

Fire Safety Preparedness and Prevention Program.

Climate Change Disaster Prevention Grant - 2018

Tehama County Fire Department

Christine Thompson
604 Antelope Blvd
Red Bluff, CA 96080

christine.thompson@fire.ca.gov
O: 530-528-5199
M: 530-200-2500

Erick Puckett

604 Antelope Blvd
Red Bluff, CA 96080

erick.puckett@fire.ca.gov
O: 530-528-5199
M: 530-200-2515

Application Form

Question Group

Fire Department or Fire Association Name*

Tehama County Fire Department

Name of person completing this application*

Erick Puckett

Affiliation with Fire Department or Fire Association*

Battalion Chief, CAL FIRE(TCFD has a cooperative fire protection agreement with CAL FIRE)

Fire Department or Fire Association Size*

111

Website

tehamacountyfire.org

Project Name*

Fire Safety Preparedness and Prevention Program.

Provide an overview of your project*

Please explain how your project will help mitigate climate change natural disasters in your local community, and how it will increase public safety awareness.

The below examples illustrate only a few possibilities and are not representative of all program options.

- Better land-use planning regarding planting vegetation near power lines.
- Clearing grass and brush near homes
- Removal of dead or dying trees that threaten community roads and other evacuation corridors.
- Rebates/education on fire-retardant roofs for homes and businesses
- Specialized firefighting equipment, or other fire safety and disaster preparedness and prevention programs

Tehama County Fire Department (TCFD) is an all-risk combination department which provides emergency services that cover 3000 square miles, has 20 communities with a total population of approximately 38,000 people. Tehama County is predominately a rural county with much of the revenues coming to the budget from residential and some commercial property taxes. TCFD budget expenditures have historically been fiscally conservative and responsible. The majority of the county fire budget is spent on public safety personnel costs.

The Tehama County Fire Prevention Bureau provided smoke alarms free of charge to low income residents in Tehama County from 2010 through 2015. Prior to 2015, an average of 200 smoke alarms were given out each year in Tehama County. These smoke alarms were powered by 9 volt batteries. On July 1, 2015, a California State Law went into effect requiring all smoke alarms sold in California to have sealed 10-year lithium batteries. Although the smoke alarms provided to low income residents were given free of charge, all existing stock had to be given out prior to July 1, 2015 to meet the requirements of the new law. Tehama County Fire Department(TCFD) has been without smoke alarms to provide to low income residents since July 1, 2015 due to lack of funding. Smoke alarms were provided to Unit Headquarters and Fire Stations to give to the public, as well as given out at community events throughout Tehama County. In 2009-2013, smoke alarms sounded in more than half (53%) of the home fires reported to U.S. fire departments. According to the National Fire Protection Association(NFPA) three of every five home fire deaths resulted from fires in homes with no smoke alarms or no working smoke alarms. No smoke alarms were present in more than one-third (38%) of the home fire deaths. One of every five (21%) of the home fire deaths, smoke alarms were present but did not sound. In reported home fires in which the smoke alarms were present but did not operate, almost half (46%) of the smoke alarms had missing or disconnected batteries. Nuisance alarms were the leading reason for disconnected smoke alarms. Lithium battery smoke alarms have a sealed battery compartment that never requires the battery to be changed during the 10-year life of the battery and smoke alarm.

Beginning July 1, 2011, at least one carbon monoxide alarm was required in all existing single-family dwellings with either a fuel-burning heater, fuel-burning appliance, fireplaces or an attached garage. All other single-family dwellings were required to have at least one carbon monoxide alarm installed by July 1, 2013. According to the CDC, on average 430 people die each year in the United States from carbon monoxide poisoning with 20,000 to 30,000 sickened by accidental carbon monoxide poisoning. TCFD would like to purchase combination smoke and carbon monoxide alarms to give out free of charge to low income residents within Tehama County.

In 2016 and 2017 TCFD responded to a total of 107 structure fires, 56% of those had smoke alarms within the home. Only 36% of those with alarms were actually in working condition. Of those 107 fires, 18% had working carbon monoxide detectors.

TCFD attends numerous fairs and festivals, as well as going to local schools throughout Tehama County annually providing fire safety education to approximately 38,322 residents. In 2016 and 2017 the Fire Prevention Bureau logged 2,984 prevention hours, this includes providing 20 school presentations annually. Personnel conduct approximately 4000 defensible space inspections annually in State and County jurisdictions. Fire prevention materials are given out to all age groups during these events and inspections to educate the public on fire safety both inside and outside their homes. Materials are also provided to Fire Stations for any local residents to obtain. Fire safety education materials are given to local home owners associations, real estate offices, and insurance agents to provide to their clients. Due to limited funding, the inventory of fire prevention/safety educational materials are dwindling and in need of restock/replacement.

TCFD would like to purchase smoke/carbon monoxide detectors and prevention/safety education materials to distribute at the many public events throughout the year. Our project will help mitigate climate change from natural disasters through public education. The contact with residents allows a personal touch of education that spread's the Fire Prevention message both in and out of the home. The success of the program lies in the reduction of structure and wildland fires. This reduction will help reduce natural disasters before they ever start. Each ignition has the potential to become a conflagration causing death, destruction and fueling global climate change.

Purpose for Funding*

Summarize in one sentence the specific purpose for which you are requesting funding.

To provide free of charge to low income residents, 10 year Smoke/Carbon Monoxide combination detectors and provide fire prevention/safety education materials at public events.

What specific outcomes do you expect to achieve?*

When describing your outcomes, think SMART - Specific, Measurable, Attainable, Realistic, and Time-bound.

The distribution of Fire Prevention messages and combination alarms will potentially reduce injuries, saves lives and reduce property damage. Both efforts are trackable by internal processes of data collection. Through this collection, information is analyzed which allows us to validate our programs and make necessary adjustments.

Project Start Date*

10/01/2018

Project End Date*

10/01/2020

Timing of Project

Provide any additional information you want us to know about the timing of your project.

Length of project will be determined by the distribution at public events, incipient fire suppression responses, smell of gas or smoke check incidents and fire station and school presentations. Project will likely last 2 years or until supplies run out.

Geographic Area Served*

Please select the counties your project will impact

Tehama

Provide the name(s) of the city (or cities) your project will impact.*

Rural communities of-Bowman, Lake California, Antelope, Ridgeway, Dairyville, Los Molinos, Corning, Gerber, Tehama, Vina, Rancho Tehama, El Camino, Richfield, Paynes Creek, Manton, Mineral, Bend, Dibble Creek, Paskenta and Fournoy

Population Served

If known, please provide the demographic breakdown of who this project will serve.

The project will serve 20 communities within Tehama County consisting of a population of 38,322

Average age 40.6

Number of Companies/Business's-2087

Percentage of High School Graduates-82.9

Number of Housing Units-18,271

Average yearly income-\$34,110

Percentage of poverty-28.3

Number of veterans-3544

Key Management*

Please list key management personnel that will be involved with or overseeing the project, including their rank and title.

Battalion Chief Mark Frits, Tehama Glenn Unit/Tehama County Fire Department Fire Prevention Bureau Chief.

Similar Successful Project*

Please provide a brief example of a successful project similar to the one you are proposing. This can describe a project that your department or association has been involved with, or a project that you have researched. Please include the project's cost in your description (if known).

Distribution of fire prevention materials has been a continuous project for many years in the county. The success is hard to gauge since the project has been ongoing for decades and the connection of public contact to prevention results. However the distribution of approximately 1,000 smoke alarms over 5 years indicates that there is a significant need in the counties population which has a direct connection to the reduce number of fire fatalities.

Promotion/Media Engagement Plan*

Please describe promotion/media engagement plan as it pertains to the grant if it were to be awarded to your department or association. Include name and contact info of PIO or point of contact for this. The California Fire Foundation will provide support to develop or assist you with executing your plan.

Our plan consists of distribution of requested items at public safety fairs, county fairs, school presentations, recruitment events, all county fire stations, media releases and individual contact with residents during incidents. Working under the direction of Battalion Chief Mark Frits is Fire Prevention Specialist II Kevin Colburn. Kevin is the departments PIO and is responsible for coordinating public events focused on fire prevention.

Total Project Budget*

\$14,923.07

Amount Requested*

What is the total amount you are requesting from the California Fire Foundation?

\$14,923.07

Please provide your detailed project budget here*

Click on the example budget template link to download, then either use it or provide a similar budget and upload it here.

TCFD-Budget-PG&E.xlsx

Reasoning for Proposed Budget*

1) Explain how the grant funds, if awarded, will be spent to support the goals and objectives of the project (reviewing your project outcomes, previously listed in the application, could be helpful in answering this particular budget question).

2) If the California Fire Foundation is only able to grant your department or association a percentage of the overall project cost, will you be able to fund the remaining cost of the project? If so, how do you plan to do this?

If grant funds are awarded, all the available funds will be used to purchase and distribute smoke/CO2 alarms and Fire Prevention messages. Purchasing these items are critical to meet our goal of reducing fire fatalities and property damage within Tehama County. If a partial awarded is granted, the difference of requested funds will go unfunded. At this point there are no additional funding mechanisms. With a partial award our goal of reduction of fire fatalities and property damage will likely be met.

Additional Information (optional)

Please provide any additional information for consideration. This is optional.

File Attachment Summary

Applicant File Uploads

- TCFD-Budget-PG&E.xlsx

Tehama County Grant Project Request

Fire Department or Fire Association Name: Tehama County Fire

Project Name: Fire safety preparedness and prevention program.

PROJECT EXPENSES		% of Total Expenses		Total
Personnel		0.00%		
Facilities/Occupancy		0.00%		
Equipment/Supplies		100.00%		
273 Smoke/Carbon Monoxide Detector	\$9,972.69			
Safety Educational materials				
2500 Erasers	\$1,075.00			
2400 Plastic Fire Helmets	\$1,290.00			
2160 Pencils	\$419.25			
2600 Crayon Boxes	\$768.63			
3000 Plastic Rulers	\$1,397.50			
Printing/Promotion		0.00%		
Administrative Expenses		0.00%		
Other (specify)		0.00%		
TOTAL PROJECT EXPENSES				\$14,923.07
SOURCES OF PROJECT REVENUE	Secured	Funding		
	Funding	Applied For		Total
California Fire Foundation			=	\$14,923.07
Other Foundations			=	\$0.00
Corporations			=	\$0.00
Individuals			=	\$0.00
Department or Association				
Government Grants			=	\$0.00
Other (specify)			=	\$0.00
Earned Income				
Membership Dues Income			=	\$0.00
In-kind Support			=	\$0.00
Other (specify)			=	\$0.00
Other (specify)			=	\$0.00
TOTAL PROJECT REVENUE				\$14,923.07