1. General Project Description

The Mendocino County Fire Safe Council (MCFSC), which is a non-profit operating under the fiscal sponsorship of the Mendocino County Resource Conservation District (MCRCD), has received a grant to assist with fire fuels reduction in Hopland. This project involves roadside clearing and community chipper days. Roadside clearing is the cutting and chipping of small trees, lower limbs, and brush to remove roadside vegetation, reduce ladder fuels, and improve ingress/egress safety for communities. Community chipper days involve chipping assembled branches and brush (cut and piled by volunteers) along public and private roadways. Landowners have the option to keep chips onsite or have them removed. Both projects require encroachment permits and traffic control during collection, chipping, removal and/or dispersal of project generated slash.

2. Roadside clearing

Roadside clearing will occur in specific areas along McNab Ranch Road (0.61 miles), Valley View Road (0.59 miles), and two sections of Feliz Creek Road (0.08, and 0.65 miles) as shown in Figure 1. Several “Before” pictures are included in Appendices A and B. Expectations are that lower tree limbs, small trees, brush and other ladder fuels are cut back and up from the roadside to increase the effectiveness of the road to act as a fire break and access road for safer ingress of emergency vehicles and egress for residents. Standard methods of removal can include mastication, chippers, chainsaws, mowers, hand trimmers and weedwackers. A small portion of chipped biomass may be scattered on site if it would not significantly add to the fuel load in that area, otherwise, it will be removed.

Treatment shall take place out to 10-15 feet from the pavement edge and limbing shall be at least fifteen (15) vertically above the road. Stumps shall be cut as close to the ground as possible and no greater than 12 inches from the uphill side of the stump. The quality of work should be
professional and equal to that required by encroachment or utility permit specifications. Arboricultural standards and procedures will be followed. Project generated slash may be chipped or hauled away. Chips may be spread over the ground in forested areas or other designated locations. Remove all chips in roadside ditches to prevent clogging ditch-relief culverts. There are locations where chips should be hauled away to a green-waste recycling center for fire safety or drainage reasons. Mechanical removal operations have potential to start fires in dry conditions. Keep a source of water and fire suppression tools nearby. “Before”, “During” and “After” pictures are required by the grant and will be taken by neighborhood volunteers.

3. Chipper Days

The project includes landowners’ voluntary involvement in “Chipper Days” along 5.75 miles of Feliz Creek Road identified in Figure 1. A Chipper Day is when landowners cut brush, limbs, and other ladder fuels from their own property and place them by the roadway on a specific day when a certified contracting crew comes by to chip and remove the debris. Contractors move from pile to pile, chipping the pre-stacked material. Some landowners may request for the chips to be left on the property, but unlike the requirement for roadside clearing, it is not the responsibility of the contractor to disperse the chips. The MCFSC will hold a neighborhood informational meeting to educate residents on how to properly prepare for and participate in the Chipper Days.

4. Proposed Schedule

Community Meeting 1: Saturday, October 19th 10:00am, Hopland Fire Station
Road Clearing: October 21 – October 31
Community Meeting 2: Wednesday, October 30th, 5:30pm, Hopland Fire Station
4 Chipper Days: Fri/Sat Nov 1 and 2, Nov 8 and 9, Rain Dates*: Nov 15 and 16

*Rain dates are included when there are two or more days of inclement weather on Nov 1, 2, 8, or 9.

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General Environmental Practices for Vegetation Maintenance Operations in the Right of Way

- After pruning, chipping, and removing vegetation, clean up your work area.
- Do not leave cuttings or chips in areas where they may be easily washed into the stormwater drainage system.
- Do not fuel or lubricate equipment, such as weed whackers or leaf blowers, next to drain inlets or watercourses.
- Consider the potential erosion problems in an area when vegetation is disturbed.
- Remember to cover your load when transporting vegetation debris.

**BID SUMMARY SHEET**

MCFSC 2019-01 - PG&E Hopland Road Clearing and Chipper Days

This project will be a “time and materials” contract with the goal for all work described within this document to be completed and not exceed a $25,000 budget. Selection of contractors is determined by price, proven experience of quality and timeliness, and experience within Mendocino County terrain. **Interested contractors must submit a summary of rates below, where applicable, and a brief written narrative with three references of prior work.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Equipment</th>
<th>Rate (Put N/A when not applicable)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Chipper (indicate type, size)</td>
<td>/hour</td>
</tr>
<tr>
<td>2</td>
<td>Labor, chipper (indicate cost per person per hour, and how many to run chipper)</td>
<td>/hour</td>
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<tr>
<td>3</td>
<td>Labor, hand crew (chainsaw, loppers, etc.)</td>
<td>/hour</td>
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<tr>
<td>4</td>
<td>Labor, climber or other tree specialist</td>
<td>/hour</td>
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<tr>
<td>5</td>
<td>Dump truck or 4x4 truck with chip trailer</td>
<td>/hour</td>
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<tr>
<td>6</td>
<td>Truck with low-bed trailer</td>
<td>/hour</td>
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<tr>
<td>7</td>
<td>Water truck or trailer of at least 500 gallons with 4x4 truck</td>
<td>/hour</td>
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<td>8</td>
<td>Portable Toilet</td>
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<td>9</td>
<td>Spill Response Kits</td>
<td>/week</td>
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<tr>
<td>10</td>
<td>Flagger for Traffic Control</td>
<td>/hour</td>
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<tr>
<td>11</td>
<td>Other (specify)</td>
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Note: Hourly rate for heavy equipment must include: a fueled and properly lubricated, fully functional and leak-free piece of heavy equipment with operator with experience in steep and confined mountainous terrain and ranch roads. The hourly rental rate per piece of heavy equipment must also include any other administrative, overhead and bonding costs.

**CONTRACTOR shall possess an active CSLB or CAL FIRE classification license issued by the State of California at the time this bid is submitted.**
It is further agreed that:

(a) In case of a discrepancy between words and figures, the words shall prevail, and in the case of a discrepancy between unit prices and totals, the unit price shall prevail.

(b) No verbal agreement or conversation with any officer, agent, or employee of MCFSC, or MCRCD, either before or after the execution of the Agreement, shall affect or modify any of the terms or obligations of this proposal.

(c) MCFSC or MCRCD will not be responsible for any errors or omission on the part of the undersigned in making up his/her BID, nor will the BIDDER be released on account of error.

(d) The undersigned BIDDER is properly licensed in accordance with the California Contractors State License Board or CAL FIRE.

(e) The Undersigned BIDDER certifies that he/she has confirmed that the proposed forms of the BID, and the prescriptions and specifications are complete.

Printed Name

Title

Signature

Company Name

Address

City/State/Zip Code

License #

Date
EXPERIENCE

BIDDERS must present satisfactory evidence that they are fully prepared with the necessary experience to furnish the articles called for and to conduct the WORK as required by the specifications. **BIDDERS must provide three (3) references from similar projects within the last five years using the table below**

<table>
<thead>
<tr>
<th>Project Title, Dates, and Location</th>
<th>Landowner/Customer and phone no.</th>
<th>Project Description</th>
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LIST OF SUBCONTRACTORS

In accordance with the provisions of Section 4104 to 4113, inclusive of the Government Code of the State of California, each BIDDER shall list below the name, location, and place of business of each SUBCONTRACTOR who shall perform any portion of the contract work. In each instance, the nature and extent of the work to be sublet shall be described.

<table>
<thead>
<tr>
<th>Subcontractor Name</th>
<th>Address/Phone</th>
<th>Description of Work to be Performed</th>
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ALL PAGES must be received by ground-mail, hand-delivery, or email (showing wet signature) by MCFSC, 410 Jones St. Suite C-3, Ukiah, CA 95482 by 5:00pm TUESDAY OCTOBER 15th.

Applications and questions should be directed to: Executive Director, MCFSC, directorfiresafe@pacific.net
Figure 1. Mendocino County Fire Safe Council 2019 PG&E Hopland Project

Legend
- Road Clearing
- Route for Chipper Days

All lines are approximate
Scale is 1:55,000
October 7, 2019

“Before” pictures were taken along McNab Ranch and Valley View Roads in the locations shown below.
Appendix A – Before Pictures

“Before” pictures, taken on 07 August 2019, for fuels reduction on McNab Ranch and Valley View Roads (higher resolutions pictures available upon request)

Image 1 (2736), 3:56pm

Image 2 (2740), 4:04pm
Appendix A – Before Pictures

Image 3 (2747), 4:07pm

Image 4 (2749), 4:10pm
Appendix A – Before Pictures

Image 5 (2762), 4:24pm

Image 6 (2766), 4:26pm
Appendix A – Before Pictures

Image 7 (2771), 4:28pm

Image 8 (2776), 4:30pm
Appendix A – Before Pictures

Image 9 (2825), 4:39pm

Image 10 (2832), 4:40pm
Appendix B – Before Pictures

“Before” pictures, taken on 07 October 2019, for fuels reduction on Feliz Creek Road
Appendix B
Before Pictures for Feliz Creek Road

Image B1

Image B2

Image B3
Appendix B
Before Pictures for Feliz Creek Road

Image B4

Image B5

Image B6