

MONTEREY COUNTY
RESOURCE MANAGEMENT AGENCY
Carl P. Holm, AICP, Director



Building Services / Environmental Services / Planning Services / Public Works & Facilities
168 W. Alisal Street, 2nd Floor (831)755-4800
Salinas, California 93901 www.co.monterey.ca.us/rma

September 28, 2016

California Department of Forestry and Fire Protection
Attention: Grants Management Unit-SRAFPP & TM Grants
P.O. Box 944246
Sacramento, CA 94244-2460

Subject: CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION
(CAL FIRE) SRAFPP & TM GRANT – COUNTY OF MONTEREY
APPLICATION

To Whom It May Concern:

The County of Monterey Resource Management Agency has prepared the following SRAFPP & TM grant application for funding consideration:

- Monterey County Fire Prevention and Tree Mortality Project - The project consists of vegetation removal and mowing for approximately 198 acres of land to help prevent fire ignition and spread near roadways and populated rural SRA areas.

If you have any questions regarding the enclosure, please contact Ogarita Carranza, Management Analyst II at (831) 755-5174.

Sincerely,

A handwritten signature in blue ink, appearing to read "Benny J. Young".

Benny J. Young
Acting Deputy Director of Public Works & Facilities

Enclosures: One SRAFPP Applications (one original and four copies each)



**California Department of Forestry and Fire Protection (CAL FIRE)
SRAFPF & TM Grant Application
Fiscal Year 2016-17 Funding Opportunity**



Please fill out this form completely. Be sure to save a copy of this form for your records. Submit 1 printed copy with original signature(s) and 1 electronic copy and all supporting materials to: California Department of Forestry and Fire Protection, Attention: Grants Management Unit - SRAFPF & TM Grant, P.O. Box 944246, Sacramento, CA 94244-2460. E-mail an electronic copy to CALFIRE.Grants@fire.ca.gov. Be sure to include all attachments.

Please complete the project identification information.

Is your project tree mortality related? Yes No

Is your project in the State Responsibility Area? Yes No

1. Project Tracking #: CalMapper ID:

Project Name/Title:

County: CAL FIRE Unit/Contract County: Please use this 3-letter Unit identifier for file naming (see questions 5 & 14)

2. Sponsoring Organization:

Organization Type: If Other, Please specify:

Project Manager Title:

First Name: Last Name:

Address 1:

Address 2:

City: State: Zip Code:

Phone Number: Secondary Phone Number:

Email Address: Fax Number:

3. For which activity is funding being requested?

If Other, Please specify

4. Grant Period: Please provide the estimated start date and completion date for your project. Projects **MUST** be completed by March 15, 2019. Note that final billing is due 30 days after project completion. Please use MM/DD/YYYY format.

Project Start Date:

Project Completion Date:

5. Project Location: Identify a central point that identifies the general area of project activities. Enter the information in NAD 83 - degrees, minutes and seconds in whole numbers. Enter Longitude as a positive number.

Latitude N Longitude W ° ' ''

Latitude must be between 32 and 42 degrees. Longitude must be between 114 and 125 degrees. Latitude and Longitude minutes and seconds must be between 0 and 60. For planning or public education projects, use a central point in the SRA for the general area covered by the project.

Please attach a Project map in PDF format with geographic information describing your project location. The map should show the surrounding area in relation to the project. **File naming convention:** Features should be named with the Tracking # and Feature Type. *Example: 16-UUU-XXXX-MAP.pdf*

"Project Area" is the general area where project activities will reduce wildfire risk and/or damage. All projects must have a project area. For planning or public education grants or other projects that don't have well-defined boundaries, provide a map that generally covers the area. For example, for a county-wide public education project, the map should identify the populated portion of the SRA in the county.

6. Project Area Statistics:

For all projects, give an estimate of the project area size and include an estimate of the number of habitable structures impacted by the project. Provide the size of the treatment area for projects that include fuels treatment.

Habitable Dwellings (# of dwellings):

Project Area (acres):

Fuels Treatment Area (acres):

7. SRA Fire Hazard Severity Zones (FHSZ):

What SRA Fire Hazard Severity Zones (FHSZ) are in the project area? SRA Fire Hazard Severity Zone ratings are available at: http://calfire.ca.gov/fire_prevention/fire_prevention_wildland_zones.php

Please provide an approximate number of acres or percentage of the project area in each zone.

FHSZ Rating	Acres	Percent
Very High	<input type="text" value="160"/>	<input type="text"/> %
High	<input type="text" value="38"/>	<input type="text"/> %
Moderate	<input type="text"/>	<input type="text"/> %
Non SRA (Federal or Local Area)	<input type="text"/>	<input type="text"/> %
TOTAL	198	%

*Acres Note: Total acres must be the same as Item 6 Project Area (Acres).
Percent Note: Total % must be 100%*

8. Limiting Factors:

Are there any existing forest or land management plans; Conservation Easements; Covenant, Conditions & Restrictions (CC&R's); matters related to zoning; use restrictions, or other factors that can or will limit the fire prevention proposed activity?

If checked, describe existing plan(s) and the limitations, if any, in the attached Scope of Work.

9. Timber Harvest Plans:

For fuel reduction projects, is there a timber harvesting document on any portion of the proposed project area for which a "Notice of Completion" has not been filed with CAL FIRE?

If checked, provide the THP identification number and describe the relationship to the project in the attached Scope of Work document.

THP ID Number:

10. Community at Risk:

Is the project associated with a community that is listed as a Community At Risk? See http://osfm.fire.ca.gov/fireplan/fireplanning_communities_at_risk.php

If so, what is the name of the community?
If none, enter "none".

Number of Communities in the project area:

11. Project Budget:

What is the proposed budget? Please include a discussion of the project budget in the Scope of Work and enter the amount from the Project Budget workbook (.xls).

Budget Item	Amount
Grant Portion of project (\$)	<input type="text" value="\$200,000.00"/>
Equipment Purchases (\$)	<input type="text" value="\$0.00"/>
Partners (\$)	<input type="text" value="\$0.00"/>
Total Project Budget (\$)	<input type="text" value="200,000"/>

12. Local Wildland Fire Risk Reduction Plans:

Is the project in, consistent with, or build on a larger plan that deals with the risk and potential impact to habitable structures in the SRA covered by this project? If so, discuss in the Scope of Work. **Select all that apply.**

- | | |
|--|---|
| <input type="checkbox"/> CAL FIRE Unit Strategic Fire Plan | <input checked="" type="checkbox"/> Fire Safe Council Action Plan |
| <input checked="" type="checkbox"/> County Fire Department Strategic Fire Plan | <input type="checkbox"/> FIREWISE Community Assessment |
| <input type="checkbox"/> Local Fire Department Plan | <input type="checkbox"/> Community Wildfire Protection Plan |
| <input type="checkbox"/> Homeowners' Association Plan | <input type="checkbox"/> Other Local Plan (Identify in Scope of Work) |

13. CEQA Compliance:

Describe how compliance with the California Environmental Quality Act (CEQA) will be achieved in the Scope of Work. Is there an existing (CEQA) document that addresses this project or can be used to meet CEQA requirements?

Please indicate the CEQA document type:

For planning, education and other projects that are exempt from CEQA, select "Not Applicable".

Document Identification Number

14. Application Submission:

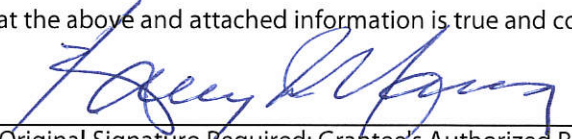
NOTE TO APPLICANT: If you modify the language contained in any part of this document, other than to fill in the blanks, or to provide requested information, your application will be rejected.

Note: Replace XXXX in the file name with the project's ID Number.

Note: Replace UUU in the file name with the 3-letter identifier for the Unit where the project is located. Unit identifiers are listed in the instructions for this application form.

US Mail	Email	Attachments	File Name
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Application Form (.pdf)	<input type="text" value="16-BEU-0050-Application.pdf"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Scope of Work	<input type="text" value="16-BEU-0050-SOW.doc"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Project Budget	<input type="text" value="16-BEU-0050-Budget.xls"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Project Map (.pdf)	<input type="text" value="16-BEU-0050-MAP.pdf"/>
<input type="checkbox"/>	<input type="checkbox"/>	Articles of Incorporation (.pdf)	<input type="text" value="16-UUU-XXXX-AOI.pdf"/>

I certify that the above and attached information is true and correct:


Original Signature Required: Grantee's Authorized Representative

9/28/16
Date Signed

Printed Name

Title

Executed on: at
Date City

Please fill out this form completely. Be sure to save a copy of this form for your records. Submit one (1) electronic copy in fillable PDF format with all supporting materials to CALFIRE.Grants@fire.ca.gov. Please use "SRAFPF/TM Project Application" in the E-mail subject line and include yourself as a cc. Your CC will be proof of your submittal. In addition, submit one (1) hard copy with signatures and all supporting materials to : California Department of Forestry and Fire Protection, Attention: Grants Management Unit - SRAFPF & TM Grant, P.O. Box 944246, Sacramento, CA 94244-2460. Hard copy will need to be postmarked no later than September 28, 2016. Electronic copy must be submitted no later than September 28, 2016 at 3:00 pm. Applications postmarked after this date and time will be considered late.

If you would like to mail the hard copy via expedited/overnight mail, please E-mail CALFIRE.Grants@fire.ca.gov for the physical mailing address.

Tracking #: 16-BEU-0050

Project Name: Monterey County Fire Prevention and Tree Mortality Project



California Department of Forestry and Fire Protection (CAL FIRE)
SRAFPF/TM Grant Project FY 2016-17
Scope of Work

Project Name

Monterey County Fire Prevention and Tree
Mortality Project

Project Tracking Number

16-BEU-0050

Project Description Summary: Please provide a paragraph summarizing the proposed project including the location, habitable structures, acres treated, number of trees to be removed, etc.

The project consists of performing vegetation removal and mowing for approximately 198 acres of land to help prevent fire ignition and spread near roadways and populated rural SRA areas. Work will occur in State Responsibility Areas (SRA) of Monterey County located in the communities of Carmel Valley, Big Sur, Aromas, Toro Park and Prunedale. The project will also help protect the rural-urban interface for the nearby communities of Monterey, Pacific Grove, San Juan Bautista, Salinas, and Carmel Valley Village. According to the US Census there are 2,097 total housing units in Carmel Valley, 6,047 total housing units in Prunedale, 864 housing units in the community of Big Sur, and approximately 2,000 housing units in Toro Park. This project will help prevent fires in project areas with over 11,000 rural housing units, reducing the risk of structural damage and destruction to approximately 11,000 structures.

The project will mow and remove vegetation along the following roads which are also illustrated in Appendix H: 3.7 acres along Aguajito Rd, 25 acres along Cachagua Rd, 3 acres along Calera Canyon Rd, 24.8 acres along Coast Rd, 2 acres along Corral Del Cielo Rd, 15.5 acres along Corral De Tierra Rd, 9 acres along Crazy Horse Canyon Rd, 14 acres along Laureles Grade, 2.5 acres along Loma Alta Rd, 1.6 acres along Los Robles Rd, .3 acres along Nason Rd, 10.8 acres along Old Stage Rd, 4.7 acres along Pesante Rd, 20.7 acres along Robinson Canyon Rd, 11.3 acres along San Benancio Rd, 9.8 acres along San Juan Grade Rd, 15 acres along San Miguel Canyon Rd, 18.5 acres along Tassajara Rd, 3 acres along Tarpey Rd, 1.8 acres along Valenzuela Rd, and 1.2 acres along Viejo Rd.

A. Project Description

This item is broken into project specific criteria depending on the type of project being proposed: planning, education and tree Removal. Please **only answer the one set of questions** in this section that pertain to your project.

Removal of Dead or Dying Tree Projects

1. Describe the geographic scope of the project, including an estimate of the number of dead/dying trees that will be removed or specific activity in support of dead and dying tree removal.
2. Describe the goals, objectives, and expected outcomes of the project, this could include, but is not limited to number of homes treated, number of trees removed, or number miles of roads treated, etc.
3. Provide a clear rationale for how the proposed project will identify dead or dying trees that pose an threat to public health and safety.
4. Identify any additional assets at risk to wildfire and tree mortality that will benefit from the proposed project. These may include, but are not limited to, domestic and municipal water supplies, power lines, communication facilities and community centers, residences and neighborhoods.
5. Is the scale of the project appropriate to achieve the stated goals, objectives and outcomes discussed in Item 2 above?

Fuel Reduction Projects

1. Describe the geographic scope of the project, including an estimate of the number of habitable structures in the SRA and the names of the general communities that will benefit.
2. Describe the goals, objectives, and expected outcomes of the project.
3. Provide a clear rationale for how the proposed project will reduce the risks associated with wildfire to habitable structures in the SRA.
4. Identify any additional assets at risk to wildfire that will benefit from the proposed project. These may include, but are not limited to, domestic and municipal water supplies, power lines, communication facilities and community centers.
5. Is the scale of the project appropriate to achieve the stated goals, objectives and outcomes discussed in Item 2 above?

A. Project Description Continued

Planning Projects

1. Describe the geographic scope of the project, including the communities that will benefit, and an estimate of the number of structures within the project area.
2. Describe how the project will assess the risks to residents and structures in the SRA and prioritize projects to reduce this risk over time.
3. Does the proposed plan add or build upon previous wildfire prevention planning efforts in the general project area?
4. Identify a diverse group of key stakeholders, including local, state, and federal officials where appropriate, to collaborate with during the planning process. Discuss how the project proponent plans to engage with these targeted stakeholders.
5. Describe the pathways for community involvement that will be incorporated in the planning process.

Education and Training Projects

1. Describe the specific message of the education program and how it relates to reducing the risk of wildfire to owners of structures in the SRA.
2. Describe the target audience of the education program and how information will be distributed to this audience.
3. Will the education program raise the awareness of homeowner responsibilities of living in a fire prone environment?
4. Identify specific actions being advocated in the education material that are expected to increase the preparedness of residents and structures in the SRA for wildfire.
5. Describe the expected outcome of the education in terms of increased or changed public awareness about wildfire.

B. Relationship to Strategic Plans

Does the proposed project support the goals and objectives of the California Strategic Fire Plan, the local CAL FIRE Unit Fire Plan, a Community Wildfire Protection Plan (CWPP), County Fire Plan, or other long term planning document?

C. Degree of Risk

1. Discuss the location of the project in relation to areas of moderate, high, or very high fire hazard severity zone as identified by the latest Fire and Resource Assessment Program maps. Fire hazard severity zone maps by county can be accessed at:
http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps.php
2. Describe the geographic proximity of the project to structures at risk to damage from wildfire in the SRA.
3. Describe the projects geographic location related to the latest tree mortality Aerial Detection Survey and Tree Mortality High Hazard Zones.

D. Community Support

1. Does the project include any matching funds from other funding sources or any in-kind contributions that are expected to extend the impact of the proposed project?
2. Describe any cooperating entities in the dead and dying tree removal along with this project being part of a larger tree removal project (if applicable).
3. Describe plans for external communications during the life of the project to keep the effected community informed about the goals, objectives and progress of the project. Activities such as planned press releases, project signage, community meetings, and field tours are encouraged.
4. Describe any plans to maintain the project after the grant period has ended.
5. Does the proposed project work with other organizations or agencies to address fire hazard reduction at the landscape level?

E. Project Implementation

1. Discuss the anticipated timeline for the project. Make sure to take seasonal restrictions into account.
2. Verify the expected timeframes to complete the project will fall under the March 15, 2019 deadline.
3. Describe the milestones that will be used to measure the progress of the project.
4. Describe measurable outcomes (i.e. project deliverables) that will be used to measure the project's success.
5. If applicable, how will the requirements of the California Environmental Quality Act (CEQA) be met?

F. Administration

1. Describe any previous experience the project proponent has with similar projects. Include a list of recent past projects the proponent has successfully completed if applicable. Project proponents having no previous experience with similar projects should discuss any past experiences that may help show a capacity to successfully complete the project being proposed. This may include partnering with a more experienced organization that can provide project support.
2. Identify who will be responsible for tracking project expenses and maintaining project records in a manner that allows for a full audit trail of any awarded grant funds.
3. Describe partnering entities for the tree mortality work and existing projects that this proposed grant will assist or compliment.

G. Budget

A detailed project budget should be provided in an Excel spreadsheet attached to this grant application. The space provided here is to allow for a narrative description to further explain the proposed budget.

1. Explain how the grant funds, if awarded, will be spent to support the goals and objectives of the project. If equipment grant funds are requested, explain how the equipment will be utilized and maintained beyond the life of the grant.
2. Are the costs for each proposed activity reasonable for the geographic area where they are to be performed? Identify any costs that are higher than usual and explain any special circumstances within the project that makes these increased costs necessary to achieve the goals and objectives of the project.
3. Is the total project cost appropriate for the size, scope, and anticipated benefit of the project?
4. Identify any administrative expenses and describe why they are necessary for successful project implementation. Administrative expenses to be paid must be less than 12% of the total grant request.

A. Project Description Response

1. The project consists of performing vegetation removal and mowing for approximately 198 acres of land to help prevent fire ignition and spread near roadways and populated rural SRA areas.

Work will occur in SRA areas of Monterey County located in the communities of Carmel Valley, Big Sur, Toro Park, Aromas and Prunedale. According to the US Census there are 2,097 total housing units in Carmel Valley, 6,047 total housing units in Prunedale, 864 housing units in the community of Big Sur, and approximately 2,000 housing units in Toro Park. This project will help prevent fires in project areas with over 11,000 rural housing units, reducing the risk of structural damage and destruction.

2. The goal of this project is to improve fire prevention in SRA areas of Monterey County by removing vegetation and mowing near roadways and populated rural areas. The key objective of this project is a reduction in high fire risk grasslands and brush near roadsides. The outcome of this project will be a reduction of 198 acres of high fire risk grasslands near county roads and a corresponding reduced risk of fire.

3. Many fires start due to heat and sparks from equipment operation and vehicle sparks near roadways making contact with grasslands and brush. These fires can quickly spread to surrounding brush fields and forests, growing into large incidents which typically destroy and damage a large number of structures. By removing 198 acres of vegetation near roadways, fire lines will be established to prevent the ignition of fires by vehicles and equipment, preventing the spread of grassland related fires to more populated areas, and preventing associated structural damage and destruction to approximately 11,000 structures.

4. Additional assets that will be protected as part of this project include radio and cell phone communication facilities, power lines, and roadways. These facilities are in close proximity to the project areas. Communication facilities are particularly important to protect to allow fire fighters to communicate in remote mountainous areas in the case of a fire incident. These facilities must be protected in order to expedite the flow of communication between fire fighting personnel, allowing resources to be mobilized to squelch any new fires quickly. If these facilities are affected by a fire incident, it would cut critical communication for firefighting personnel, temporarily challenging their ability to respond to fire incidents.

5. While the scale of the project covers approximately 198 acres of land, it focuses efforts on critical rural SRA roadways where vehicles and equipment can easily cause fire ignition. These types of fires may quickly spread to surrounding areas. By focusing fire prevention efforts on these 198 acres of high risk fire areas, over two hundred square miles of nearby high and very high risk SRA area will be protected from fire ignition and spread. This preventative work will reduce the number of incidents that must be responded to by CAL FIRE, the Forest Service, emergency personnel, and the County, reducing the costs for these expensive fire incidents.

B. Relationship to Strategic Plans Response

The proposed project supports the goals and objectives of the The San Benito - Monterey Unit Strategic Fire Plan, which is the local CAL FIRE Unit Fire Plan. This project will support and help implement the San Benito - Monterey Unit Strategic Fire Plan, and will:

- Collect, analyze and prepare data to assess communities at risk and in need of fuel reduction or other projects.
- Work with grant writers and stakeholders to secure funds to implement projects.
- Utilize CAL FIRE personnel and resources in conjunction with other public and private efforts to assist with the project work on the ground.
- Educate the public on fire prevention and incorporation of fire resistant landscaping and construction to their property, as well as hazardous fuel reduction to keep their lives, homes, property and natural resources safe from catastrophic wildfires.

C. Degree of Risk Response

1. The project consists of the removal of vegetation and is located in high or very high fire hazard severity zones as identified by the latest Fire and Resource Assessment Program maps. See Appendix H - Project Map. While the scale of the project covers approximately 198 acres of land, it focuses on fire prevention near roadways where vehicles and equipment can cause fire ignition through sparks and friction. These types of fires may quickly spread within SRA areas. By focusing fire prevention efforts on these high risk fire areas, over 200 square miles of nearby high and very high risk SRA area will be protected from potential fire spread.

2. The areas that this project is targeting for fire prevention work is within five miles of approximately 11,000 housing units. Single family homes are the primary type of unit, hence it is estimated that the project area contains approximately 11,000 structures. Most project efforts will be focused immediately adjacent to major population centers in our County's rural SRA areas where these structures are located.

Over the past ten years, Monterey County has had over 1,450 small fires in the SRA area which affected over 16,000 acres. Grasslands in Monterey County are historically a high risk fire hazard, especially near County roads. According to the CALFIRE Redbooks, Between 2012-2014, fires under 300 acres in Monterey County were composed of 70% grassland on average. This highlights the need to mow high fire risk areas, especially grasslands which can be effectively transformed into a fire break through mowing. Monterey County has a large mountain range which runs along its coast which contains the northern half of the Los Padres National Forest. This area and surrounding SRA wildlands are subject to frequent large fire incidents. During 2012-2014, Monterey County experienced five large fires over 300 acres which burned over 13,000 acres and destroyed 38 structures. Currently, Monterey County is dealing with the Soberanes Fire which has burned for two months over 125,000 acres and has destroyed 57 homes and 11 outbuildings. By preventing the ignition of fires by mowing near roads and removing hazard trees near residences, this project will reduce the risk of smaller fires growing to become larger fire incidents.

3. Approximately 50% of project work will occur in Tree Mortality High Hazard Zones near Carmel Valley and to the north of Carmel Valley. All project areas are within one mile of areas with 5-15 dead trees per acre according to the 2014 and 2015 USFS Surveys. Our County has not been surveyed by an Aerial Detection Survey for tree mortality, however bark beetle is known to be affecting our County's SRA areas and forests.

D. Community Support Response

1. The County is not proposing official matching funds as part of this applicaiton. However, the County operates a yearly ongoing vegetation removal and mowing program through its regular Maintenance Plan which currently does not regularly address the project sites associated with this project. Program vegetation removal and fire prevention work is typically only done only at key intersections, often only removing vegetation for 500' - 700' nearby.
2. Monterey County's vegetation removal work for fire prevention is part of a larger constellation of fire prevention vegetation removal that is performed by the Monterey County Fire Safe Council, the US Forest Service, CAL FIRE, and PG&E's vegetation management program. Monterey County's work emphasizes mowing near county roadways to help prevent fires, while other organizations focus more of their fire prevention efforts on forested and wildland areas. Together, these programs will complement each other, reducing various rungs from the fuel ladder, and increasing fire prevention throughout the County.
3. Before vegetation management work takes place, press releases are sent out, all nearby first responder agencies are notified of traffic control projects, the public is notified about the work, and door to door notification of work is done as needed. Additionally, changeable message signs are placed near the project site at least ten days in advance to notify all roadway users of upcoming work. Participation in regular community meetings is done if possible.
4. After this project is completed, vegetation removal of the same project areas will continue to be done by the Resource Management Agency of Monterey County depending on the availability of funding.
5. See answer D-2 above.

E. Project Implementation Response

1. Timeline:

- Mowing/Vegetation Removal: April 1 - June 30, 2017
- Invoicing and Reporting: February 1, 2017 – March 15, 2019
- Final project report and close-out: March 15, 2019.

2. As much of the project work will be completed in the first year, all project deliverables will be completed well before the March 15, 2019 project completion deadline.

3. Milestones that will be used to measure the progress of the project will be primarily the number of acres mowed.

4. The primary measurable outcome will be number of acres mowed. This project will track the completion of the proposed 198 acres mowed to assure compliance with schedule, budget, and milestones.

5. The project is exempt from CEQA.

F. Administration Response

1. Monterey County has a comprehensive understanding of fire prevention and its relation to fire incidents. The County mows and clears hundreds of acres of vegetation near County roads on a yearly basis and has done so for over 50 years. In addition, the County has worked on projects such as fire clearance near emergency radio sites to allow continued communication amongst fire personnel on new potential fires and fire

2. fighting efforts. The County has also been involved in debris and tree removal after a populated area was hit by the Soberanes fire this year and in other large fire incidents such as the Basin Complex, Indians, Pfeiffer Ridge, Tassajara, and Coleman fires.

County staff has 15 years experience performing vegetation removal for fire prevention and performing high production mowing using CAL FIRE "Gabilan Fire Crews" for vegetation removal not suitable for mowers, training in wildland fire school and fire shelter, supported logistical needs during major wildland fire events, and post fire watershed protection for three major wildland fires.

The County may partner with other contractors such as CALFIRE's "Gabilan Fire Crews" for vegetation removal not suitable for mowers.

3. A Management Analyst II and a Maintenance Manager in the Resource Management Agency, a department within Monterey County, will be responsible for tracking project expenses and maintaining project records in a manner that will allow for a full audit trail of awarded grant funds. Timecard audits, invoices, daily crew logs, pictures of mow areas, and reports will be prepared to document project work.

4. Monterey County's vegetation removal work for fire prevention is part of a larger constellation of removal that is performed by the Monterey County Fire Safe Council, the US Forest Service, CALFIRE, and PG&E's vegetation management program. Monterey County's work emphasizes mowing near county roadways to help prevent fires, while other organizations focus more on forested and wildland areas. Together, these programs complement each other, reducing various rungs from the fuel ladder, and increasing fire prevention throughout the County.

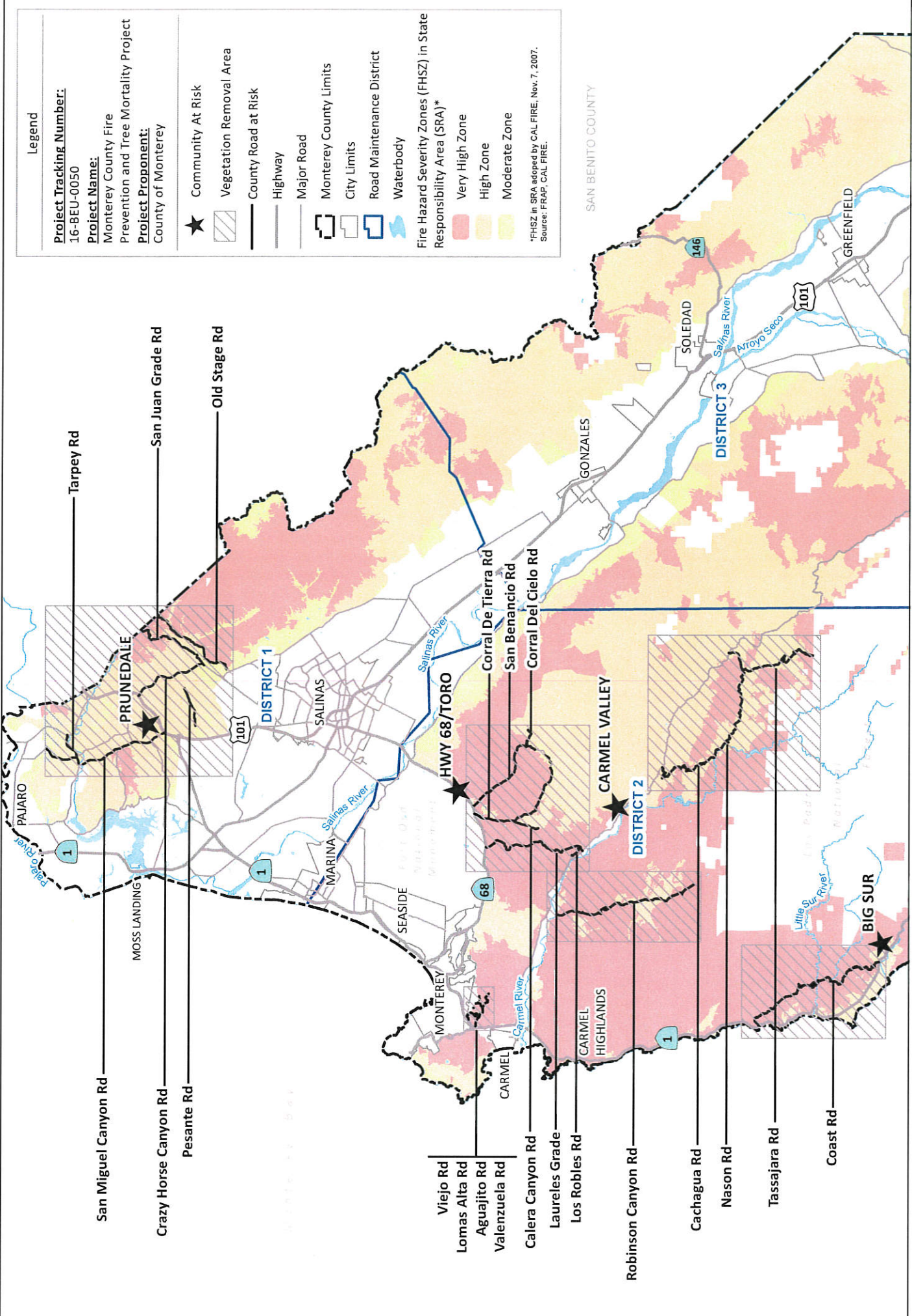
G. Budget Response

1. The grant funds will be used to fund contractors to perform vegetation removal and mowing near roadways and population centers in select SRA areas in Monterey County to help prevent fire ignition and spread. No equipment will be purchased as part of this project.
2. No costs are higher than normal for the type of work being proposed on our project geographic area.
3. The total project cost of \$200,000 is appropriate for the size, scope, and anticipated benefits of the project. By focusing project work on over 198 acres of SRA area, we estimate that over 200 square miles of high and very high SRA fire risk areas are being protected from future fire incidents.
4. Less than 5% of grant funds will be used for administrative expenses to help monitor, oversee, and track the finances of the grant project. A Management Analyst II will provide grant management by preparing the required reports (i.e. project report, close-out report) and administrative tracking of the grant. The Maintenance Manager will provide quality control and oversight of the project, review invoices, and approve for payment.

Project Budget

Project Name: County of Monterey Fuel Reduction Project

Budget Category	Item Description	Cost Basis			Cost Share (%)			Funding Source (\$)			Total (\$)
		Quantity	Units	Cost/Unit	Grant	Grantee	Partner	Grant	Grantee	Partner(s)	
A. Salaries and Wages											
	Management Analyst II	120	Hours	\$ 61	100%	0%	0%	\$ 7,311	\$ -	\$ -	\$ 7,311
	Maintenance Manager	80	Hours	\$ 76	100%	0%	0%	\$ 6,080	\$ -	\$ -	\$ 6,080
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Salaries and Wages:							\$ 13,391	\$ -	\$ -	\$ 13,391
B. Employee Benefits											
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Employee Benefits:							\$ -	\$ -	\$ -	\$ -
C. Contractual											
	Contractor Vegetation Removal	1	Each	\$ 186,609	100%	0%	0%	\$ 186,609	\$ -	\$ -	\$ 186,609
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Acres	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Miles	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Contractual:							\$ 186,609	\$ -	\$ -	\$ 186,609
D. Travel & Per Diem:											
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Travel & Per Diem:							\$ -	\$ -	\$ -	\$ -
E. Supplies											
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Supplies:							\$ -	\$ -	\$ -	\$ -
F. Equipment											
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Equipment:							\$ -	\$ -	\$ -	\$ -
G. Other Costs											
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Other Costs							\$ -	\$ -	\$ -	\$ -
Total Direct Costs								\$ 200,000	\$ -	\$ -	\$ 200,000
Indirect Costs								0%	\$ -	\$ -	\$ -
Total Project Costs								\$ 200,000	\$ -	\$ -	\$ 200,000
Less Program Income								\$ -	\$ -	\$ -	\$ -
Total Grant Proposed Costs								\$ 200,000	\$ -	\$ -	\$ 200,000



Legend

Project Tracking Number:
16-BEU-0050

Project Name:
Monterey County Fire
Prevention and Tree Mortality Project

Project Proponent:
County of Monterey

- ★ Community At Risk
- ▨ Vegetation Removal Area
- County Road at Risk
- Highway
- Major Road
- ▭ Monterey County Limits
- ▭ City Limits
- ▭ Road Maintenance District
- ▭ Waterbody

Fire Hazard Severity Zones (FHSZ) in State Responsibility Area (SRA)*

- Very High Zone
- High Zone
- Moderate Zone

*FHSZ in SRA adopted by CAL FIRE, Nov. 7, 2007.
Source: FRAP, CAL FIRE.

San Miguel Canyon Rd
Crazy Horse Canyon Rd
Pesante Rd
San Juan Grade Rd
Old Stage Rd

Viejo Rd
Lomas Alta Rd
Aguajito Rd
Valenzuela Rd

Calera Canyon Rd
Laureles Grade
Los Robles Rd

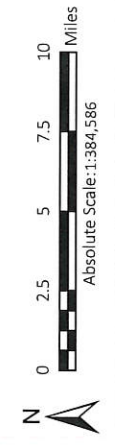
Robinson Canyon Rd

Cachagua Rd

Nason Rd

Tassajara Rd

Coast Rd



Appendix H - Project Map