



California Department of Forestry and Fire Protection (CAL FIRE)  
California Climate Investment  
Fire Prevention Program Grant Application  
Fiscal Year 2017-18 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 - Fire Prevention Program, P.O. Box 944246, Sacramento, CA 94244-2460**. E-mail an electronic copy to [CALFIRE.Grants@fire.ca.gov](mailto:CALFIRE.Grants@fire.ca.gov). Be sure to include all attachments.

**1. Project Tracking #:** 17-FP-FKU-2028      CalMapper ID: 168\_4300-2018-FPL-009

Project Name/Title: 168 Corridor Dead & Dying Tree Removal and Disposal

County: Fresno      CAL FIRE Unit/Contract County: FKU - Fresno-Kings Unit      Please use this 3-letter Unit identifier for file naming (see questions 6 & 17)

**2. Organization Type:** County      If Other, please specify: \_\_\_\_\_

If Non-Profit, are you a registered 501(c)(3)? No      **Fire Protection Provider:** Multi-jurisdictional

**3. Sponsoring Organization:** County of Fresno

**Project Manager** Title: Staff Analyst III

First Name: Adan      Last Name: Ortiz

Address 1: 1221 Fulton Mall, 3rd Floor

Address 2: \_\_\_\_\_

City: Fresno      State: California      Zip Code: 93721

Phone Number: 559-600-4064      Secondary Phone Number: 559-600-4065

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**4. For which primary activity is funding being requested?**

Fuel Reduction

**5. Grant Period:** Please provide the estimated start date and completion date for your project. Projects **MUST** be completed by March 15, 2022. Note that final billing is due 30 days after project completion. Please use MM/DD/YYYY format.

Project Start Date: 11/01/2018

Project Completion Date: 03/15/2022

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**6. 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.

A REQUIRED component of the application is the usage of the Fire Prevention Grant Project/Treatment Area Mapping Program. The mapping program and directions can be found here: [http://calfire.ca.gov/fire\\_prevention/firepreventiongrants](http://calfire.ca.gov/fire_prevention/firepreventiongrants)

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 WUI 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: 17-FP-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 WUI in the county.*

## 7. 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.

	LRA	FRA	SRA
Habitable Dwellings (# of dwellings):	<input type="text"/>	<input type="text"/>	<input type="text" value="1,198"/>
Project Area (acres):	<input type="text"/>	<input type="text"/>	<input type="text" value="6,404"/>
Fuels Treatment Area (acres):	<input type="text"/>	<input type="text"/>	<input type="text" value="2,500"/>

## 8. 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](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"/>	<input type="text" value="96"/> %
High	<input type="text"/>	<input type="text" value="4"/> %
Moderate	<input type="text"/>	<input type="text"/> %
Non SRA (Federal or Local Area)	<input type="text"/>	<input type="text"/> %
<b>TOTAL</b>	<b>100</b>	<b>%</b>

*Acres Note: Total acres must be the same as Item 7 Project Area (Acres).*

*Percent Note: Total % must be 100%*

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**9. 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.

**10. 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:

**11. Communities 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](http://osfm.fire.ca.gov/fireplan/fireplanning_communities_at_risk.php)

Yes  No

If yes, what is the name of the community(ies)? If none, enter "none".

Pine Ridge, Shaver Lake, Cressman, Bretz Mountain Village, Quartz Mountain, and Wildflower Village.

Number of Community(ies) at Risk: 6

**12. Disadvantaged/Low Income Community(ies):** Does the project contain a Disadvantaged and/or Low Income Community?

See <https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm>

Yes  No

If yes, select all that applies:  Disadvantaged  Low Income  Both  Buffer Zone

**13. Describe how your proposal would reduce the total amount of wildfire (and thereby reduce wildfire emissions) around communities, homes, infrastructure, and other highly valued resources. Please focus on GHG benefits.** (limited to space provided):

The proposal will make the above areas more resilient to a wildfire, create a healthier forest landscape, and will allow for faster reforestation. The County has allowed a chipping operation to process material that is utilized as biomass.

**14. 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 (\$)	\$840,000.00
Equipment Purchases (\$)	
Partners (\$)	
Total Project Budget (\$)	840,000

**15. 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 WUI covered by this project? If so, discuss in the Scope of Work. **Select all that apply.**

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

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**16. 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

**17. 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)	17-FP-UUU-2028-Application.pdf
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Scope of Work	17-FP-UUU-2028-SOW.doc
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Project Budget	17-FP-UUU-2028-Budget.xls
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Project Map (.pdf)	17-FP-UUU-2028-MAP.pdf
<input type="checkbox"/>	<input type="checkbox"/>	Articles of Incorporation (.pdf)	

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

Original Signature Required: Grantee's Authorized Representative

6/4/18

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](mailto:CALFIRE.Grants@fire.ca.gov). Please use "Fire Prevention Program 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 - Fire Prevention Program, P.O. Box 944246, Sacramento, CA 94244-2460**. Hard copy will need to be postmarked no later than **June 6, 2018**. Electronic copy must be submitted no later than **June 6, 2018 at 3:00 pm PST**. 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](mailto:CALFIRE.Grants@fire.ca.gov) for the physical mailing address.

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California Department of Forestry and Fire Protection  
(CAL FIRE) California Climate Investments  
Fire Prevention Grants Program  
Project Scope of Work



**Project Name: 168 Corridor Dead & Dying Tree Removal and Disposal**

**Project Tracking Number:** 17-FP-FKU-2028

**Project Description Summary:** Please provide a paragraph summarizing proposed project including the location, habitable structures, acres treated, etc.

The project is located in the tree mortality priority county of Fresno, a tier one high hazard zone area and high fire hazard severity zone. The project will remove dead and dying trees and that are within 300 feet of 1,198 habitable structures. Primary focus will be placed on removal and disposal of dead and dying trees around structures and drivable roads in and around the communities of Pine Ridge, Shaver Lake, Cressman, Bretz Mountain Village, Quartz Mountain, Wildflower Village covering 6,403 acres as illustrated on the attached map. This project will also provide cleanup work to residents that felled their own trees but do not have the means for disposal. Approximately 17,139 dead and dying trees and 75,000 cubic yards of cleanup material has been identified for removal in this area. This project will provide these communities with a reduced risk of hazard trees impacting habitable structures, safer ingress and egress routes along local roads, and less fuel loads within communities. County maintained roads are being treated with California Disaster Assistant Act (CDAA) funds by the County. As indicated on the map, there are several fuel breaks adjacent to the project and Southern California Edison and PG&E continues to remove trees along power lines in these communities.

**A. Scope of Work**

This item is broken into project specific criteria depending on the type of project being proposed: planning, education or hazardous fuel reduction. Please **answer one section of questions** that pertain to the primary activity type for your project.

**Section 1: Hazardous Fuel Reduction/Removal of Dead or Dying Tree Projects**

1. Describe the geographic scope of the project, including an estimate of the number of habitable structures 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 rational for how the proposed project will reduce the risks associated with wildfire to habitable structures in the WUI.
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?
6. How will the project/activity utilize the left over woody biomass? Will the project/activity use a biomass facility to reduce greater greenhouse gas emissions?

### **Hazardous Fuel Reduction/Removal of Dead or Dying Tree Projects:**

The County was awarded FY 2016-17 SRA grants for this location in early 2017. Priority funding was given to dead and dying tree removal projects that posed a threat to habitable structures and roads while distributing funds as much as possible throughout the area. Minimal funding remained to remove fuel loads on the ground due to homeowners felling their own trees but not having the means to dispose of them. The County is currently tracking areas with vast amounts of logs and slash that need to be cleaned up. The County will have spent all of the SRA funds in this location while only securing approximately 50% of the right of entry permits that were mailed out. Property owners are still signing and returning Right of Entry Permits where the County intended to do removal work but funds are no longer available. The project will cover 6,404 acres in the North East portion of the County of Fresno and may treat up to 1,198 habitable structures within the communities of Pine Ridge, Shaver Lake, Cressman, Bretz Mountain Village, Quartz Mountain, Wildflower Village.

The County has signed right of entry forms/permission from several property owners and 50% of environmental clearance within this area. Within 1-2 months of grant award, the County will have additional signed right of entry forms to enter private property. Within 3-6 months from grant award, the remaining environmental clearance will be complete, dead and dying trees will be identified, a LTO(s) will be selected, and trees, slash, and logs will begin to be removed and disposed. Time is of the essence for the County. The County's goal is to have the project completed within 24 months from award.

Projects over the last two years have been targeted at ingress and egress routes, infrastructure protection and community protection in Fresno County. This project will remove dead and dying trees and the associated slash from the communities and provide egress for the citizens and access for fire equipment. Prior to the tree mortality, the trees were not a ground fuel that was immediately available to burn. Now however, these trees have died, are falling, and will continue to fall, increasing the ground fuel loading from approximately 50 tons per acre to over 1,500 tons per acre. The added fuel loading will only increase the impacts of fire on these communities unless removed. This project also supports the current and broader scale planned community fuel break projects for surrounding areas. CAL FIRE and the local Fire Safe Council will continue to work on fuel breaks. Having access to the fuel breaks by clearing the roads and clearing around structures will create a safer community. The expansion of defensible space and buffering of manmade assets will make these areas and assets more resistant to the impacts of fire. The proposed hazardous fuel reduction will also provide enhanced protection to water supplies, utility lines, communication facilities and community centers.

The LTOs currently working with the County have a good working relationship with Rio Bravo, Fresno, a biomass-fired electrical generating facility. The County's bidding guidelines require the LTOs to dispose of material. The LTOs have been collaborating with Rio Bravo to reduce greenhouse gas emissions.

## **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?

This tree removal project is consistent with the goals and objectives of the Fresno County Tree Mortality Plan, Fresno Kings Unit Fire Plan and the California Strategic plan. This project will also make man-made assets more resistant to the occurrence and effects of wildland fire.

United States Forest Service lands are directly adjacent to this project. Locally, projects are prioritized and implemented across landscapes. Fires in this area will impact both Federal and private lands. This project is also in line with the National Cohesive Wildland Fire Management strategies which address wildland fire management across all lands in the United States.

## **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](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 WUI.

This project is situated within the designated very high hazard and high hazard severity zones. Approximately 6,176 acres (96%) of the project is within a very high hazard severity zone and 228 acres (4%) within a high hazard severity zone. Fresno County has experienced catastrophic tree mortality with many areas showing 100% mortality. This project is in an area with 80-100% tree mortality and many of the trees have died over 3 years ago increasing the likelihood of these trees falling at any time.

This project will treat approximately 1,198 habitable structures at risk to damage from wildfire in the WUI.

## **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 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.

3. Describe any plans to maintain the project after the grant period has ended.
4. Does the proposed project work with other organizations or agencies to address fire hazard reduction at the landscape level?

It should be noted that the County has contributed 1.0 Full Time Equivalent (FTE) to the County's Tree Mortality Program. The County is prepared to continue contributing 1.0 FTE to fulfill the Program's mission. This contribution has allowed for grant administration, bidding of contractors, assessment and prioritization of projects, coordination, and one point of contact with partner agencies. Maintenance of the project will continue after the grant period has ended and will rely on home owners maintaining a cleared landscape. The County wants to be in a position to submit for future funding opportunities and will continue to monitor the area.

This project meets the goals and objectives of the Fresno County Tree Mortality Task Force which includes representatives from: 168 Fire Safe Council, Cal Trans, Fresno County Sheriff, Fresno County Ag, CAL FIRE, Fresno County OES, Fresno County Public Works & Planning, Oak to Timberline Fire Safe Council, PG&E, Sierra Nevada Conservancy, Sierra Resource Conservation District, So. Cal. Edison, USFS- Sequoia, and USFS-Sierra.

This project will increase the effectiveness of the existing fuel breaks adjacent to these communities. The larger landscape fuel breaks will be constructed by CAL FIRE, USFS and the 168 Fire Safe Council. This fuel break system is currently being expanded and dead and dying trees are being removed using various funding sources from state and federal agencies. CAL Trans is removing trees along highways 168, which traverse through this project area.

External communications with community groups include public meetings and status updates on the County's website.

## **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, 2022 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?

The County of Fresno has contracts in place with 17 Registered Professional Foresters and 26 Licensed Timber Operators (LTO). The County submitted 2 applications for consideration and is committed to commence work simultaneously on both sides of the County if awarded. Should this application be approved, the County anticipates this project will be completed no later than March 15, 2022. The County is prepared to commence multiple projects at one time to remove as many trees as possible in the shortest amount of time. The County will place two separate sets of time-lines and milestones on this project. The first time-line and milestone will be placed on the County Project Manager assigned to oversee the grant requirements and contracted services for tree removal. The second time-line and milestone will be assigned to the LTOs and will include the number of trees to be removed by certain deadlines; and project progress deadlines at 25%, 50%, 75% and 100% completion.

The County has signed right of entry forms/permission from several property owners and 100% environmental clearance within this area. Within 1-2 months of grant award, the County will have additional signed right of entry forms to enter private property. Within 3-6 months from grant award, dead and dying trees will be identified, a LTO(s) will be selected, and trees, slash, and logs will begin to be removed and disposed. Time is of the essence for the County. The County's goal is to have the project completed within 24 months from award.

## **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.

On January 29, 2016, the County of Fresno was awarded SRA grant #5GS15103 for the Miramonte / Pinehurst fuel reduction project and SRA grant #5GS15104 for the Meadow Lakes / Shaver Lake fuel reduction project. The County successfully completed both projects and is in closeout mode for these grants.

In early 2017, the County of Fresno was awarded 13 SRA grants for dead and dying tree removal and disposal projects. As of May 25, 2018, 10 of these projects have been completed.

The County was also awarded CDAA funds from CalOES to continue removing dead and dying trees around infrastructure. County staff gained additional experience in tree mortality type grant management through the application process, bidding and contracting for services, and preparation for invoicing.

County OES staff have a combined 17 years of grant management experience covering several different grant funding sources. County OES staff will track project expenses and maintain project records in a manner that allows for a full audit trail.

## **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 all Indirect Costs and describe why they are necessary for a successful project implementation. Administrative expenses to be paid by the Fire Prevention Grants must be less than 12% of the total grant request (excluding equipment).
5. Explain each object category in detail and how that would support meeting the grant objectives.

This application solicitation is for \$840,000. Grant funds will be primarily utilized to contract with Licensed Timber Operators, which are required to provide their own traffic control, fell, remove, and dispose of material. Funds will also be utilized to contract with Registered Professional Foresters for their expertise in assessing and marking trees and cleanup sites. The County does not anticipate the need to purchase equipment. The County has gained additional experience contracting with Licensed Timber Operators and has become more familiar with market rates and trends. The County does not anticipate costs that are higher than usual; however, bids for projects where trees are within 10 feet of a home have traditionally been higher. 12% Administration is being budgeted to allow the County to offset staff time not contributed towards the project. Staff time includes GIS services, procurement, right of entry permits, site visits, traffic control review, and assessments. The County's goal is to remove as many dead and dying trees and cleanup sites that pose a threat to the public and to lower Greenhouse Gas emissions.

#### **H. California Climate Investments**

The space provided here is to allow for a narrative description to further explain how the project/activity will reduce Greenhouse Gas emissions.

1. How will the project/activity reduce Greenhouse Gas emissions?
2. Is the project located in a Low-Income or Disadvantaged Community? If not, does the project benefit those communities. Please explain.
3. What are the expected co-benefits of the project/activity (i.e. environmental, public health and safety, and climate resiliency)?
4. When are the Greenhouse Gas emissions and/or co-benefits expected to occur and how will they be maintained?

The County has allowed a chipping operation to process material that is utilized as biomass by Rio Bravo, Fresno, a biomass-fired electrical generating facility. Contracted LTOs have a good working relationship with Rio Bravo for the material from felled trees and from cleanup projects. Numerous property owners felled their own hazard trees but do not have the means to properly dispose of them. These property owners are faced with limited options for removing this fire fuel from the ground. Options they have mentioned include burning on site or allowing it to decompose naturally. The most likely way the material will be disposed of if this grant is not awarded will be by open pile burning which will release more stored carbon back into the atmosphere than disposing of the material at the cogeneration facility. The sooner we assist these property owners with the removal and disposal of woody material the sooner they can transition to the reforestation phase.

Although the project is not located in a Low-Income or Disadvantaged Community, potential smoke from a wildfire will adversely affect these communities.

The proposal will reduce the wildfire emissions around the Pine Ridge, Shaver Lake, Cressman, Bretz Mountain Village, Quartz Mountain, Wildflower Village communities, and infrastructure. The proposal will also make the above areas more resilient to a wildfire, create a healthier forest landscape, and will allow for appropriate reforestation. The trees being removed died because of the drought and subsequent forest pest outbreak. By removing the material and maintaining a landscape that is more appropriately stocked will allow the forest to be more resilient and the remaining trees should be able to withstand low rainfall years because of lower stocking rates.

By clearing the immediate fuels that can exacerbate a wildfire, the County will have lowered Greenhouse Gas emissions. County staff is willing and available to calculate project emissions with CalFIRE. Maintaining lower emissions after the grant funds are expended will be accomplished through education and brokering of disposal options for the public. The County has a good working relationship with Rio Bravo. and can notify them of available biomass and can coordinate for its pickup.

**Project Budget**

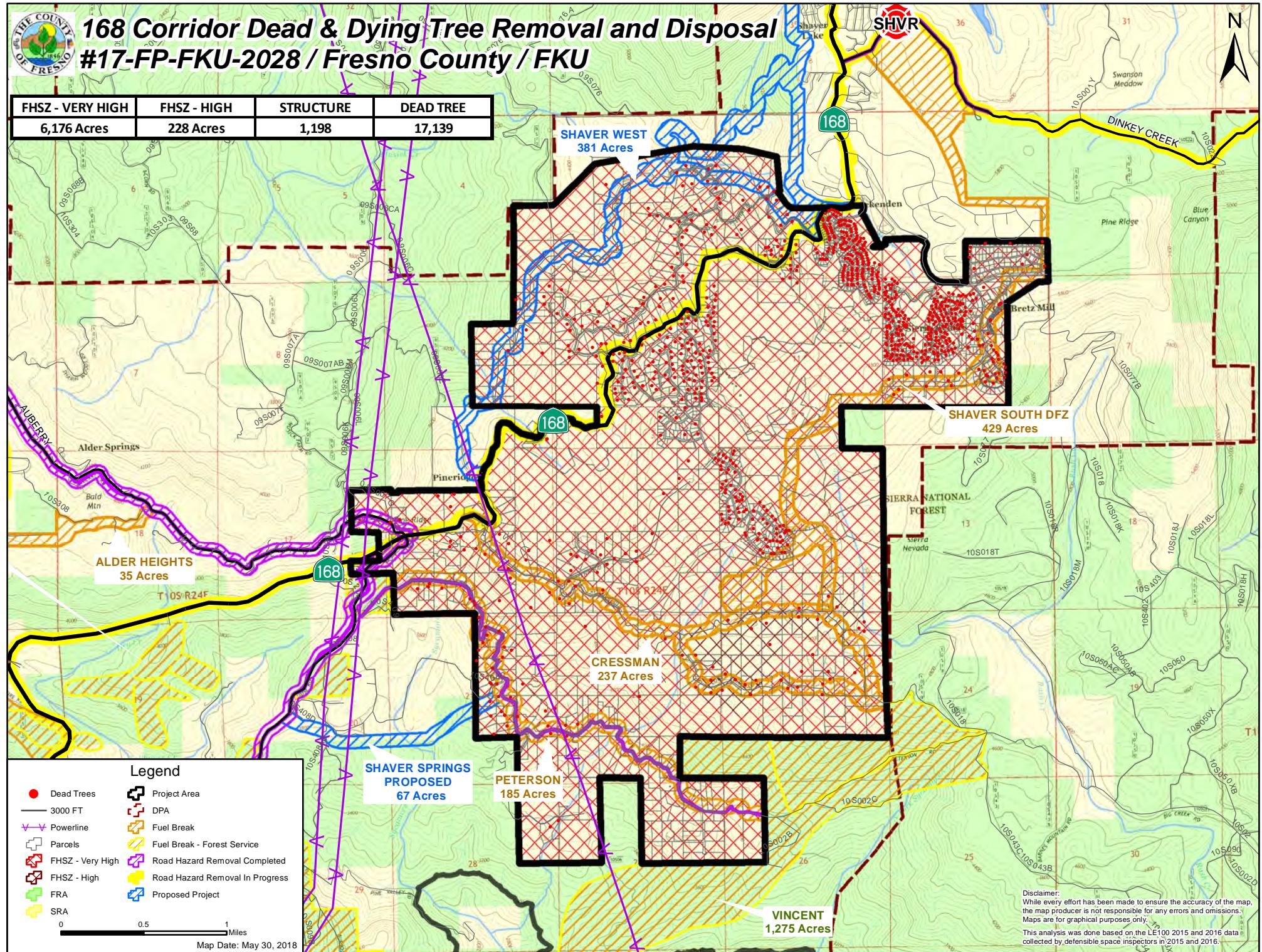
Project Name: 168 Corridor Dead &amp; Dying Tree Removal and Disposal

Budget Category	Item Description	Cost Basis			Cost Share (%)			Funding Source (\$)			Total (\$)
		Quantity	Units	Cost/Unit	Grant	Grantee	Partner	Grant	Grantee	Partner(s)	
<b>A. Salaries and Wages</b>	Staff Analyst - Grant Mgt	750	Hours	\$ 35	0%	100%	0%	\$ -	\$ 26,250	\$ -	\$ 26,250
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Salaries and Wages:							\$ -	\$ 26,250	\$ -	\$ 26,250
<b>B. Employee Benefits</b>		0 Days	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Employee Benefits:							\$ -	\$ -	\$ -	\$ -
<b>C. Contractual</b>		0 Days	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Hours	0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Acres	0	Acres	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Miles	0	Miles	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Contractual:							\$ 750,000	\$ -	\$ -	\$ 750,000
<b>D. Travel &amp; Per Diem:</b>		0 Days	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Days	0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Travel & Per Diem:							\$ -	\$ -	\$ -	\$ -
<b>E. Supplies</b>		0 Each	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Supplies:							\$ -	\$ -	\$ -	\$ -
<b>F. Equipment</b>		0 Each	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Equipment:							\$ -	\$ -	\$ -	\$ -
<b>G. Other Costs</b>		0 Each	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	0 Each	0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Other Costs							\$ -	\$ -	\$ -	\$ -
<b>Total Direct Costs</b>					\$ 750,000	\$ 26,250	\$ -	\$ 776,250			
Indirect Costs (Exclude Equipment)					12%	\$ 90,000			\$ 90,000		
Total Project Costs						\$ 840,000	\$ 26,250	\$ -	\$ 866,250		
Less Program Income						\$ -			\$ -		
<b>Total Grant Proposed Costs</b>						\$ 840,000	\$ 26,250	\$ -	\$ 866,250		



# 168 Corridor Dead & Dying Tree Removal and Disposal #17-FP-FKU-2028 / Fresno County / FKU

FHSZ - VERY HIGH	FHSZ - HIGH	STRUCTURE	DEAD TREE
6,176 Acres	228 Acres	1,198	17,139





# FRESNO COUNTY FIRE

PROTECTION DISTRICT

210 South Academy Avenue  
Sanger, California 93657  
Telephone: (559) 493-4300  
Fax: (559) 875-7451  
[www.fresnocountyfire.org](http://www.fresnocountyfire.org)

June 1<sup>st</sup>, 2018

Department of Forestry and Fire Protection – CAL FIRE  
Attention: Grants Management Unit/Fire Prevention Grants  
P.O. Box 944246  
Sacramento, CA 94244-2460

RE: Letter of Support County of Fresno  
168 Corridor Dead and Dying Tree Removal and Disposal Grant Proposal  
2017/2018 California Climate Investments Fire Prevention Grant Program  
Shaver West Shaded Fuel Break Project

To Whom It May Concern,

The Fresno County Fire Protection District would like to extend support for funding of the 168 Corridor Dead and Dying Tree Removal and Disposal project submitted by the County of Fresno under the 2017/2018 California Climate Investments Fire Prevention Grant Program.

The 168 Corridor Dead and Dying Tree Removal and Disposal project is a collaborative effort between the County of Fresno, Fresno-Kings Unit of CAL FIRE, Sierra National Forest, and the Fresno County Fire Protection District. The purpose of the project is to establish a mechanism where insect killed trees can be appropriately removed and disposed of in a manner consistent with appropriate fuels reduction for the prevention of catastrophic wildfire. This project has been identified as a critical element for community protection from wildfire within the Fresno-Kings Pre-Fire Management Plan and the local Community Wildfire Protection Plan. 168 Corridor Dead and Dying Tree Removal and Disposal also falls entirely within the tier 1 high hazard zone for tree mortality.

Please consider this project for funding for the 2017/2018 Fiscal Year.

Sincerely,

A handwritten signature in blue ink that reads 'Mark Johnson'.

Mark Johnson  
Chief – Fresno County Fire Protection District