Dunsmuir Right of Way Fuel Break Project
BID PACKET
July 31, 2020

Project Summary

The SVRCD has been awarded funding through the California Climate Investments Fire Prevention grant program to implement fuel reduction projects in critical areas throughout the State. The Dunsmuir fuel break is designed to create a more fire safe condition along Caltrans Right of Way lands adjacent to Interstate 5. The project will entail the use of hand crews or machinery where accessible to thin trees less than 10 inches DBH, remove all snags, prune all residual trees to a height of 8 feet, remove all brush and vines and existing ground fuels between 2” and 6” in diameter. All vegetation removed will be chipped and broadcast back into the treatment area. Unchippable material will be piled for burning. Herbicides will be applied to the vegetative regrowth to control sprouting.

The project is located within the City of Dunsmuir and is designed in conjunction with CAL FIRE and the Dunsmuir Fire Department to help protect residents in the event of a wildfire starting within the interstate corridor. The contractor will be working adjacent to Interstate 5 and there are power and communication lines running through or next to the project area so care must be taken to assure safe working conditions for the crews. The project is also adjacent to many private residences so the contractor will need to be respectful of the fact that they are working in a residential neighborhood. The City of Dunsmuir and the Fire Department will help inform the community of the planned operations.

Implementation must not begin before receiving the Notice to Proceed.

This Project is funded by CAL FIRE and the Fire Prevention Program Grants

South Dunsmuir Fuel Break is part of California Climate Investments, a statewide program that puts billions of Cap-and-Trade dollars to work reducing GHG emissions, strengthening the economy, and improving public health and the environment—particularly in disadvantaged communities. The Cap-and-Trade program also creates a financial incentive for industries to invest in clean technologies and develop innovative ways to reduce pollution. California Climate Investments projects include affordable housing, renewable energy, public transportation, zero-emission vehicles, environmental restoration, more sustainable agriculture, recycling, and much more. At least 35 percent of these investments are located within and benefiting residents of disadvantaged communities, low-income communities, and low-income households across California. For more information, visit the California Climate Investments website at: www.caclimateinvestments.ca.gov.

Contractor’s Obligations

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

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

**Bid Submission Requirements**

**Submission of Bids:**

Contractor should mail or hand deliver their sealed bid to the address listed below by **2pm on September 8, 2020.** Only hard copies will be accepted.

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

The envelope shall be plainly marked in the upper left-hand corner with the name and address of the bidder and shall bear the words “Bid for the Dunsmuir ROW Fuel Break Project”.

**Critical Dates**

**Pre-bid Site Visit**

Contractor is required to attend a pre-bid site field visit on **August 20, 2020 at 9:00 am.** Contractors are expected to meet with Shasta Valley RCD staff in the parking area next to Manfredi’s Valero gas station (6920 Dunsmuir Ave, Dunsmuir, CA 96025). **NOTE:** Sites are located on steep brushy ground adjacent to Interstate 5. Access to the sites during the tour will be limited to areas accessible from city streets.

**Questions Regarding the Bid Packet**

Contractors may ask questions at the pre-bid tour or submit questions by email to dblessing@svrcd.org before **5:00 pm on August 25, 2020.** All pertinent questions will be answered and shared by e-mail with all other Contractors interested in bidding on the project by **August 28, 2020.** Contractor understands and agrees that it has a duty to inquire about and clarify any Bid Packet questions that the Contractor does not fully understand or believes may be interpreted in more than one way. The SVRCD, however, is not required to answer questions that are not pertinent to the Bid Packet or are considered to be proprietary information. The contact information is as follows:

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

**Bid Due Date**

Bids shall be received by the SVRCD on or before **September 8, 2020 at 2:00 pm** at the SVRCD address listed above. Late submissions will not be accepted.

**Contract Dates**

Shasta Valley Resource Conservation District *215 Executive Court, Suite A, Yreka, CA 96097 *(530) 572.3120
The Contractor shall not begin operations until the Notice to Proceed is issued and the City of Dunsmuir has contacted the community concerning work commencement. All work shall be completed by July 31, 2022.

**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.

**Labor Compliance**

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

**Project Specifications**

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

The Dunsmuir fuel break is designed to create a more fire safe condition along Caltrans lands next to Interstate 5. The project will entail the use of hand crews or mechanical equipment where feasible to thin trees less than 10 inches DBH, remove all snags, prune all residual trees to a height of 8 feet, remove all brush species and existing ground fuels between 2” and 6” in diameter. All vegetation removed will be chipped and broadcast back into the treatment area. Herbicides will be applied to the vegetative regrowth to control sprouting. The SVRCD will work with utilities, Caltrans, and the City to drop lines and fences and remove obstacles to felling operations as much as possible. However, there may be situations where the contractor may need to climb trees to take them down without damaging infrastructure. The contractor will be responsible to hire a tree climber to remove this vegetation.

**Cutting specifications:**

- Leave tree spacing 15’ to 20’ (bole spacing)
- Retain the largest and healthiest trees in the stand
- Cut green trees <10” DBH*
- Cut all dead trees (snags)
- Cut all brush, vines, and herbs (not grasses)
- Species leave preference Douglas fir, sugar pine, ponderosa pine, incense cedar, black oak
- Prune leave trees to 8’ from ground height including all branch, needle and leaf material that droops below 8’
- Berry vines, small brush and trees, and herbaceous material needs to be cut by brush cutter or similar tool
- Remove existing ground fuels between 2” and 6” in diameter and chip
- Cut all stumps to less than 4 inches from the ground height

**Chipping specifications:**

- Chip or remove all cut material regardless of size and existing ground fuels between 2” and 6” in diameter
- Spread chips out in unit avoiding chip depth of more than 8”
- Do not spread chips onto private property, roads, or piled along fence lines
- Any vegetation that is felled outside of project area will be carried back into the unit for disposal or removed from site
• Unchippable material such as berry vines or herbaceous material will be piled for burning or removed from site. These piles will be located within the treatment areas and no larger than 6’ x 6’. The piles will be lined with 2’ handline to mineral soil.
• Bole wood may be removed for firewood

Safety:
• Work is to be done around power lines, communication cables, and fencing so care must be taken to protect all infrastructure and keep crews safe
• Access is poor from city streets in many areas so contractor may need access from the highway. In that case the contractor will need to hire a licensed traffic control contractor while working near or on the freeway shoulder or moving crews or machinery to the units via the freeway.

Work progress:
• While working around power or communications lines or near Caltrans fencing, care will be taken not to damage or destroy the infrastructure. It is possible to lower lines or fences in some places to facilitate work, but work must proceed quickly so that power, communications, and safety fences can be restored as soon as possible.
• The contractor may need on occasion to climb trees to take them down without damaging infrastructure. The contractor will be responsible to hire a tree climber to remove this vegetation.

Herbicide treatment:
• Use recommendations written by a California Licensed Pesticide Control Advisor to spray cut vegetation one growing season after cutting to control sprouting
• The treatments should be designed to kill or greatly reduce the viability of the species to be controlled in order to maintain the fuel break for a longer period of time
• Treatments should be designed maximum effectiveness while having little or no effect on retained trees or adjacent vegetation on private lands

*D.B.H = Diameter at Breast Height or 4’6”

Payment Schedule
Contractor will be paid for expenses based on the invoices submitted 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 the SVRCD’s billing schedule.

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

Bid Details
This contract will not be awarded based solely on the lowest bid. This project requires experience and references as described in the Additional Information section under the subheading References & Required Experience (p. 7). Bidders will be evaluated using the Construction Services 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:

- Thinning and brush removal
- Chipping
- Traffic control
- Herbicide treatment of sprouted vegetation after one season of growth

**Quantity Variations**

Where the quantity of work shown for an item in the project plans or outlined in this Bid Packet, including any modification thereof, is estimated, no adjustment of the contract price nor of the performance time shall be made for over-runs or under-runs which are within 15 percent of the estimated quantity of any such item. For overruns of more than 15 percent, the SVRCD shall re-estimate the quantity for the item, establish an equitable contract price for the over-run of more than 15 percent (using the bid schedule included on p. 12), adjust contract performance time, and modify the contract in form of a written change order to be approved and signed by CONTRACTOR and the SVRCD. For under-runs of more than 15 percent, the SVRCD shall determine the quantity for the item, establish an equitable contract price therefore (using bid schedule included on p. 12), adjust contract performance time, and modify the contract in the form of a written change order to be approved and signed by CONTRACTOR and the SVRCD.

**Additional Information**

**Site Locations:** The Project will be implemented on Caltrans right of way lands on the east side of Interstate 5 within the City of Dunsmuir. The project area is 22.6 acres in size.

**Directions to the Project location:** The project area is located on the east side of Interstate 5 within the City of Dunsmuir. The lands can be accessed by various city streets. See attached map for details.

**Presence of Open Water:** All California State rules and regulations will be followed during application of herbicides near streams or springs within the project area.

**Implementation Activities:** Work cannot proceed at a given site until contractor, landowner, and SVRCD project manager coordinate an agreed upon work window to allow utilities time to schedule potential power or communication outages.

**Access:** The Contractor will work with the project manager or representative to obtain access into the treatment area for crews and machinery. Please denote size, weight, and model of chipper and a work plan for accessing sites with poor access (See Bid Form Attachment No. 6: Work Plan Description for Site Access). The contractor will work to minimize soil disturbance from tracked chipper by limiting access to milder slopes where possible and avoiding side slope travel.

**Distribution of chipped material:** The contractor is responsible for distributing chips evenly within the Project area, and returning any other area disturbed from project related activities back to existing conditions or better.

**Licensed in the State of California:** All Contractors must be licensed in the State of California in the category of work to be performed on this project.
**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 fuel break construction and herbicide treatment. Contractor will provide proof of completion and references three (3) 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.

**Bonding:** Each bid must be submitted on the Bid Form and accompanied by Bid Security in the form of a certified cashier’s check or a corporate bid bond, payable to the SVRCD, in the amount of five percent (5%) of the bid. A performance and payment bond equal to a 100% of the contract price must also be submitted.

**Insurance:** The successful bidder will be required to provide SVRCD with proof of insurance that meets the requirements set forth in the contract.

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

**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. Acreage was determined by Geographic Information System (GIS), and will be flagged in the field where necessary to accurately represent those boundaries.

**Rework and Re-inspection after Rework:** If inspection results are below 90% and excess trees constitute a part of the deficiency, payment may not be made until the excess tree 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 city streets or State highways, 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.

**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 along with all California requirements.
for forestry work. 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: Site Location Map
- Exhibit B: Fire Plan
Appendix I
BID FORM ATTACHMENT NO. 1: Contractor Information

Bid Due Date: September 8, 2020 at 2:00 pm

General Information:

Company Name: 

Company Address: 

Contact Name: 

Phone: 
Fax: 

Email: 

Federal ID or SSN #: 

Years in Business: 

CA Contractor License #: 

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

1. (CONTACT NAME) ___________________________ (PHONE) ___________________
   (BUSINESS NAME) ___________________________

2. (CONTACT NAME) ___________________________ (PHONE) ___________________
   (BUSINESS NAME) ___________________________

3. (CONTACT NAME) ___________________________ (PHONE) ___________________
   (BUSINESS NAME) ___________________________
**Bid Validity** Please specify the length of time this bid is valid for (must be a minimum of 30 days).

_____________________________________

**Bid Information**

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

______________________________________________________________________________

(dollars)

______________________________________________________________________________

(in numerals)

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

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

Contractor  
Signature _____________________________________________________________________

Additional bid Information: Please provide detailed information as outlined in the bid schedule below. Costs shown above should include all materials, labor, taxes, overheads, and profit, which must also be included in following schedule.
BID FORM ATTACHMENT NO. 2: PROPOSED SUBCONTRACTORS

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

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

1. Subcontractors, listing each subcontractor whose subcontract amount is more than 10 percent of the Contract price with whom the bidder, if awarded the Contract, will subcontract for performance.

2. The categories of work those subcontractors will perform on the Contract.

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

A. List of Subcontractors to be used

<table>
<thead>
<tr>
<th>Subcontractor</th>
<th>Work</th>
<th>Dollar Amount</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

BID FORM ATTACHMENT NO. 3: Bid Schedule

<table>
<thead>
<tr>
<th>Task No.</th>
<th>DESCRIPTION (confirm based on plans and specifications)</th>
<th>QTY.</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Thinning and brush removal</td>
<td>22.6</td>
<td>ac</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.0</td>
<td>Chipping of slash</td>
<td>22.6</td>
<td>ac</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td>Traffic control</td>
<td>1</td>
<td>LS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.0</td>
<td>Herbicide treatment</td>
<td>22.6</td>
<td>ac</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Bid Cost:

Units: LS = Lump sum; ac = acre

Subunits (see map)

<table>
<thead>
<tr>
<th>Subunit number</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.8</td>
</tr>
<tr>
<td>2</td>
<td>2.5</td>
</tr>
<tr>
<td>3</td>
<td>5.4</td>
</tr>
<tr>
<td>4</td>
<td>6.8</td>
</tr>
<tr>
<td>5</td>
<td>6.1</td>
</tr>
<tr>
<td>Total acres</td>
<td>22.6</td>
</tr>
</tbody>
</table>
Pay items Description:

1.0 Thinning and brush removal
   The bid price for this item shall include all equipment, manpower, mobilization, insurance, and bonding to complete the work described in the specifications.

   The measurement for this item was completed pre bid by GPS. Payment will be made at the per acre price for each subunit as indicated on the bid schedule according to invoiced request.

2.0 Chipping of slash
   The bid price for this item shall include all labor and equipment to chip all slash as described in the specification; provide fire protection as needed or required by permits and CalFire. Unchippable slash such as vines will be piled for burning.

   The measurement for this item was completed pre bid by GPS. Payment will be made at the per acre price for each subunit as indicated on the bid schedule according to invoiced request.

3.0 Traffic control
   The bid price for this item shall include all labor and equipment to control traffic when accessing the project area from Interstate 5 as required by State Law.

   No measurement will be made for this item. Payment will be made at the lump sum price as indicated on the bid schedule.

4.0 Herbicide treatment
   The bid price for this item shall include all labor, equipment, and materials to apply herbicides as prescribed by a California Licensed Pesticide Control Advisor on cut vegetation one growing season after cutting to control sprouting.

   The measurement for this item was completed pre bid by GPS. Payment will be made at the per acre price for each subunit as indicated on the bid schedule according to invoiced request.
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.

Please fill in the Contractor’s project schedule below:

SVRCD Schedule
- Bid Packet: July 31, 2020
- Pre-bid On-Site Meeting: August 20, 2020; 9:00 am
- Question Deadline: August 25, 2020; 5:00 pm
- Answers provided to contractor from SVRCD: August 28, 2020
- Bids Due and Opened: September 8, 2020; 2:00 pm
- Bidder Selected and Awarded: By September 9, 2020
- Contracting and NTP complete: By September 30, 2020
- Project Complete: By July 31, 2022

Contractor’s Schedule (please write dates in space provided after each milestone **)

**Mobilize by:

**Thinning and brush removal completed by:

**Chipping and slash disposal completed by:

**Herbicide treatment completed by:

**Final Invoice to RCD by:

Please Initial _____ if Contractor understands that the above schedule is binding and will be used to determine contractor’s suitability for the project, as well as evaluating contractor performance.
BID FORM ATTACHMENT NO. 5: Contractor Bid Scoring Sheet to be completed by SVRCD.
(Contractor does NOT fill out)

<table>
<thead>
<tr>
<th>Contract Bid Scoring Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Source:</td>
</tr>
<tr>
<td>Project Title:</td>
</tr>
<tr>
<td>Bidder/Contractor:</td>
</tr>
<tr>
<td>Lump Sum Bid Amount:</td>
</tr>
<tr>
<td>Where does this Bid rank?</td>
</tr>
<tr>
<td>Contractor's License necessary to perform project:</td>
</tr>
<tr>
<td>Experience with similar projects (based on References and/or RCD experience with Contractor and/or what is listed as experience):</td>
</tr>
<tr>
<td>Exhibits an understanding of project through experience or has provided a sufficient workplan:</td>
</tr>
</tbody>
</table>

**Following requirements will be evaluated on the following scoring criteria:**

<table>
<thead>
<tr>
<th>Scoring Criteria:</th>
<th>5 = Excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 = Adequate</td>
</tr>
<tr>
<td></td>
<td>0 = Inadequate (cause for rejection of bid)</td>
</tr>
</tbody>
</table>

Guarantee on Services:

Labor Compliance Experience (direct experience or hired):

Ability to implement project within stipulated timeframe:

Labor force to perform work:

Proposal for completing tasks
**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.
Appendix II
Exhibit B

FIRE PLAN FOR CONSTRUCTION AND SERVICE CONTRACTS

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.

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.

3. **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.**

   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. 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.

   B. **Fire Extinguishers:** Contractor shall equip each internal combustion chipper with a fire extinguisher for oil and grease fires (4-A:60-B:C).

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

   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 as shown in the. National Wildfire 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.

4. **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. **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. 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.

   C. **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.

   F. **Reporting Fires:** As soon as feasible but no later than 15 minutes after initial discovery, Contractor shall notify 911 emergency services of any fires on Contract Area or along roads used by Contractor. Contractor's employees shall report all fires as soon as possible.

   **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.