of material by burning in open fires during the closed season established by law or regulation without the written permission from the Forest Service.
- xv) If authorized to have an open fire, the Contractor shall comply with the following fire regulations:
 - A shovel, axe or Pulaski, a 10-quart pail, which is full of water for immediate use, and a fire extinguisher with an Underwriters Laboratory (UL) rating of at least 1:A 10:BC is required.

- All fire rings or outside fireplaces must be approved by the Forest Service representative. The area must be cleared down to mineral soil for a distance of one foot outside of the ring or fireplace, and it must not have any overhanging material. Fire rings must be dismantled and material disposed prior to leaving the site.
- All generators and other internal combustion engines must be equipped with Forest Service approved spark arrestors and/or factory designed muffler and exhaust system in good working order. They will be located in a cleared area with the same requirements as in described in the previous paragraph.
- All fuel must be stored in UL approved flammable storage containers and be located at least 50 feet from any open flame or other source of ignition.

- c) Include the instructions below, Representations, certifications, and other statements of offerors or respondents. Contractors are required to provide certification of employment status as part of their representations, certifications, and acknowledgements.