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 for the Brooktrails Township, in Willits, CA. The Mendocino County Community Wildfire Protection Plan (CWPP) identifies Brooktrails as a “Community at Risk” and a target for fuels reduction treatment. This project involves 1. roadside clearing and 2. community chipper days. Roadside clearing is the cutting and chipping of small trees, lower limbs, and brush to remove roadside vegetation and 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 on site or have them removed. Both components of the project require County Encroachment permits, Landowner Access Agreements, and traffic control.

1. Roadside clearing

The Brooktrails roadside and residential fuel reduction treatment area is located approximately 6 miles from the Willits city center. The Brooktrails Township encompasses over 1,553 existing homes and a population of approximately 5,000. Roadside clearing will provide vegetation removal within the public easement areas along at least 2 miles of roadway in the Brooktrails subdivision. See Appendix A for a description of roadside clearing areas and Appendix B for
“Before” photographs. Vegetation will be thinned and pruned out to at least 35 feet from the centerline of the road and up at least 15 feet above the road to improve ingress/egress emergency travel as an alternative evacuation route to Sherwood Road. Standard methods of removal can include mastication, chippers, chainsaws, mowers, hand trimmers and weedwackers. Trees 6” in diameter and greater shall be limbed up 8’ and smaller diameter trees can be removed. Stumps shall be cut as close to the ground as possible. 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.

Vegetation removed from roadside clearing will be chipped and removed or dispersed when appropriate. 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 should be removed. 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 for fire safety or drainage reasons and should be taken to a green-waste facility.

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 can be taken by neighborhood volunteers.

2. Chipper Days

The project includes landowners’ voluntary involvement in “Chipper Days”. A Chipper Day is when landowners cut brush, limbs, and other ladder fuels from around their home and driveway and place them neatly 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 to keep the chips, and the chips can be piled on the private property. (It is not the responsibility of the contractor to disperse the chips on private property.) The MCFSC will hold at least one neighborhood informational meeting to educate residents on how to properly prepare for and participate in the Chipper Days. This includes informing participants about quality of material (woody biomass only, no rocks or dirt), size of piles (no larger than what could fit in a pickup bed) and stacking alignment (all limbs in one direction, with butt at the same end). At least 75 homes will participate in at least 15 Chipper Days. Routes for Chipper Days within the Brooktrails community will be provided in advance. Chipper days will continue until funds are expended.
Proposed Schedule

RFP Released: Thursday, November 14th, 2019
Proposals Due: 3:00pm Thursday, December 12th, 2019.
Community Meetings: February – March 2020. Preparation meetings with residents to provide information regarding roadside clearing and encourage participation in Chipper Days.
Roadside Clearing: March - May 2020. There will be about 2 miles of roadside clearing. See maps and photos for details.
Chipper Days: May – October 2020. Residents and volunteers clear private property for defensible space and neatly pile near roadway for contractor to chip and haul away. There will be at least 15 ‘Chipper Days’.

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

19SFA 144090 Mendocino County Community Fire Preparedness Program

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 $75,000 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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<tbody>
<tr>
<td>1</td>
<td>Chipper (indicate type, size)</td>
<td>/hour</td>
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<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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<td>6</td>
<td>Truck with low-bed trailer</td>
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<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>
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<td>10</td>
<td>Flagger for Traffic Control</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.
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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STATEMENT OF SOCIAL, ENVIRONMENTAL, AND COMMUNITY BENEFIT

ALL PAGES must be received by ground-mail or hand-delivery by 3:00pm December 12th to: MCFSC, 410 Jones St. Suite C-3, Ukiah, CA 95482.

Questions should be directed to: Executive Director, MCFSC, directorfiresafe@pacific.net
Location 1. Birch Segment - 0.5 miles

Location 2a. Poppy to Airport Segment 1 – 0.1 miles
Location 2b. Poppy to Airport Segment 2 – 0.3 miles

Location 3. Poppy Canopy Segment – 0.6 miles
Location 4. Primrose to Ada Rose Segment – 0.5 miles
APPENDIX B: Project “Before” Photography

Location 1. BIRCH 3 WAY INTERSECTION #1
APPENDIX B: Project “Before” Photography

Location 1. BIRCH 3 WAY INTERSECTION #2
Location 2a. POPPY TO AIRPORT # 1.
Location 2a. POPPY TO AIRPORT #2
Location 2b. POPPY TO AIRPORT #3
Location 2b. POPPY TO AIRPORT #4
Location 3. POPPY DRIVE CANOPY #1
Location 4. PRIMROSE DR. PAST CLOVER #1
Location 4. PRIMROSE DR. PAST CLOVER #2