REQUEST FOR PROPOSAL
FOR CONTRACTED SERVICES TO THE AMADOR FIRE SAFE COUNCIL
Mitchell Mine Fuel Break (MMFB) 2020 Phase 2

March 2020

RELEASE DATE: March 6th 2020

SITE VISIT/PREBID TOUR: It is highly encouraged the contractors attend the pre-bid tour.
The pre-bid tour will take place Monday March 16th 2020
Contact Ed Struffenegger to RSVP for the pre-bid tour; (209) 304-2045, email: edstruff@volcano.net
Information regarding exact meeting time and location will be provided to those who RSVP.

CLOSING DATE: Proposals must be submitted electronically – via email - to:
Amanda Watson, Amador Fire Safe Council
Email Address: amadorfiresafe@gmail.com

Proposals must be received no later than March 23rd 2020

Project Contractor will be selected no later than March 27th 2020

PROJECT TITLE: “Mitchell Mine Fuel Break (MMFB) 2020 Phase 2”.

CONTACT PERSON: Amador Fire Safe Council – Coordinator

Amanda Watson
(916) 612-5163
amadorfiresafe@gmail.com

INTRODUCTION:

The Amador Fire Safe Council (AFSC) has received funding from the California Department of Forestry and Fire Protection (CalFire) to develop the Mitchell Mine Fuel Break. The project will be bid in sections over a period of 2 years.

The purpose of this Request for Proposal is to solicit bids to hire a Fuels Reduction Contractor in order to complete the herein described project. Phase 2 of the groundwork is entirely on private property there are a total of four sections of the fuel break that make up the Phase 2 project. There is an estimated total of 117 acres in Phase 2 within these 4 sections.
PROJECT LOCATION:
Fuel Break Section 1: Hamricks
The project is located in a rural residential area from Ridge Road to Ridge Court, Amador County. The project is on 3 rural residential properties.

Fuel Break Section 2: Bates to Surrey
The project is located in a rural residential area from Bates Road to Surrey Junction, Amador County. The project is on 11 rural residential properties.

Fuel Break Section 3: Lower Lupe Road
The project is located in a rural residential area along Lupe Road, then along a ridge to the west of Lupe Road, Pine Grove, Amador County. The project is on 14 rural residential properties.

Fuel Break Section 4: Moonlight Ridge
The project is located in a rural residential area along Moonlight Ridge Road, then along a ridge to the west of Moonlight Ridge Road, Pine Grove, Amador County. The project is on 12 rural residential properties.

Please refer to the attached map of project areas.

SCOPE OF WORK:
Proposed Action: Vegetation in the project area includes a scattered conifer overstory with a dense hardwood stand with live oak, black oak, and a brush component of manzanita, toyon, and chemise. Elderberry bushes and pre-designated vegetation will be flagged for retention. The objective of the treatment is to reduce surface and ladder fuels and develop a shaded fuel break.

Signed permission granting right of entry agreements have been obtained from each participating landowner for this work to be performed. This Project will NOT include any work for fire safe clearance work required by Public Resources Code 4291 of Government Code 51182 which is the full responsibility of each private property owner. This includes all areas within 100 feet of any habitable structure. The general project areas have been delineated on the attached map.

PROJECT AREA & PRESCRIPTION FOR TREATMENT:

Fuel Break Section 1 - Hamricks: 10 Treatment Acres
Acreage was determined via GIS mapping of project area.

Section 1 has been flagged with Pink Glow flagging. The flagging has been hung along the CENTERLINE of the treatment area. The project will include treating all designated vegetation up to 200 feet on each side of this flagging. Where terrain or other obstacles will prevent clearing out 200 feet from the flagging, this width will be reduced as necessary. This reduction in width will be agreed upon between the Contractor and the AFSC forester.

Fuel Break Section 2- Bates to Surrey: 26 Treatment Acres
Acreage was determined via GIS mapping of project area

Section 2 has been flagged with Pink Glow flagging. For this entire section of the project, the flagging was hung along the CENTERLINE of the treatment area. The project will include treating all designated vegetation for 200 feet on each side of this flagging. Where terrain or other obstacles will prevent clearing out 200 feet from the flagging, this width will be reduced as necessary. This reduction in width will be agreed upon between the
Contractor and the AFSC forester. Because of an ROE that has not been returned that alters the original fuel break alignment, this project has 3 segments as shown on the Project Map. If this ROE is obtained prior to operations, the project may be expanded to include additional acres not currently included in this Section.

Fuel Break Section 3 Lower Lupe Road: 43 Treatment Acres
Acreage was determined via GIS mapping of project area.

Section 3 has been flagged with Pink Glow flagging. For the west segment of this section, the flagging was hung along the CENTERLINE of the treatment area. The project will include treating all designated vegetation for 200 feet on each side of this flagging. Where terrain or other obstacles will prevent clearing out 200 feet from the flagging, this width will be reduced as necessary. This reduction in width will be agreed upon between the Contractor and the AFSC forester.

For the east segment of this section along Lupe Road, the start and end of each of the 6 individual areas has been flagged on Lupe Road. The beginning and end of each area is flagged with 3 Pink Glow flags, hung together with a Yellow flag. Writing on the Yellow Flag describes the area to be treated. These areas are shown on the Project Map.

‘Area #4’ within this is very steep and it will be unlikely that the entire area can be masticated.

The west segment of this section is 9 acres. The east segment of this section is 34 acres.

Fuel Break Section 4 – Moonlight Ridge: 38 Treatment Acres
Acreage was determined via GIS mapping of project area.

Section 4 has been flagged with Pink Glow flagging. For this entire section of the project, the flagging was hung along the CENTERLINE of the treatment area. The project will include treating all designated vegetation for 200 feet on each side of this flagging. Where terrain or other obstacles will prevent clearing out 200 feet from the flagging, this width will be reduced as necessary. This reduction in width will be agreed upon between the Contractor and the AFSC forester.

The west portion of this section is along a ridge with no homes or structures. The east portion is along Moonlight Ridge Road, and includes 5 residential homes, various vacant parcels and/or parcels with structures and improvements.

Treatment for all sections will include the establishment of a shaded fuel break within the project area via mechanical or manual mastication. It is the Contractor’s sole responsibility to assure safety during operations.

The following specifications are recommended for fuels treatment within the 400-foot-wide shaded fuel break.

- Fuels to be treated include removal of brush and small trees (up to 14” dbh for hardwood species and up to 12” dbh for conifer species) and pruning of ladder fuels (along the bole, at least 10’ from ground level). Annuals such as grasses should not be targeted for treatment.
- The target for both hardwoods and conifers is approximately 30-foot by 30-foot spacing.
- All material must be masticated, except the larger stems/boles of trees larger than 10”. Large stems should be masticated, chipped, or disposed of.
- Trees within the treatment area shall be cut flush at the ground level and fuels shredded (chipped) and blown back as evenly as possible onto the treatment site.
- All dead and dying trees of any species and any size must be felled and treated.
- Limbs of remaining trees shall be pruned along the bole vertically at least 10 feet from the ground level. Limbs overhanging the road shall be treated (removed/chipped). These pruned limbs shall be cut flush with the tree bole. All pruned material will be chipped or masticated.
• Some work is conducted along roadways: **traffic control will be required to warn vehicles of active fuels treatment operations**; all traffic control and signs will be the responsibility of the Contractor and shall conform to Amador County requirements.
• All debris on public roads or on any private driveway needs to be removed. All paved roads, which includes public roads and private driveways, must be swept or blown at the end of each workday.
• Hazards with the project area include barbed wire fences, dogs, poison oak, power lines and vehicles.
• Masticated material cannot enter watercourses. The AFSC forester may additionally establish equipment exclusion zones around watercourses.
• Landscape vegetation and buffer areas between the properties may be retained depending on landowner preferences. Such retention designation will be noted with the use of plastic flagging.
• In areas where previous brushing activities have resulted in brush piles or brush windrows, these piles and windrows will be masticated with all other material.
• Avoid disturbing any refuse or debris that may be piled by landowners.
• No prevailing wage requirements on this job
• Contractor will not be required to cut and treat live, green trees larger than 14” dbh (hardwoods) and 12” dbh (conifers)
• Bear clover will not be treated
• Blackberries need to be treated
• Mastication requirements:
  ▪ Seventy-five per cent (75%) of the vegetation treated by mechanical mastication shall be ground into shreds <36” in length and spread as evenly as possible to suppress the regrowth of brush.
• The maximum allowable mulch depth is 6”. Mulch shall not be placed against residual trees, in watercourses, or in road drainage structures.
• Remaining stumps shall be <4” in height on the uphill side.
• Dangerous punji sticks are not allowed.
• Treatment in regards to steeper slopes will depend on contractor’s ability to treat steep slopes, this should be addressed in the bid.
• There is possibility for work to start at 6am but this on a case-by-case basis and after information landowners.
• Fences dropped by contractor must be put back up.
• Priority list for saving trees:
  ▪ Ponderosa Pine
  ▪ Sugar Pine, Douglas fir
  ▪ Black oak
  ▪ Others including madrone, live oaks
• Small trees under the canopy of larger trees will generally be always removed
• Handwork as needed in stream zones and within cultural sites must be done by contractor. Contractor should include provisions for handwork in their proposal.
• Startup of operations: Preferably before the start of declared fire season, which is generally May 1. If not, contractors must address fire prevention by:
  1. Meeting the minimum fire tool requirements of the Public Resources Code
  2. Patrol the jobsite after the end of work, as required by the Forest Practice Rules (this is required
  3. only during the declared fire season)
  4. Make provisions for a water tank or water truck with fire pump. This should be addressed in the contractor’s proposal.
• No Traffic Control Plan is required, but contractor must address traffic control when working next to public roads.
• Payments will be made on actual acres treated. Invoices can be submitted as needed but no more frequently than every 2 weeks

**Identification of Protected Species or Other Critical Resources**  With all environmentally sensitive areas, identification and avoidance during project implementation is important. If any sensitive resources are located during
project implementation, the area shall be avoided until consultation with the appropriate agencies can review the situation. Known areas to be avoided/not treated will be designated prior to operations.

**BID PRESENTATION:** Bids shall reflect costs for the project based on a “per acre” basis per section. Bids can be submitted for Section 1 and/or Section 2 and/or Section 3 and/or Section 4 (or any combination).

<table>
<thead>
<tr>
<th>Section 1: Hamricks</th>
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<tbody>
<tr>
<td>Project Area</td>
<td>Bid Price Per Acre</td>
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<tr>
<td>Hamricks Section of MM Fuel Break:</td>
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<tr>
<td>TOTAL: 10 Acres</td>
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<td><strong>TOTAL PROJECT COST:</strong></td>
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<th>Section 2: Bates to Surrey</th>
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<tr>
<td>Project Area</td>
<td>Bid Price Per Acre</td>
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<tr>
<td>Bates to Surrey Section of MM Fuel Break:</td>
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<tr>
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<tr>
<td><strong>TOTAL PROJECT COST:</strong></td>
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<tr>
<th>Section 3: Lower Lupe Road</th>
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<tr>
<td>Project Area</td>
<td>Bid Price Per Acre</td>
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<tr>
<td>Lower Lupe Road Section of MM Fuel Break</td>
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<tr>
<td>TOTAL: 43 Acres</td>
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<td><strong>TOTAL PROJECT COST:</strong></td>
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<tr>
<th>Section 4: Moonlight Ridge</th>
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<tr>
<td>Project Area</td>
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<tr>
<td>Moonlight Ridge Section of MM Fuel Break</td>
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<tr>
<td>TOTAL: 38 Acres</td>
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<td><strong>TOTAL PROJECT COST:</strong></td>
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**Contractor Responsibilities include:**
- Contractor will work with cooperatively with the Project Coordinator, Landowners, Amador Fire Safe Council (AFSC), and PG&E Representatives to insure compliance with the guidelines, conditions and criteria of the grant.
- Contractor will include enough layout time and supervision time in bid to assure public safety and compliance with AFSC requirements.
- Contractor will retain area/vegetation designated for retention or protection.
- Contractor will be responsible for crew’s safety and sanitation needs.
- Contractor will be responsible for ensuring protection of structures, property improvements, power lines and other utilities.
- Residual trees will be protected from skin ups and damage while Contractor determines and implements the treatment of trees and brush within the project area.
- All traffic control and signs will be the responsibility of the Contractor.
- Contractor must abide by all fire prevention rules. This includes all provisions listed in Public Resources Code 4427-4442, which establishes minimum standards for fire tools to be on-site. Contractor will be prohibited from working during extreme fire hazard periods, which include “Red Flag Warning” days established by the National Weather Service and CalFire, and/or other days determined by AFSC to be high fire hazard days.
PROPOSAL FORMAT: A qualifying proposal must address all of the following items:

2. **Cover Sheet** with the following contact information:
   - Title of Proposal, Name and Address of Firm, Contact person, Phone Numbers (landline and cellular), Email Address and Fax Number, as applicable.

3. **Understanding of the Project:** The Contractor shall provide a brief response that demonstrates an understanding of the fuels treatment within the project area that clearly describes his or her ability to reduce hazardous fuel loads in the project locations. This should include a statement of how the proposal will perform the necessary services for each section that is being bid on.

4. **Equipment and Objectives:** The Contractor will also provide a description of equipment to be used in accomplishing the contract and describe how the equipment will achieve treatment objectives.

5. **Qualifications of Key Personnel:** The Contractor shall provide the names of the key people who will be working on this project, their role in the project, and a synopsis of their experience relevant to these roles. Expertise in prior fuels reduction work is highly desirable.

6. **References:** The Contractor shall provide a minimum of three (3) references from similar or related projects, including an appropriate contact name, telephone number and email address (if available) and location and address of previous projects.

7. **Cost Proposal:** The Contractor shall provide a total project cost as well as a per acre cost that covers all work and responsibilities described in the Project Description and Scope of Work. The Contractor may submit a bid for Section 1 and/or 2 and/or 3 and/or 4.

8. **Driving Record and Insurance:** Contractor must maintain a valid driver’s license. The successful applicant must provide proof of current auto, liability, and workman’s compensation insurance.
   a. Automobile Liability Insurance of not less than $500,000 is required in the event motor vehicles are used by the Contractor. One million dollars ($1,000,000) per accident for bodily injury and property damage combined single limit.
   b. Workers Compensation coverage: Contractor shall maintain workers’ compensation insurance for all of its employees during the life of the project.
   c. Commercial General Liability Insurance of not less than Two Million dollars ($2,000,000) combined single limit per occurrence for personal injury liability, bodily injury and property damage. Two million dollars ($2,000,000) aggregate.

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**PROJECT TIMELINE:**

<table>
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<tr>
<th>Milestone</th>
<th>Timeline</th>
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<tr>
<td>Release request for proposal</td>
<td>March 6(^{th}) 2020</td>
</tr>
<tr>
<td>Pre-bid Tour (contact AFSC to RSVP)</td>
<td>March 16(^{th}) 2020</td>
</tr>
<tr>
<td>Proposals Due</td>
<td>March 23(^{rd}) 2020</td>
</tr>
<tr>
<td>Review and Selection of Contractor</td>
<td>No later than March 27(^{th}) 2020</td>
</tr>
<tr>
<td>Agreement Signed</td>
<td>March 27(^{th}) 2020</td>
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<tr>
<td>Work Begins</td>
<td>ASAP or when conditions allow</td>
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<tr>
<td>Contract Ends</td>
<td>All work must be completed June 15(^{th}) 2020</td>
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CONTRACTORS PROPOSAL SUBMISSION:

Bid package shall be received by AFSC no later than March 23 2020. Address any questions to Amanda Watson at (916) 612-5163 or amadorfiresafe@gmail.com.

PAYMENT:
The AFSC shall make payment to the Contractor within 90 days of the AFSC receipt of an acceptable invoice. Payment will be based on actual/measured treated acreage. In order to receive reimbursement under the described Project, the Contractor shall provide an “Invoice for Services” detailing services performed by task and actual costs.

All Invoices and Correspondence pertaining to this contract shall contain “Mitchell Mine Fuel Break (MMFB) 2020 Phase 2” in the heading.

(a) Rates: In consideration of Contractors fulfillment of the promised work, the AFSC shall pay Contractors at a Per Acre Rate accepted and authorized by the AFSC.

(b) Expenses: No travel or other expenses will be reimbursed by AFSC.

(c) Budget Contingency Clause: If funding is reduced or deleted for purposes of this program, the AFSC shall have the option to either cancel this Agreement with no liability occurring to the AFSC or the AFSC, or offer an agreement amendment to Contractor to reflect the reduced amount.

NONDISCRIMINATION:
The activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the American's with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7CFR-15, Subparts A & B), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, marital or family status, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions or policies of the California Fire Safe Council or the U.S. Government. Mention of trade names or commercial products does not constitute their endorsement by the U.S. Government.

MAPS:
The Project Areas are displayed on the below maps.

- Map 1: All Sections (page 8)
- Map 2: Section 1- Hamricks: 10 Treatment Acres (page 9)
- Map 3: Section 2- Bates to Surrey: 26 Treatment Acres (page 10)
- Map 4-5: Section 3- Lower Lupe: 43 Treatment Acres
  - Map 4: Section 3- Lower Lupe Road Unit – East Segment: 34 Treatment Acres (page 11)
  - Map 5: Section 3- Lower Lupe Road Unit – West Segment: 9 Treatment (page 12)
- Map 4: Section 4- Moonlight Ridge: 38 Treatment Acres (page 13)
Mitchell Mine Fuel Break, Phase 2

Completed area = February 2020

Amador Fire Safe Council

REQUEST FOR PROPOSAL

Mitchell Mine Fuel Break, Phase 2

<table>
<thead>
<tr>
<th>Unit</th>
<th>Length (mi)</th>
<th>Acres</th>
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<tr>
<td>Hamricks Unit</td>
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<tr>
<td>Bates to Surrey Unit</td>
<td>1.33</td>
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<tr>
<td>Lower Lupe Unit, West</td>
<td>0.51</td>
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<tr>
<td>Lower Lupe Unit, East</td>
<td>0.90</td>
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<tr>
<td>Moonlight Ridge Unit</td>
<td>1.44</td>
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<td><strong>TOTAL PHASE 2</strong></td>
<td><strong>4.65</strong></td>
<td><strong>117</strong></td>
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Imagery Date: 6/25/2018  lat 38.420254° lon -120.699178° elev 2415 ft eye alt 27451 ft
Map 2: Section 1 - Hamricks: 10 Treatment Acres
Map 2: Section 1 - Hamricks: 10 Treatment Acres

Map 3: Section 2 - Bates to Surrey: 26 Treatment Acres

Map 4: Section 3 - Lower Lupe: 43 Treatment Acres

Map 4: Section 4 - Moonlight Ridge: 38 Treatment Acres
Map 4: Section 3 - Lower Lupe Road Unit – East Segment: 34 Treatment Acres

**Mitchell Mine Fuel Break, Phase 2**

**Lower Lupe Road Unit, East Segment**

Length = 0.9 mile (approx)

Area = 34 acres

**Note:** All areas on this map are flagged with PINK GLO flagging hung with a yellow flag at the start and end of each area.

- **Completed Lupe area**
- **Area #1**
  - 0.9 acres
- **Area #2**
  - 6.3 acres
- **Area #3**
  - 5.7 acres
- **Area #4**
  - 5.4 acres
- **Area #5**
  - 11.4 acres
- **Area #6**
  - 5.2 acres
- **Start of West Segment**
- **Lupe Road**

**Note:** Area #4 is very steep. Only a small portion of this area may be operational.
Mitchell Mine Fuel Break, Phase 2
Lower Lupe Road Unit, West Segment
Length = 0.51 mile
Area = 9 acres

Sutter Creek Volcano Road

Powerlines

Steep, Rocky Area

Lupe Road (end)
Map 5: Section 4 - Moonlight Ridge Unit: 38 Treatment Acres