



RESOLUTION No. 18-223

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

RESOLUTION AUTHORIZING THE OFFICE OF EMERGENCY SERVICES PROGRAM MANAGER TO SUBMIT A GRANT APPLICATION TO THE CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION, FIRE PREVENTION PROGRAM, TO FUND THE NEVADA COUNTY HAZARDOUS VEGETATION REMOVAL EQUIPMENT PROJECT IN THE TOTAL AMOUNT OF \$90,000 FOR THE PERIOD JULY 16, 2018 THROUGH JULY 19, 2019

WHEREAS, the Office of Emergency Services is responsible for maintaining safety in the County and the County of Nevada has a severe and present danger of wildfire becoming a threat to public health and safety; and

WHEREAS, the County of Nevada is responsible for providing vegetation management along roadways, critical facilities, and administrative buildings and the California Department of Forestry and Fire (CAL FIRE) announced the availability of local fire prevention grant funding through the Fire Prevention Program that would address this funding; and

WHEREAS, the Office of Emergency Services worked in collaboration with Facilities Management and has identified Hazardous Vegetation Removal Equipment Project needs.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Supervisors of Nevada County, that the Nevada County Office of Emergency Services Program Manager is authorized to submit an application for the California Department of Forestry and Fire Protection's Fire Prevention Program in the total amount of \$90,000 for the Hazardous Vegetation Removal Equipment Project, for the period July 16, 2018 through July 19, 2019 and authorizes the Chief Information Officer to execute for and on behalf of the County of Nevada this application and any actions necessary for the purpose of obtaining financial assistance provided by this CAL FIRE Grant. The acceptance of this Grant will be brought to the Board of Supervisors for approval per County policy.

Funding: 0101-10702-415-1000 - 445200

PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 12th day of June, 2018, by the following vote of said Board:

Ayes: Supervisors Heidi Hall, Edward Scofield, Dan Miller, Hank Weston and Richard Anderson

Noes: None.

Absent: None.

Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER
Clerk of the Board of Supervisors

By: 


Edward Scofield, Chair



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. Be sure to include all attachments.

1. Project Tracking #: 17-FP-NEU-XXXX CalMapper ID:

Project Name/Title: Nevada County Hazardous Vegetation Removal Equipment

County: Nevada **CAL FIRE Unit/Contract County:** NEU - Nevada-Yuba-Placer 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 Nevada

Project Manager Title: OES Program Manager

First Name: John **Last Name:** Gulserian

Address 1: 10014 North Bloomfield Rd

Address 2:

City: Nevada City **State:** California **Zip Code:** 95959

Phone Number: (530) 265-1239 **Secondary Phone Number:**

Email Address: John.Gulserian@co.nevada.ca.us **Fax Number:**

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: 07/16/2018

Project Completion Date: 07/19/2019

Tracking #: 17-FP-NEU-XXXX

Project Name: Nevada County Hazardous Vegetation Removal Equipment

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

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"/>
Project Area (acres):	<input type="text"/>	<input type="text"/>	<input type="text"/>
Fuels Treatment Area (acres):	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

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"/> %
High	<input type="text"/>	<input type="text"/> %
Moderate	<input type="text"/>	<input type="text"/> %
Non SRA (Federal or Local Area)	<input type="text"/>	<input type="text"/> %
TOTAL		%

Acres Note: Total acres must be the same as Item 7 Project Area (Acres).
Percent Note: Total % must be 100%

Tracking #: 17-FP-NEU-XXXX

Project Name: Nevada County Hazardous Vegetation Removal Equipment

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

☒ Yes

☐ No

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

Alta Hill, Alta Sierra, Cedar Ridge, Cherokee, Cherry Creek Acres, Chicago Park, Donner, Floriston, Forest Knolls - Banner Mountain, French Corral ... etc (Please see SOW for more info)

Number of Community(ies) at Risk:

43

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):

Skid steer brush mulcher benefits include mulching in place and providing less GHG emissions than hand crew burning biomass. This reduces material going to landfills and supports healthy ecosystems while reducing threats of uncontrollable wildfires.

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 (\$)

Equipment Purchases (\$)

Partners (\$)

Total Project Budget (\$)

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.**

☒ CAL FIRE Unit Strategic Fire Plan

☒ Homeowners' Association Plan

☒ Fire Safe Council Action Plan

☒ County Fire Department Strategic Fire Plan

☒ Local Fire Department Plan

☒ FIREWISE Community Assessment

☒ Other Local Plan (Identify in Scope of Work)

☒ Local Hazard Mitigation Plan

☒ Community Wildfire Protection Plan

Tracking #: 17-FP-NEU-XXXX

Project Name: Nevada County Hazardous Vegetation Removal Equipment

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

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

Original Signature Required: Grantee's Authorized Representative

Date Signed

Printed Name

Title

Executed on:

Date

at

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 "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 for the physical mailing address.

Tracking #: 17-FP-NEU-XXXX

Project Name: Nevada County Hazardous Vegetation Removal Equipment



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



Project Name: Nevada County Hazardous Vegetation Removal Equipment

Project Tracking Number: 17-FP-NEU-XXXX

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

The Nevada County Hazardous Vegetation Removal Equipment Project will focus on the procurement and implementation of a Skid Steer Brush Mulcher. Defensible space and evacuation route clearing specifications were developed by foresters at Cal Fire and delineated through California Public Resource Codes 4290 and 4291. The Vegetation Management Ordinance 2411 was developed in collaboration between the Nevada County Planning Department and the Cal Fire NEU forester. The treatment prescription is for the management of vegetation within 100 -300 feet of structures (dependent upon home siting, vegetation model and overall fuel loading), 10 feet along the road/driveway shoulder with a 15 foot vertical clearance for emergency equipment response. Nevada County also provides roadside vegetation management and must maintain its lands free of hazardous vegetation. Procured equipment (Skid Steer Brush Mulcher) will assist in both County hazardous vegetation maintenance projects along with vegetation abatements on private property as specified in ordinance 2411.

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?

Answer only 1 set of questions from above, depending on your project; Fuel Reduction, Planning or Education.

Nevada County is situated on 978 square miles of diverse and rugged rural lands in the Sierra Nevada Range and has a wide variety of natural vegetation due to the changes in elevation from 300 - 9,100 (mfs). Nevada County's population of over 98,000 resides in 52,590 housing structures. According to Cal Fire's Fire Hazard Severity Zone maps, 8% of the County is living within the moderate zone, 29% in the high zone and 62% in the very high zone. In the unincorporated areas of Nevada County, approximately 28,000 parcels are located within the WUI as defined by the Community Wildfire Protection Plan. According to Cal Fire, Nevada County has over 25,000 structures in the State Responsibility Area, which is the 5th highest county. Therefore, the vast majority of the population, and homes, lie within very high wildfire hazard areas where effects of wildfire would be devastating.

Our project seeks to minimize the impacts of large wildfires and allows firefighters a safer working environment to more effectively combat catastrophic wildfires through vegetation management to reduce fire severity, intensity and rate of spread. The project will support the reduction of hazardous vegetation, while promoting a healthy ecosystem. The primary goals of this strategy are to enhance public safety and improve the effectiveness of fire suppression through hazardous fuels reductions.

The Nevada County Hazardous Vegetation Removal Equipment Project will provide for a cost effective measure to allow for hazardous vegetation removal around county roads, facilities, and will provide residents with cost effective abatement program in comparison to contracted abatement. Currently the county does not have a Skid Steer Brush Mulcher or similar equipment. Because of this the County must utilize a larger labor force and/or contract with an agency to provide these services.

The County of Nevada maintains roadways, critical facilities, and administrative buildings. This includes treatment plants, water supplies, areas near power lines, communication facilities and community centers. The County also provides hazardous vegetation abatement on private lands per Ordinance 2411. The Skid Steer Brush Mulcher assists in vegetation management in these areas.

A Skid Steer Brush Mulcher requires fewer personnel to and less time to operate in comparison to traditional vegetation management operations. Faster vegetation management and mulching will add to our county's capabilities. A Skid Steer Brush Mulcher applies less ground pressure (than a tractor), and do not typically rut the soil, making them ideal for environmentally-sensitive areas. These machines also process around existing vegetation without damaging keeper trees.

The Skid Steer Brush Mulcher will mulch brush and competing scrubs underneath tree canopy. Benefits to a Skid Steer Brush Mulcher include mulching in place; it is more effective and efficient than a wood chipper and provides less GHG emissions than a traditional hand crew burning the woody biomass. The Skid Steer Brush Mulcher can also mulch scotch broom, black berries, and several levels of undergrowth. Biomass will not be transported and will instead be used as mulch. This will result in the soil maintaining more moisture thus supporting healthy and mature trees.

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?

Consensus among planning efforts to address the wildfire hazard through fuels reduction efforts are contained in the Nevada County Local Hazard Mitigation Plan Update 2017, the CAL FIRE Nevada Yuba Placer Unit Fire Plan and the Fire Safe Council of Nevada County's Countywide Community Wildfire Protection Plan. Vegetation management, and landowner assistance is stated as a priority in each plan. The Nevada County Hazardous Vegetation Removal Equipment Project will provide for a cost effective measure to allow for hazardous vegetation removal around county roads, facilities, and will provide residents with cost effective abatement program in comparison to contracted abatement.

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 WUI.

According to Cal Fire's Fire Hazard Severity Zone maps, 8% of the County is living within the moderate zone, 29% in the high zone and 62% in the very high zone. Nevada County has 43 communities considered at risk this includes: Alta Hill, Alta Sierra, Cedar Ridge, Cherokee, Cherry Creek Acres, Chicago Park (Pinecrest), Donner, Floriston, Forest Knolls - Banner Mountain, French Corral, Glenbrook, Glenshire-Devonshire, Gold Flat Nevada, Grass Valley, Higgins Corner (Wolf), Hirschdale, Hobart Mills, Kingvale, La Barr Meadows, Lake City, Lake of the Pines, Lake Wildwood, Mooney Flat, Nevada City, Newtown, Norden Nevada 2001, North Bloomfield Nevada, North Columbia Nevada 2001, North San Juan, Peardale Nevada 2001, Penn Valley, Prosser Lakeview Estates, Red Dog, Rough and Ready (Bitney Corner), Sherwood Forest, Soda Springs, Sweetland, Truckee, Union Hill, Washington, Willaura Estates, Willow Valley - Cascade Shores, and You Bet.

Historically, Nevada County's ecosystems have been kept healthy and in balance by a variety of natural disturbances, including fire. Over the last two centuries, this balance has been affected by human disturbance through fire exclusion and effective fire suppression. More importantly, altered fire regimes can destabilize ecosystems and landscapes, thus creating conditions that may promote unprecedented catastrophic wildfire disturbance events, and subsequent mudslides from soils destabilized from high intensity wildfire.

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?

Project includes \$9,000 matching funds from Nevada County Facilities Management Budget. Though not required, these funds show a good faith effort on behalf of the County to fully execute this project. Should grant be awarded, Nevada County will advertise award through press releases, social media and website. Our local non-profits, incorporated cities and districts will also be informed of this award. As the project is specific to procure a Skid Steer Brush Mulcher, the County will provide regular maintenance on the equipment and has supporting staff and local vendor contracts to support with differing levels of maintenance. It is to the County's advantage to have the Skid Steer Brush Mulcher operate as long as possible. Vegetation management through the Skid Steer Brush Mulcher will be coordinated with county priorities and will involve work in and near incorporated areas and throughout fire districts. Additionally the county will continue to coordinate with HOA neighborhoods and non-profits such as Fire Safe Council to understand priority clearance areas.

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?

Implementation of this project will focus on six specific actions 1) Grant Award 2) Development of Bid Documents 3) Submit Request for Bid 4) Choose Applicable Vendor 5) Procure Material and 6) Project Closeout. Upon grant award County of Nevada will allocate \$9,000 as matching funds for this project and will begin necessary financial tracking associated with this program. Once this is conducted the county will then formally develop a material bid package for the specified Skid Steer Brush Mulcher. After bid documents have been internally approved the County will move forward with an open material bid. Once all bids are gathered the County will select the vendor per local, state, and federal regulations. The County will then issue purchase order to selected vendor and will track material estimated time of arrival. Once material and final invoices are received the County will work with Cal Fire administrative staff to financially close project. The anticipated timeline for the project is 12 months and will not be impacted by seasonal changes. Skid Steer Brush Mulcher will be procured by CARB regulations and does not require California Environmental Quality Act documentation.

Although the procurement will last approximately 12 months, the Skid Steer Brush Mulcher will be utilized throughout the duration of its equipment life on a multitude of projects. Examples of projects the Skid Steer Brush Mulcher will be utilized include Defensible Space along County Facilities, Defensible Space at NSJ Medical Center, Roadside Vegetation Management, and vegetation abatement. Currently the County does not have proper defensible space around its own facilities let alone areas covered by Ordinance 2411. The County already has proper personnel and training to operate the equipment. The Skid Steer Brush Mulcher will be utilized regularly throughout the county.

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.

The County of Nevada OES department prides itself on the timely completion of grant funded projects while reaching desirable milestones as outlined in previous grants. Nevada County OES regularly applies for, receives, and manages the Emergency Management Performance Grant, and the Home Land Security Grant. Every effort is made to ensure equipment purchases are conducted within Federal, State and local level policies.

John Gulserian, Program Manager of Nevada County's Office of Emergency Services will manage this grant. Gulserian served for 21 years in the U.S. Army, where his duty station was in Anchorage, Alaska, where he served as an advisor to the National Guard and a liaison to the state's emergency operations center. Communication grew between local and state governments and the military after 9/11. Gulserian then switched careers to emergency services after leaving the army and began working in Butte County in 2004. In 2016 Gulserian became the Program Manager for Nevada County's Office of Emergency Services and is considered one of most experienced and knowledgeable OES directors in the state.

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.

Budgeted grant funds will be solely spent on equipment and will not include salary, benefits contracts, travel or supplies. Equipment to be procured includes (1) Skid Steer with a horsepower power rating of 95 budgeted at \$60,000 and (1) Brush Mulcher Attachment budgeted at \$30,000. Skid Steer is budgeted at \$60,000, while it is proposed that the granting agency will cover 90% of this cost (\$54,000) and the County of Nevada will provide 10% in matching funds (\$6,000). The Brush Mulcher Attachment is budgeted at \$30,000, while it is proposed that the granting agency will cover 90% of this cost (\$27,000) and the County of Nevada will provide 10% in matching funds (\$9,000). The total project cost is projected at \$90,000 with the granting agency providing 90% of the funds at \$81,000, and the County of Nevada providing the remaining 10% at \$9,000. The County of Nevada has both the staffing and funding available to properly maintain this equipment through the course of its lifetime and will conduct regular maintenance.

Costs for material are considered reasonable and is listed at the industry standard cost. We are confident that the budgeted amount will achieve the objectives of the project. As equipment procured will reduce, contractor costs, GHG emissions and related labor for large scale vegetation management, the total project cost appropriate for the size and scope of this project. Project does not include indirect costs and any administrative expenses will be covered by County of Nevada.

Our project allocates all funds to the equipment budget category and does not include other budgeted categories. Equipment supplied will directly benefit current County of Nevada vegetation management responsibilities. Equipment will allow us to expand our current responsibilities due to lower vegetation removal costs. Our project seeks to minimize the impacts of large wildfires and allows firefighters a safer working environment to more effectively combat catastrophic wildfires through vegetation management to reduce fire severity, intensity and rate of spread. This equipment will support the reduction of hazardous vegetation, while promoting a healthy ecosystem.

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?

Skid Steer Brush Mulcher will mulch brush and competing scrubs underneath tree canopy. Benefits to a Skid Steer Brush Mulcher include mulching in place, a more effective and efficient than a wood chipper while providing less GHG emissions than a traditional hand crew burning woody biomass. Biomass will not be transported and will instead be used as mulch. This will reduce material going to landfills and improving air quality and does not require GHG emissions caused by transport.

Mulch will also result in the soil maintaining more moisture thus supporting healthy and mature trees. The causality of this includes mandating healthy trees ensuring future carbon storage and resilient areas of forested land. Aside from soil moisture retention, mulch will also provide erosion control and weed mitigation. The Skid Steer Brush Mulcher will treat vegetation along roads and driveways to improve site access and firefighting. Moreover County maintenance will assist in the reduction of emissions caused by uncontrollable wildfires.

The following US Census Tracts located in Nevada County are considered low-income communities: 6057000105, 6057000501, 6057000502, 6057000600, and 6057000900. Low-Income residents would directly benefit from this program as it provides for lower fire hazard abatement costs, provides public safety for potential wildfire areas, and assists in maintaining critical infrastructure.

Tracking #: 17-FP-UUU-XXXX

Project Budget

Project Name: Nevada County Hazardous Vegetation Removal Equipment

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											
		0	Hours	\$ -	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 Salaries and Wages:								\$ -	\$ -	\$ -	\$ -
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											
		0	Report	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Acres	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Miles	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Contractual:								\$ -	\$ -	\$ -	\$ -
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											
	Skid Steer - Specifications: Horsepower 95, Tipping Load 9143, Rated Operator Capacity 35% @ 3200 50% @4570, Track Width 17" Hydraulic Pressure Brush Mulcher Attachment - Specifications: Built-In Relief Rotor Width 60, Minimum Engine HP 65, Cutting Depth Level to 2", Below Rotor Shaft Size 2.5", Rotor Diameter (tool	1	Each	\$ 60,000	90%	10%	0%	\$ 54,000	\$ 6,000	\$ -	\$ 60,000
		1	Each	\$ 30,000	90%	10%	0%	\$ 27,000	\$ 3,000	\$ -	\$ 30,000
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Equipment:								\$ 81,000	\$ 9,000	\$ -	\$ 90,000
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%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Other Costs								\$ -	\$ -	\$ -	\$ -
Total Direct Costs								\$ 81,000	\$ 9,000	\$ -	\$ 90,000
Indirect Costs (Exclude Equipment)							0%	\$ -		\$ -	
Total Project Costs								\$ 81,000	\$ 9,000	\$ -	\$ 90,000
Less Program Income								\$ -			\$ -
Total Grant Proposed Costs								\$ 81,000	\$ 9,000	\$ -	\$ 90,000

Grant Application Request/Notice



- ☒ New Competitive Grant Application
☐ New Non-competitive Grant Application
☐ Annual Renewal Grant Application (per BOS Reso # _____)
☒ Electronic Submission (ie. Grants.gov etc.)

Application Due Date: March 16, 2018

Department Name: IGS

Office 2: OES

GRANT BACKGROUND INFORMATION:

Contact information for Grantor:

Name: John Gulserian
 Address: 10014 North Bloomfield
 Nevada City, CA 95959
 Phone: 530-265-1515

Grant Amount:

\$90,000

Funding Type:

- ☐ Federal:
 CFDA # _____
☒ State
☐ Other

Funding Period:

From: July 16, 2018
 To: July 19, 2019
 Is grant expected to renew?
☐ Yes ☒ No

Source(s) of matching funds:

Facilities Maintenance Funds

Amount(s) of match:

\$ 9,000

In-Kind?

☐ Yes ☒ No

GRANT PROGRAM DESCRIPTION:

Describe the program to be funded through this grant (include who will be served and what services will be provided):

CAL FIRE, California Climate Investment Fire Prevention Program to purchase:

QTY 1 Skid Steer specified at 95 horsepower: \$60,000

QTY 1 Brush Mulcher Attachment: \$30,000

\$81,000 Grant Funds + \$9,000 Matching Funds = \$90,000 Procurement Budget

The Nevada County Hazardous Vegetation Removal Equipment Project will focus on the procurement and implementation of a Skid Steer Brush Mulcher. Mulcher consists of Skid Steer and a Brush Mulcher attachment. Project equipment will support the reduction of hazardous vegetation, while promoting a healthy ecosystem.

GRANT FUNDING ANALYSIS:

Does funding include: ☐ Yes ☒ No If applicable, what percentage?

Administrative costs?

Describe limitations on allowable

administrative costs:

Grant does not have a matching requirement; however is considered very competitive. It is proposed that the county provide a 10% match at \$9,000 to be competitive in this grant. The cost share will be funded through Facilities Maintenance Funds and equipment will be transferred to this department.

Describe funding sustainability:

Funding in grant will not reoccur.

GRANT PROGRAM STAFFING:

What staff will be assigned to grant program?

Job Title

John Gulserian

% FTE

100

Temporary?

- ☐ Yes ☒ No
☐ Yes ☐ No
☐ Yes ☐ No

New hire?

- ☐ Yes ☒ No
☐ Yes ☐ No
☐ Yes ☐ No

I hereby approve submittal of this grant application per the authority granted by BOS Resolution _____.

Department Director's Signature: _____

Date: 5/16/18

CEOs Signature: _____

Date: 5/18/18

Grant Application Log # (see CEO I Drive) A-18-414-456

Dept. provided complete copy of application to Auditor/Controller on _____ (date)

By: _____ (name)