



California Fire Safe Council

2019 SFA Grant Program
6/12/2019 deadline

County of Humboldt Phase II Part II: CWPP Implementation

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\$ 50,600.00 Requested
\$ 50,600 Match Amount

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Organization Information [top](#)

1. Type of Organization: Select the appropriate entity. Use the space after the 'Other' checkbox to specify the IRS section (for nonprofits), type of government agency (for government agencies) or describe an entity not listed. Organizations must be incorporated to do business in California and have a Federal Employer Identification Number/Federal Tax Identification Number (FEIN/FTIN). A fiscal sponsor must be identified if the organization does not meet this requirement.

- Nonprofit organization
- Home/Property Owners Association
- Native American Tribe
- Non-Federal Government Agency - Please specify which agency in the 'Explain' box, below
- For Profit Company
- Other - Please specify your unique type or use this box to provide details for the other options above, explain: County of Humboldt

2. List the key individuals (including Board members) that will be involved in this project. Identify a) Name and title, b) Role and responsibilities, c) Whether they are paid (indicate employee or consultant) or volunteer.
With authorization from the Humboldt County Board of Supervisors and guidance and assistance provided by the Humboldt County Fire Safe Council (HCFSC), County staff from the Division of Natural Resources Planning will fill the administrative and project management role for the Clearinghouse grant funds, if awarded. Natural Resources Planning Manager, Cybelle Immitt, will be the lead on this project and will be responsible for administering funds and coordinating with project partners. Cybelle has over fifteen years of grant management and project development experience and has guided numerous community wildfire protection plan (CWPP) projects through to successful completion. Environmental Analyst, Julia Cavalli, will assist in tracking

match and expenses, preparing reports and invoices, and maintaining auditable project records. These are paid positions of the County of Humboldt.

The HCFSC will support project implementation by providing guidance based on their various fields of expertise and knowledge of the Humboldt County Community Wildfire Protection Plan (CWPP). The HCFSC will also be consulted during the project location identification phase. The HCFSC includes representation from federal, state and local agencies and organizations that have a role and interest in community wildfire preparedness and/or wildfire management. HCFSC members include: Barbara Darst, member of the Willow Creek Fire Safe Council (FSC); Bill Eastwood, Project Coordinator with the Southern Humboldt FSC; Dorie Lanni, Emergency Services Manager with Humboldt County Office of Emergency Services; Ed Laidlaw, Fire Marshal for the Arcata Fire Protection District; Kai Ostrow, Firefighter/Technical Rescue Chief with the Briceland Fire Protection District and the Southern Humboldt Technical Rescue Team; Ian Sigman, Business Owner/Farmer with the Lower Mattole FSC and the Honeydew Fire Company; Lyn Javier, Van Duzen Watershed FSC member; Lon Winburn, Chief of the Fortuna Fire Protection District; Manny Mello, Certified Insurance Counselor with Northwest Insurance; Mike Lake, Chief of Fruitland Ridge Fire Protection District; Chris Ramey, CAL FIRE Pre-Fire Planning Battalion Chief; David Markin, Fire Prevention and Training Officer with Six Rivers National Forest; Rod Mendes, Director/Chief with Hoopa Tribe Office of Emergency Services and the Hoopa Fire Department; Will Harling Director of the Orleans/Somes Bar FSC and the Mid Klamath Watershed Council; and Tom Mattson, Director of Humboldt County Public Works. Membership on the HCFSC is not monetarily compensated but their involvement will be tracked as an in-kind match contribution. Some members volunteer their time and others participate in the capacity of their paid employment.

Local community stakeholders will volunteer their time to participate in project planning and implementation. The County of Humboldt is committed to tracking this contribution. Based on our record of strong community partnership and collaboration, we are confident that stakeholders will take part in planning chipper days, helping us identify appropriate candidates for defensible space assistance, collaborating with partners in the activities associated with completing Firewise applications, and distributing educational materials and messages to their networks. Many potential local partners were identified during our recent CWPP update process and we will be picking up where we left off with the implementation of this project.

Contractors/consultants will be hired to complete the on-the-ground work associated with "Chipper Days" and creating defensible space. Additionally, contractors will be hired to assist with the completion of Firewise risk assessments, action plans, and applications. Lastly, a registered professional forester (RPF) will be hired to support County staff with environmental compliance review. The hiring of these contractors will conform to the Humboldt County purchasing policy and every effort will be made to ensure that they have local knowledge and trust within the target communities.

The Humboldt County Board of Supervisors will ultimately approve the grant agreement if this proposal is selected for funding and will not be paid out of the grant funds. The Board is comprised of five, full-time members including Rex Bohn, Estelle Fennell, Mike Wilson, Virginia Bass, and Steve Madrone. The Board enacts legislation governing Humboldt County and determines overall policies for County departments. The Board created the HCFSC in 2002 and appoints its members to oversee the maintenance and implementation of the Humboldt County CWPP.

3. Enter the name, title and affiliation of the person writing and submitting this grant.

Cybele Immitt, Natural Resources Planning Manager, Public Works Director designee on the Humboldt County Fire Safe Council and staff support for the same.

Organizational Capacity

4. Enter the applicant organization's formation date and date of incorporation.

The County of Humboldt was incorporated on May 12, 1853.

5. Describe 2 major accomplishments achieved through federal grants and 2 major accomplishments achieved through non-federally funded grants in the past 5 years.

Indicate source(s) of funding, amount(s) and year(s) received, and if applicable, CFSC grant number(s).

The County of Humboldt has been fortunate to benefit from several years of funding for its "Fire-Adapted Landscapes and Safe Homes", or FLASH, program. This program has been supported by four Forest Service State Fire Assistance grants through the CFSC Grants Clearinghouse (10USFS-ES507 in 2010 for \$300,000; 12USFS-SFA0074 in 2012 for \$195,000; 14SFA0079 in 2014 for \$200,000; and 16SFA56513 in 2016 for \$127,800). Implementation of the FLASH Program has resulted in nearly 800 acres of hazardous fuels reduction on residential properties, hundreds of home wildfire risk assessments in the wildland-urban interface, and nearly 700 site visits conducted by FLASH field technicians to recommend and monitor prescription recommendations.

County special project grant funding has also been used to accomplish multiple wildfire mitigation goals. One recent noteworthy accomplishment has been the production of the second (2017) and third (2019) editions of "Living with Wildfire in Northwestern California". The second edition of Living with Wildfire was collaboratively developed by the County of Humboldt (Humboldt County Fire Safe Council), CAL FIRE, and Six Rivers National Forest; the third edition also included Del Norte Fire Safe Council, Hoopa Fire Department, and the Yurok Wildland Fire Program. The primary purpose of the publication is to help

reduce human-caused wildfires, increase homeowner participation in efforts to create wildfire-resilient communities, and increase visitor awareness of fire safety and prevention. Rural residents who live in High to Very High fire hazard severity areas can use this publication to make improvements (or find the right person or organization to help them) to mitigate potential damage from wildfire and prepare for evacuation. Thousands of copies of the third edition, published in April 2019, are currently being distributed throughout the county. It can also be found on the web at: humboldt.gov/livingwithwildfire. Innumerable hours of state and federal staff time went into the creation of the Living with Wildfire publication and the County invested approximately \$6,000 into the effort of producing the two editions.

A second non-federally funded accomplishment is the recent effort to update the Humboldt County Community Wildfire Protection Plan. This project was funded by the CAL FIRE State Responsibility Area Fire Prevention Fund (\$75,961 – 16-HUU-0072) and County special project grant funding (\$78,000). In addition, over \$74,000 of in-kind community partner and Humboldt County Fire Safe Council project participation was documented. These funds and in-kind contributions supported a robust collaborative process that produced a comprehensive plan to increase wildfire preparedness in Humboldt County over the next five years. The final plan is available online: humboldt.gov/fireplanfinal.

The County currently has two grants in progress, which we hope to add to this list of accomplishments in the future. Clearinghouse funds currently support a prescribed fire outreach and education program that serves as a compliment to the prescribed fire training efforts of our partner, UC Cooperative Extension (18-SMG-123210 for \$55,000). A recently awarded grant from CAL FIRE California Climate Investments (CCI) program will fund defensible space, education, and roadside fuel reduction, as identified in the 2019 CWPP. Our hope is to match a portion of the CAL FIRE funding with this proposed project to amplify the scope and impact of the work.

We are confident that we can incorporate the proposed project into our program without overtaxing our resources and workload. We have a flexible structure that allows us to add staff or shift staff duties within the organization as needed and as resources become available.

6. List any current, open grants with their funded amount and anticipated closing date.

California Fire Safe Council "Restoration of Beneficial Fire 2018" (18-SMG-123210 for \$55,000, closing December 31, 2020)

CAL FIRE California Climate Investments (CCI) Program - "Phase II: CWPP Implementation Project" (\$497,102.00, closing March 15, 2022)

Fiscal Sponsor Information

7. Does the applicant organization have a fiscal sponsor? (If your organization does not meet the requirements listed under #1, you must identify a fiscal sponsor that has legal standing and can act as financial administrator in questions#8-15.)

The applicant organization and the fiscal sponsor will decide on the fiscal sponsor's role and memorialize the arrangement in a formal agreement. The agreement must be signed by both parties and submitted with this application.

- Yes, the applicant organization has a fiscal sponsor.
- No, the applicant organization does not need a fiscal sponsor.

8. Fiscal Sponsor Contact. Provide the name, title, email address and phone number of the primary contact for the Fiscal Sponsor Organization and administrative contact information if different from the primary contact.

Next, provide the organization name, mailing address, phone and website for the Fiscal Sponsor.

N/A

9. List the fiscal sponsor's key individuals (including Board members) that will be involved in this project. Identify a) Name and title, b) Role and responsibilities, c) Whether they are paid (indicate employee or consultant) or volunteer.

N/A

10. Fiscal Sponsor Organization Type: Select the appropriate entity. Use the space after the "Other" checkbox to specify the IRS section and IRS number (for nonprofits), type of government agency (for government agencies) or describe an entity not listed

Fiscal Sponsors must be incorporated to do business in California and have a Federal Employer Identification Number/Federal Tax Identification Number (FEIN/FTIN). The fiscal sponsor must have legal standing to apply for a grant from the CFSC.

- Nonprofit Organization – Please specify which IRS section in the “Explain” box, below
- Home/Property Owners Association
- Native American Tribe
- Non-Federal Government Agency – Please specify which agency in the “Explain” box, below

- For Profit Company
- Other – Please specify your unique type or use this box to provide details for the other options, above, explain: N/A

11. Enter the fiscal sponsor's Commercial and Government Entity (CAGE) code and expiration date, and their DUNS number. For information on obtaining a DUNS number, go to <http://fedgov.dnb.com/webform>.

The fiscal sponsor must be registered with the US Department of General Service's System for Award Management (SAM) program which issues CAGE codes for contractors and grantees. To register with SAM, go to: <http://www.sam.gov>.

| | |
|-----------------------------------|------------------------------|
| <input type="text" value="N/A"/> | CAGE Code |
| <input type="text" value="N/A"/> | Expiration Date (mm/dd/yyyy) |
| <input type="text" value="N/A"/> | DUNS number |
| <input type="text" value="0.00"/> | TOTAL |

Fiscal Sponsor Capacity

12. When was the fiscal sponsor organization formed or incorporated? Enter the date and the year of the fiscal sponsor's formation.

CFSC has a legal responsibility to its federal grantors to make grants to organizations that demonstrate the ability to effectively manage grant funds and projects from start to finish.

N/A

13. Describe 2 major accomplishments achieved through federal grants and 2 major accomplishments achieved through non-federally funded grants within the past 5 years.

Indicate source(s) of funding, amount(s), and year(s) received, and, if applicable, CFSC grant number(s) for the Fiscal Sponsor.

N/A

14. Enter the fiscal sponsor's current, open grants with their funded amount and anticipated closing date.

N/A

15. Services provided by the fiscal sponsor. Check all that apply.

Check all that apply. 'P' denotes that the fiscal sponsor will be paid for the service. 'D' denotes that the service will be donated by the fiscal sponsor.

- P- Accounting Services
- P- Prepare Match/Cost Share Reports
- P- Prepare Progress Reports and Closeout Report
- P -Project Management
- P - Bid Solicitation and Contracting
- D - Accounting Services
- D- Prepare Match/Cost Share Reports
- D- Prepare Progress Reports and Closeout Report
- D- Project Management
- D- Bid Solicitation and Contracting
- Other - Please denote paid (P) or (D) donated and explain: N/A

Project Information [top](#)

Project Description

1. Type of Project

- Education only
- Fuel Treatment only
- Planning only
- Education and Fuel Treatment
- Education and Planning
- Fuel Treatment and Planning

✓ Education, Fuel Treatment, and Planning

2. If this is an ongoing or maintenance project, identify the name and the grant number of the project under which the earlier parts of the project were funded.

If this is not an ongoing or maintenance project, type "N/A".

N/A

3. Describe your project and how it will reduce the wildfire risk in the project area

Please provide a specific description of the project including the project size and location, collaborator's roles and responsibilities, planning, education, or fuel treatment methods that are part of the project.

With the Humboldt County Community Wildfire Protection Plan (CWPP) newly refreshed and the Humboldt County Fire Safe Council and local stakeholders as engaged as ever, the County of Humboldt is eager to harness the energy of this moment. The proposed project is designed to kick off the implementation of the recently updated CWPP with a burst of activity.

Specific model project locations will be selected through the evaluation of the action plans developed for each of the 14 planning units within the county—geographic units of analysis developed for the purposes of localized fire planning—which include digitized community-identified projects accessible through the County WebGIS (http://webgis.co.humboldt.ca.us/HCeGIS2.6_cwpp). Project sites will be selected based on level of wildfire risk; community priority (as identified in the CWPP) and likely levels of participation; and feasibility of project completion within the project timelines. A chipper day will be completed in eleven CWPP-prioritized neighborhoods to assist with the disposal of green waste generated from residents creating and maintaining their own defensible space. Defensible space assistance will also be provided for senior citizen/elderly, disabled, and/or low-income residents. Potential funding from the Clearinghouse would increase the already planned CAL FIRE CCI grant funded activity and account for approximately four additional defensible space assistance projects (for a total of 18) and four additional "Chipper Days" (for a total of 11). The model projects will be sited and developed in collaboration with community and agency partners. Project locations and type will be mapped and recorded as part of our effort to monitor the progress of CWPP implementation. Map data will be integrated into the countywide project tracking GIS database and shared with planning partners.

Educational materials will be mailed to those residing within the focus area and posted on social media and the HCFSC website. These educational materials will specifically include a handout and form with instructions on how to prepare a property for a community chipper day; a localized brochure explaining how to fire-safe (or "harden") Humboldt County homes; and existing copies of "Living with Wildfire in Northwestern California" – the third edition of a fire preparedness magazine published by the County and other partners. Lastly, project signage and banners promoting the project and explaining its purpose will be posted in the project communities. County staff will also coordinate the distribution of newspaper ads and public service announcements advertising the project and directing the readership to HCFSC online resources.

Two communities will be assisted with the process of preparing and submitting a National Firewise application. Priority communities for Firewise recognition were identified in the 2019 CWPP Update; primarily because they are situated within a High or Very High Hazard Severity Zone and local residents expressed an interest in developing more local capacity to prepare for wildfire. The two communities selected for this project will need to have community buy-in and the capacity to sustain their Firewise status. Community liaison "spark-plugs" will be sought to serve as the community lead for the Firewise application process for their respective communities. This individual or core group will work closely with County staff, a local contractor, and HUU CAL FIRE Pre-Fire Planning Battalion staff. The activities included in this task are the development of a community risk assessment and action plan, and the preparation and submittal of an application to the national Firewise program. A local Firewise board will be formed to oversee and guide the process and one Firewise day will be hosted in the community. The "Chipper Days" sponsored by this project could be organized as community Firewise days with the inclusion of volunteer work/learning opportunities and the distribution of educational materials. In addition, individuals involved in the Firewise application process will also receive coaching from County staff or HCFSC members on how to use their respective Planning Unit Action Plans (Part 4 of the CWPP) to guide future action and leverage additional funding for Firewise projects. County staff will keep in contact with the community liaison to provide educational resources, project development support when possible, and to generally stay apprised of Firewise community activities. This project would also serve as an opportunity to reignite interest and activity in existing Firewise communities, especially where fuels reduction is being conducted in or near those communities. Success stories associated with and the best practices developed through this project will be shared in myriad ways – through social media, local news outlets, the HCFSC website, and the HCFSC Photo Library hosted on Flickr.

4. Describe how the planning, education or prescription for vegetation treatment was developed and indicate the name of individual(s) who planned the prescription.

Indicate the specific methods by which the wildfire problem will be addressed and include acres treated. Indicate the title of the individual(s) who developed the prescription, their affiliated organization/agency, and relevant credentials.

The members of the HCFSC Wildfire Preparedness Work Group and Tracy Katelman then of ForEverGreen Forestry developed the CWPP action plan which is providing inspiration and guidance for the proposed activities. Tracy is a Registered Professional Forester and is a recognized leader in community-based planning for wildfire due to her innovative, collaborative work in several communities throughout California and Chile. She now serves the state as the Executive Director of the California Fire Safe Council. Project implementation guidance will be sought from the active members of the Work Group

which includes the following members: Barbara Darst, President of the Willow Creek Fire Safe Council; Bill Eastwood, Member of the HCFSC and Director of the Southern Humboldt Fire Safe Council; Ali Freedlund, Alternate on the HCFSC, Coordinator of the Lower Mattole Fire Safe Council and Working Lands Human Communities Program Director for the Mattole Restoration Council; David Markin, Fire Prevention Officer with Six Rivers National Forest, Chris Ramey, CAL FIRE Pre-Fire Planning Battalion Chief; Jen Renner, Alternate on the HCFSC, CAL FIRE Pre-Fire Planning Captain; Manny Mello, Northwest-George Peterson Insurance representative; and Nancy Bailey, Alternate on the HCFSC, Co-Director of Fire and Fuels, Mid-Klamath Watershed Council.

Cybelle Immitt collaborated with those listed above to develop the CWPP action plan, which provides a “plan of attack” to enhance wildfire preparedness in the county over the next five years. Cybelle is the Natural Resources Planning Manager for Humboldt County and staff support for the Humboldt County Fire Safe Council. She has over fifteen years of experience developing and implementing wildfire mitigation projects. Cybelle and her staff, with guidance from the Work Group members listed above, will work with the data collected and knowledge gained from community members, the HCFSC, and other stakeholders during the recent CWPP update process to determine which neighborhoods to target for model defensible space assistance and chipper projects. This team will remain in close contact with the HCFSC and CAL FIRE HUU to support project prioritization and to eliminate potential for project overlap and ensure opportunities to maximize project effectiveness are fully utilized.

Because specific project areas have not yet been identified (and would instead be chosen in the course of carrying out the proposed project), it is difficult to quantify exactly how many acres would be treated. Assuming 100 feet of defensible space can be created around each of the six homes receiving defensible space assistance, approximately 1 to 1.5 acres will be created around each home. This estimate is based on U.S. Census Bureau data on median home size (sq. ft.) in the western United States over time and an approximate distribution of home age in Humboldt County also sourced from the Census Bureau. The effectiveness of the chipping services provided will depend on the ability of landowners to prepare their properties ahead of the designated “Chipping Day” (limbing and trimming vegetation and lopping and piling materials, etc.). We conservatively estimate landowners will be able to accomplish roughly half of the acreage per property as the defensible space assistance projects, or 0.5 to 0.75 acres per property. Acres treated will also vary depending on the level of participation in each neighborhood receiving chipping services. Outreach conducted ahead of time will include guidance on how to make the most out of the free chipping services provided. We aim to engage an average of at least ten landowners in each of eleven “Chipper Days”, resulting in 55 to 80 acres treated. All together we estimate this proposed project will treat 73 to 100 acres (chipping and defensible space assistance). To be clear, Clearinghouse funding would be put toward four defensible space projects and four “Chipper Days” while the committed matching funds and in-kind contributions would support the balance of activities.

We are eager to implement the proposed project at the full scale described in this application. However, recognizing that funds are limited, we are amendable to partial funding for the activities described in this application. In the case of a partially funded project, the number of “Chipper Days” and/or defensible space projects could be scaled down to fit the revised budget.

5. How will the project reduce wildfire hazards in the project area?

Describe the specific outcomes of the project and indicators of success.

The defensible space completed and incentivized through this project will reduce the risk of wildfire damage to homes in WUI neighborhoods; particularly in High and Very High Fire Hazard Severity zones. Most of the communities which will be reviewed and selected for a model project are isolated and rural in nature. Homes as well as community infrastructure are embedded within the WUI in such a way that one structural ignition could cause a chain reaction that ignites several more.

Creating and maintaining defensible space will decrease the likelihood of a wildfire spreading into home ignition zones and provide firefighters with the option to deploy their resources to protect the home, thereby reducing the risk of structure loss. Well-managed vegetation will also decrease wildfire intensity, making it less likely to ignite structures and minimize the potential destructive impacts. By reducing the ignition potential on individual properties, the threat of wildfires spreading into the greater community or the wildlands will be reduced. Preventing house fires from spreading into wildlands as readily can also reduce the federal and state costs of wildfire suppression.

The best indicator of success will be a reduction in the number of ignitions in areas receiving treatment. This information is tracked by CAL FIRE and is publicly available. Each year the Humboldt County Fire Chiefs’ Association publishes an annual report that includes the number of calls each fire organization responds to throughout the year. A reduction in the number of response calls could also be correlated with the success of the proposed project.

Sustainability

6. How will this project be maintained after the grant is complete?

Describe methods to continue fuels maintenance or education/planning projects after grant funds are spent. Indicate collaborators and sources of funds used to maintain the project.

It has been observed that many who receive assistance to initiate this type of work and information about how critically important it is are inspired to maintain it and, in some cases, expand upon it. The initial cost of thinning hazardous fuels is

much higher than the cost of maintenance; participation in a “Chipper Day” can give landowners the boost they need to independently maintain their hazardous fuels reduction projects. We have seen, from experience, that when the initial work is incentivized, and the landowner learns how to address the problem or even just better understands the problem, they are more motivated to maintain their project. Maintenance is further incentivized when landowners feel well informed about strategies to reduce fire risk – the educational resources provided through this project will give landowners that know-how and/or connect them with someone (County staff, Firewise contacts, CAL Fire, local fire department, etc.) who can help.

Existing Firewise communities and local FSCs, as well as the two new Firewise communities involved in this project will also have a role in supporting and inspiring maintenance through education, technical assistance, and direct assistance, when resources are available (funding and/or volunteers). It’s important to note that the County CWPP has been used effectively to plan projects and leverage resources and funding to support action. We anticipate that it will continue to be a useful tool to leverage support for maintaining the work completed with the support of this grant. County staff intend to continue to seek funding, partnerships, and support to incentivize and assist with implementing the CWPP, which includes maintenance of fuels reduction projects. In addition, the chipper day and defensible space model projects proposed in this application are intended to demonstrate best practices and inspire similar action throughout the county.

7. Describe what outreach efforts will be undertaken to engage the broader public in your project.

Describe the types of activities or materials this project that will be utilized to engage community members, fire jurisdictions and elected officials in the planning process.

Extensive outreach will be undertaken to engage the public, specific stakeholders, and local leaders through mailing lists, web postings, social media, project signage, press releases, and local radio interviews. The outreach team is made up of community educators, organizers, and planners with the networks and expertise necessary to engage a wide local audience.

8. Describe how the plan will motivate the community to investing (e.g., effort, funding, etc.) in making itself Fire Safe after the grant term ends.

Please be specific and realistic. What type of community capacity will be developed to sustain this project in the long-term? What change do you anticipate will result in the community?

Following the devastating wildfires of the 2018 fire season, County staff have heard from many Humboldt residents who are eager to take charge of their fire safety. It is often the case that properties have become so overgrown that the prospect of taking on the amount of fuels reduction necessary to reduce fire risk is simply too daunting a task. This project aims to give residents a foothold that will propel future maintenance work that can be conducted all on their own or with the help of their neighbors. Disposing of debris can be costly and, in some cases, homeowners don’t know where to start. This project will pair “Chipper Days”, events during which residents can have their slash debris chipped for free, with homeowner education using materials developed especially for Humboldt communities. In addition, select residents, unable to conduct fuels reduction work themselves, will benefit from defensible space assistance. These homes and properties will be upheld as demonstration projects from which the surrounding community can learn: the success of and lessons learned through the defensible space assistance projects will be documented and disseminated through social media, local news outlets, and the County website.

Two prospective Firewise Communities will submit applications to receive recognition as a Firewise site after receiving support and assistance with application preparation. County staff have experience assisting nearly a dozen Firewise communities in becoming recognized as official Firewise sites. Staff will coordinate with local contractors and Humboldt-Del Norte CAL FIRE Pre-Fire Battalion personnel in working directly with community points of contact to develop the application, risk assessment, and action plan required as part of the Firewise application process.

Time will also be invested in connecting new and established Firewise Communities online through the Humboldt County Fire Safe Council Photo Library. Here Firewise community members will be able to contribute to the growing number of inspiring community wildfire preparedness photos that can be used for promotion of future Firewise community events and educational materials.

Supporting local organizational and technical capacity development, in the ways described above, will build the structure necessary for sustaining these projects into the future.

9. Will your project generate program income and how will it be used/spent to further the project during the term of the grant? Enter the dollar value of program income that will be generated? (General donations are not considered Program Income).

Program Income is funding that is earned as a result of the project such as making and selling bird houses from manzanita bushes. This income is required to be used to further the objectives of the grant during the grant term.

No project income will be generated.

Project Location

10. Enter which county(ies) in California or Nevada your project will take place?

If you are proposing to work in multiple counties, enter the county in which the majority of work will be performed. If the work will be divided equally across county lines, then enter more than one county.

11. Enter the latitude and longitude of the approximate geographic center of the project area. Your response must be in decimal format to six places, for example: 39.375097 Latitude and -122.54454 Longitude.

If the project covers a large area, select a point that best represents the center of the planning area. We recommend using Google Maps or itouchmap.com

Latitude

Longitude

TOTAL

12. Is the area impacted by your project at risk from fire originating on federal land? Your answer to this question will determine your response to the subsequent question.

Contact your local fire agency if you are not sure about your adjacency federal land. Remember that no portion of the project may be on federal land, including per

Yes

No

13. If yes, indicate which agency(ies) own/manage the land, and identify which field office, park, forest, etc. (indicated in parentheses) is nearest to the project area. If no, type N/A. Contact local agency representatives or consult a map for info.

USDI: Bureau of Indian Affairs, Bureau of Land Management (field office), Bureau of Reclamation, National Park Service (park, monument, or recreational area), U.S. Fish & Wildlife Service (refuge); USDA Forest Service (forest); Military Installation

Bureau of Land Management (Arcata Field Office); National Park Service (Redwood National Park); US Fish and Wildlife Service (Humboldt Bay National Wildlife Refuge); USDA Forest Service (Six Rivers National Forest).

14. How far is the planning area from federal lands?

0-3 miles

More than 3 miles

15. Enter the District number for the project location. Enter N/A in the boxes that do not apply.

Find Congressional, State Senate and Assembly District numbers for California at <https://www.govtrack.us/>

California Congressional District number(s)

Nevada Congressional District number(s) (District 2 only)

California State Senate District number(s)

Nevada State Senate District number(s) (Districts 3 and 4 only)

California State Assembly/House District number(s)

Nevada State Assembly/House District number(s) (District numbers 26 and 39 only)

TOTAL

Planning Document Applicability

16. Explain how the proposed project advances the three main goals of the National Cohesive Wildland Fire Management Strategy ("Cohesive Strategy").

Refer to the three goals of the Cohesive Strategy: (A) Restore & Maintain Resilient Landscapes, (B) Fire Adapted Communities and (C) Wildfire Response. Review the latest report on the Cohesive Strategy: <http://1.usa.gov/R6cOoE>.

This project ties together the three main goals of the Cohesive Strategy by providing a much-needed community boost in neighborhood fuel reduction that will have resounding effects in protecting the environment, empowering future efforts, and supporting fire suppression response.

Restore and maintain landscapes: The proposed project seeks to reduce the potential for fires originating from WUI homes spreading into the wildlands. As a result of many decades of fire suppression, many Humboldt County forests are overstocked and/or have a large buildup of woody debris. For those forests near homes, an ignition could cause a wildfire of devastating severity. While landscape level fuels reduction is not a focus of this project, it will help prevent unwanted wildfires from occurring before the surrounding forests can be adequately prepared to return to their natural fire regime, where possible.

Fire-adapted communities: It is a primary goal of this project and of the Humboldt County CWPP (Wildfire Preparedness, Goal 2) to increase community resilience and adaptation to wildfire. A vital part of achieving this goal is a significant reduction in

vegetation and fuels in the first 100 feet of space around residential structures and outbuildings. Landowners will receive assistance during free "Chipper Days" during which time they can have debris produced from defensible space activities chipped and hauled at no cost to them. The aim of this aspect of the project is to incentivize creation of defensible space by cutting out the (typically) most costly component of the job. Of course, much of the vegetation will eventually grow back which is why it is important that landowner education be paired with fuel reduction activities. To start, educational materials will be provided to all homes in the project area. These materials will introduce them to basic principles related to preparing a home for wildfire and provide instructions on how to prepare a property for a community chipper day. In addition, homeowners will be made aware of the Humboldt County CWPP and how it can help them continue their fire-preparedness efforts. Firewise communities are an excellent vehicle for initiating and sustaining momentum toward wildfire resiliency through community education and organization. Through this project, the HCFSC will follow the directive given under CWPP Priority Action 3.2.4-1 by adding two more Firewise communities to the County's list of nearly dozen that have already been recognized. By establishing this community-level organization, this project will support fire-adaption far beyond the grant term.

Wildfire response: Chipper days and defensible space assistance will increase opportunities for fire suppression personnel to defend homes and neighborhoods. The distance between many rural homes and the nearest fire department can greatly increase response time. Establishing at least 100 hundred feet of defensible space can delay home ignition, sparing firefighters the precious minutes needed to prevent disaster. Along a different line, this project will encourage activity within existing Firewise communities and establish two new ones. Communities involved in Firewise are in a better position than others to work with emergency managers to help identify risks and hazards that could impact wildfire response in their communities.

17. Is the area covered by the proposed project located within a priority landscape, as articulated in the State of California's Forest Action Plan? (Launch the Priority Mapper at <http://frap.fire.ca.gov/assessment/2010/mapper.php> to determine priority.)

The California Forest Action Plan, also known the 2010 California Forest and Rangelands Assessment and Strategy Reports, identifies landscapes of medium and high priority for preventing wildfire threats in 46 of California's 56 counties.

- Yes
- No

18. Indicate how the proposed project will link to the three themes of the California Forest Action Plan: Conserve, Protect, Enhance.

Review the strategies at <http://frap.fire.ca.gov/assessment/2010/assessment2010.php>. Select the appropriate strategy(ies) then explain in the next question how the project utilizes the strategy(ies) to implement project goals.

- Conserve: a) Support comprehensive planning at the statewide and regional scales that is coordinated with wildlife habitat conservation efforts.
- Conserve: b) Maintain and improve the capacity of wood products and range industries.
- Conserve: c) Increase the capacity to provide incentives to forest and range landowners.
- Protect: a) Reduce the occurrence of damaging wildfires and reduce life, property and natural resource losses through the implementation of effective and efficient fire prevention programs and activities.
- Protect: b) Protect life and property from wildfire through efficient and effective fire protection planning and suppression, financial management, and firefighter/public safety strategies.
- Protect: c) Reduce the impacts of wildfire on ecosystem health, public safety and private property through appropriate scientific, research, education and training.
- Enhance: a) Promote formation of Local Fire Safe Councils for priority communities.
- Enhance: b) Promote participation in the National Firewise/USA Program.
- Enhance: c) Sustain healthy forest ecosystems to maintain California's unique biodiversity.

19. Explain how the project utilizes the California Forest Action Plan strategy(ies) selected above to implement project goals.

Conserve a) Humboldt County is home to over two dozen state or federally listed species under the respective Endangered Species Acts. High severity wildfire would likely have devastating impacts on many of these species. The fuel reduction and landowner education provided through this project will help prevent unwanted, human-caused ignitions originating from the WUI from causing a high severity wildfire that could thwart the management strategies of state and regional agencies.

Protect a) The proposed project will reduce the potential for damage during a wildfire event in several communities throughout Humboldt County through reduction of hazardous fuels. Landowner education provided during the fuel reduction activities is intended to help landowners be better prepared to take on enhancement or maintenance activities in the future. The Firewise community support provided by the project will serve to support landowners in those endeavors.

Enhance b) This project will establish two new Firewise communities. Fuel reduction activity (and related outreach) near existing Firewise communities will serve to inspire renewed activity within those communities. Contacts between Firewise leaders and County staff/HCFSC members will be reestablished or strengthened.

Enhance c) Humboldt County is home to a variety of landscape types, none of which is stranger to fire. However, following a century of largely successful wildfire suppression our forests are especially vulnerable given the large build-up of woody fuels. This build-up carries the potential to host a wildfire of greater severity than native vegetation has evolved to withstand. As discussed previously, this project will help prevent unwanted human-caused ignitions from starting a wildfire in high fuel load forests in the wildland urban interface.

20. Identify the type of planning document that covers the project area. To find out if the area is covered in an existing Community Wildfire Protection Plan or equivalent plan, contact the local fire department, local government or local forester.

Links to some CWPPs are available on the Wildland Fire Lessons Learned Center at: LINK COMING SOON. Please use the box to describe other plans or indicate why no planning document exists (e.g lack of funding, unaware of need for plan).

- Community Wildfire Protection Plan (CWPP)
- Cal Fire Unit Plan
- DMA 2000
- Other - please explain:

21. Please provide the exact title of the CWPP or equivalent plan and the contact information for the plan, including a web address if the plan is posted online.

Provide name, address and email for the main contact for the plan.

Humboldt County Community Wildfire Protection Plan (CWPP) 2019 Update

The current plan is available at: <https://humboldt.gov/fireplanfinal>.

Contact Cybelle Immitt, Natural Resources Planning Manager at cimmitt@co.humboldt.ca.us. Mailing address: Natural Resources Planning, 1106 Second Street Eureka, CA 95501

22. Identify the status of the plan and when the plan was last updated. Indicate whether the project is approved, the date /year of approval and the agency/organization that provided the approval. If the plan is in process, indicate date it was started

Enter the date and/or year. If the plan has not been updated or revised in more than 4 years, explain the reason(s) for the delay.

The most recent update to the Humboldt County Community Wildfire Protection Plan was completed in 2019 under the guidance of the HCFSC. The Humboldt County Board of Supervisors approved the Plan in January 2019 and certified that it met all the criteria of a CWPP listed under the Healthy Forests Restoration Act (HFRA). The Humboldt County Fire Chiefs' Association and CAL FIRE are also signatories of the Plan. The 2019 Humboldt County CWPP can be found at: <https://humboldt.gov/fireplanfinal>.

The capacity of the HCFSC allows for the CWPP to be updated every five years. The current plan will serve to inspire and guide community groups, fire agencies, and other stakeholders seeking to enhance wildfire preparedness in Humboldt County. The Plan also includes a robust and ambitious action plan (Part 3) which will guide the actions of the Humboldt County Fire Safe Council over the next five years.

23. What is the priority of the proposed project in the plan identified in the questions above, and on what page of the plan is it addressed?

Please indicate the plan type (CWPP, DMA 2000, or other), priority in plan, and page number where the project is addressed.

The goal of the proposed project is to increase community resilience and adaptation to wildfire by reducing fuels within target communities, a core component of the Wildfire Preparedness Goal of the CWPP Countywide Action Plan. Each of the six goal areas within the Action Plan contain specific Metrics and Priority Actions to be accomplished in the next five years. The proposed project would contribute most to the implementation of the following priority actions:

Metric 3.2.6: Community Fuel Reduction, Priority Action 3.2.6-1 (p. 3.2-9) directs the HCFSC to work with leaders in each planning unit to support project development, including identification of needed resources and potential obstacles to facilitate fuel-hazard reduction project implementation and maintenance.

The proposed project would also help to implement Metric 3.2.3 Defensible Space Compliance, Priority Action 3.2.3-1 (pp. 3.2.-4-3.2-5) by creating defensible space for elderly and disabled residents unable to perform this work themselves.

Priority action 3.2.4-1 (p. 3.2-6) calls for HCFSC support for the formation of new fire safe councils or Firewise communities to coordinate local community wildfire-preparedness efforts. A direct response to this priority action item, the proposed project will result in the completion of two new Firewise applications.

In addition, the project will contribute to Metric 3.2.2 Defensible Space Education, Priority Action 3.2.2-3 (p. 3.2-4) by contributing photos of hardened homes, defensible space projects, and fuel hazard reduction projects to the HCFSC Photo Library hosted on Flickr.

The proposed project will also support the continued implementation of Priority Action 3.2.1-1: Create and distribute a brochure on how to fire-safe (or "harden") a Humboldt County home (pp. 3.2-1–3.2-2). This project will expand the distribution of a brochure on this topic created through another funding source.

Lastly, this project supports the implementation of the Integrated Planning Action Planning Goal of the CWWP Countywide Action Plan; Metric 3.6.4: Fire-Planning Data Management (pp. 3.6-3–3.6-4). This will be accomplished by mapping project locations and integrating them into the countywide project tracking GIS database.

24. Does the CWPP or equivalent plan define the boundaries of the Wildland Urban Interface (WUI)?

If YES, indicate if the project is located in this WUI? If NO, indicate if the project is located in a Cal Fire Hazard Severity Zone in the next question.

No, the Humboldt County CWPP does not specify WUI boundaries. However, Humboldt is a rural county with significant WUI characteristics throughout and the project locations will benefit neighborhoods and access routes in rural areas that interface with the wildlands. Forty-five percent of Humboldt County is classified as Very High Fire Hazard Severity, 48% as High, and 4% Moderate (3% is unrated); site locations for this project will be selected in areas with the highest possible percentage of Very High Fire Hazard Severity or a significant occurrence of WUI or wildland urban intermix within High Fire Hazard Severity Zones.

Project Effects

25. Identify the Fire Hazard Severity Zone (FHSZ) of the project area..

Check the appropriate box(es). Find the fire hazard severity zone at:

http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones.php

- Very High Severity Zone
- High Severity Zone
- Moderate Severity Zone

26. List up to 3 of the closest Communities at Risk that are within the boundaries, or within 3 miles, of the project area.

For a list of designated Communities at Risk in California, go to:

http://osfm.fire.ca.gov/fireplan/fireplanning_communities_at_risk

Briceland, Bridgeville, and Whitethorn

27. List communities, other than Communities at Risk, that are within the boundaries, or within 3 miles, of the project area.

Enter the names of communities that are in or within 3 miles of the project area.

Redwood Valley and Titlow Hill

28. List Firewise Communities that are within the boundaries, or within 3 miles, of the project area.

Enter the names of official Firewise Communities that in or within 3 miles of the project area. For a list of Firewise Communities in California, please visit: http://submissions.nfpa.org/firewise/fw_communities_list.php.

Honeydew, Petrolia, Bridgeville, Upper Jacoby Creek, Willow Creek, Orleans, Shelter Cove, Redwood Valley/Chezem, Kneeland, and Hydesville

29. List communities that will be directly affected by the project's Prevention and Education Programs

Enter the names of communities, including Communities at Risk and Firewise Communities.

Alderpoint, Benbow, Blocksburg, Briceland, Bridgeville, Ettersburg, Fruitland, Garberville, Honeydew, Kneeland, Petrolia, Redwood Valley, Shelter Cove, Willow Creek, and Whitethorn

30. List communities that will be directly affected by the project's Hazardous Fuel Reduction Programs

Enter the names of communities, including Communities at Risk and Firewise Communities.

Alderpoint, Benbow, Blocksburg, Briceland, Bridgeville, Ettersburg, Fruitland, Garberville, Honeydew, Kneeland, Petrolia, Redwood Valley, Shelter Cove, Willow Creek, and Whitethorn

31. List communities that will be directly affected by the project's Fire Management Plans, Risk Assessments or equivalents.

Enter the names of communities, including Communities at Risk and Firewise Communities.

Alderpoint, Benbow, Blocksburg, Briceland, Bridgeville, Ettersburg, Fruitland, Garberville, Honeydew, Kneeland, Petrolia, Redwood Valley, Shelter Cove, Willow Creek, and Whitethorn

32. Enter the number of people who will be contacted by the project's deliverables. Consider the number of people who will be contacted about the project through meetings, educational mailings, email lists, homeowner participation, etc.

Research the population of the project area and the outreach planned for the project. Keep track of how you calculated this figure. If funded, applicant will report this number quarterly in the progress report. CFSC is required to report these data. 4000

33. Estimate how many people will be employed with this project.

Include estimates for both applicant and fiscal sponsor, if applicable.

Compensated employees

Contractors

TOTAL

34. Identify the Condition Class and Fire Regime

Check the appropriate box(es). Find your project's condition class at: <http://www.frcc.gov> Find your project's fire regime(s) at: <http://www.frcc.gov>.

- Condition Class 1
- Condition Class 2
- Condition Class 3
- Fire Regime I
- Fire Regime II
- Fire Regime III
- Fire Regime IV
- Fire Regime V

Fuels Treatment

35. If the project is for fuels treatments, enter the total acreage of the project's footprint.

The footprint of the project is the area where planned treatment(s) will occur on the ground. It does not include access and egress of the project.

75-100 acres

36. How many fuels treatment projects will be completed with this grant? Enter the number of fuels treatment projects and describe how this estimate was calculated.

Projects should be counted by a reasonable method based on different types of projects included in this grant application. The method used should be described in detail in your answer.

The number of fuels treatment projects is approximately twenty-nine (29): eleven (11) "Chipper Days" and eighteen (18) defensible space assistance projects. Acres treated will also vary based on fuel type, fuel density, slope, and preparation made by participating landowners but is estimated at a range from 75 to 100 acres. To be clear, Clearinghouse funding would be put toward four defensible space projects and four "Chipper Days" while the committed matching funds and in-kind contributions would support the balance of activities.

37. Indicate any biological, environmental or cultural reviews or assessments that have been completed for the project area.

If yes, indicate which statute or other environmental regulation were the studies/assessments completed for:

- California Environmental Quality Act (CEQA)
- National Environmental Policy Act (NEPA)
- Endangered Species Act (ESA)
- California Endangered Species Act (CESA)
- Migratory Bird Treaty Act (MBTA)
- National Historic Preservation Act (NHPA)
- None or N/A
- For when and by whom, please explain:

38. What is the percent of dominant vegetation type at treatment site?

Enter the percent of the dominant type of vegetation in the project area. If you select "other," also indicate the type of vegetation. Type "N/A" in a box if that vegetation type is not prevalent at the treatment site.

% Chaparral

% Open or closed canopy mixed conifer forest

% Ponderosa

| | |
|--------|--------------------------|
| 20 | % Douglas Fir |
| | % Pine Plantatation |
| 20 | % Oak Woodland |
| | % Other, please explain: |
| 100.00 | TOTAL |

39. Which vegetation is to be treated/modified?

- Chaparral
- Open or closed canopy mixed conifer forest
- Ponderosa
- Douglas Fir
- Pine Plantation
- Oak Woodland
- Other: WUI Residential

40. Describe the treatment to be implemented.

The proposed treatment includes reducing wildfire hazards on individual properties, between properties, and across neighborhoods. This multi-faceted approach is specifically aimed at reducing the likelihood of ignition by reducing fuel volume and disrupting the fuel continuity that could carry a fire from home to home. General fuel reduction will also reduce the availability of material that could produce embers and carry a fire through the air.

Portions of the forest and shrub understory within the home ignition zone (first 100 feet) will be selectively thinned and trimmed with the goal of increasing the space between trees, shrubs, and structures; combustible material (i.e. fire-prone vegetation, wood stacks, etc.) will be removed from areas immediately adjacent to structures. The largest, most fire resilient and healthiest trees adapted to the location will be retained. Brush created from the treatment will be chipped or lopped and scattered. Based on experience and the rural nature of the project area, it is anticipated that most landowners will choose to use the chips produced as mulch or for landscaping.

41. Describe the equipment to be used.

A chipper or chippers will be used during each “Chipper Day” event. Landowners will use their own tools to prepare material from their properties for chipping. The defensible space assistance projects will likely also make use of a chipper in addition to other tools such as weed-whackers, chainsaws, pole saws, clippers, and mowers.

42. Describe the personnel/vendor to be used and how they will be used.

Contracted crews will be hired to conduct the work associated with the planned chipper days and providing defensible space assistance. An effort will be made to reduce travel costs by hiring crews in the geographic vicinity of the project sites. Contractors will also be hired to conduct the risk assessment, prepare the action plan, and submit application materials necessary for two new Firewise communities to emerge. Finally, an RPF will be hired to assist County staff with environmental compliance review.

Preparation for the neighborhood “Chipper Days” will be completed by the residents themselves, many of whom will likely already be involved in a local FSC, existing Firewise Community or emerging Firewise community. A thorough outreach campaign held in advance will notify residents of the free event and will provide guidelines on how to prepare their properties to maximize the benefit of this service.

County staff will oversee and administer the whole project, including grant agreement management, contract solicitation and management, community outreach and engagement, project documentation, and the development of success stories/best practices publications.

43. Describe the pre and post-treatment site.

With many homes situated within the WUI throughout Humboldt county, the buildup of leaf litter and woody debris on rooftops, under decks, and within the first 100 feet is unfortunately ubiquitous. Homes with non-fire-safe roofing and siding are common, as are cantilevered decks with flammable materials stored underneath. In addition, because the population has had no direct experience with catastrophic wildfire, the vegetation within many home ignition zones is unmaintained and ripe for disaster. This project will focus on addressing some of the defensible space issues within selected WUI communities. Following a successful “Chipper Day” and the completion of a model defensible space project, residents will be able to see a noticeable difference in the quantity of hazardous fuels in their neighborhood: vertical and horizontal fuel continuity will be disrupted and branches that previously overhung rooftops will be cut back. While there will still be more work to be done along the roads, in the forest, and to the structures themselves, the potential for fire ignition, spread, and high severity will be greatly reduced within each treated neighborhood.

44. Will the project generate biomass, small logs of merchantable volume or a marketable product? (Biomass is any plant material removed from the site.)

Enter the estimated volume of biomass produced in the box next to the appropriate type of biomass. For more detailed instructions, see the *Calculating Biomass Volume* resource in the Library tab.

| | |
|-----------------------------------|---|
| <input type="text" value="N/A"/> | Saw logs (cubic board ft.) |
| <input type="text" value="N/A"/> | Chips (green ton) |
| <input type="text" value="N/A"/> | Post and poles (lineal ft.) |
| <input type="text" value="N/A"/> | Fuel wood (fuel for cogeneration plant) |
| <input type="text" value="N/A"/> | Firewood (cords) |
| <input type="text" value="N/A"/> | Other |
| <input type="text" value="0.00"/> | TOTAL |

45. Will the biomass product be utilized?

- Yes
- No

46. If yes, please describe how the biomass product will be used.

If it will not be used, type "N/A".

N/A

47. Have you filled in the reporting columns in ALL 4 tables in the Tables tab?

- Yes I have

Tables [top](#)

48. Work Plan

| Task Number | Sequential Task/Activity | Timeframe | Responsible Party | Expected Outcome/Result |
|-------------|--|-------------|-----------------------------------|---|
| 1 | Contracting for project implementation | 1-3 months | County staff | Contracts executed for chipping services and defensible space assistance. |
| 2 | Environmental compliance review | 2-5 months | Contractor (RFP) and County staff | Environmental review will be conducted to ensure that the proposed activity will be completed in compliance with local, state and, as applicable, federal laws. |
| 3 | Implement Chipper Days | 2-23 months | County staff, contracted crews | Chipper Days will be hosted in select communities throughout Humboldt County. Staff will work closely with established community points of contact to plan each event. The estimated number of chipper days is eleven (11). |
| 4 | Implement Defensible Space Assistance | 2-23 months | County staff, contracted crews | Defensible space assistance will be provided for an estimated 18 homes. Assistance will be prioritized for elderly, disabled, and/or low-income residents. Homes will also be selected based on their suitability as model defensible space projects (visibility, proximity to other homes, etc.). Staff will work with community points of contact and/or local HCFSC members to identify candidates. The work will be carried out by a contracted crew. |
| 5 | Conduct targeted outreach to the media and the public regarding the project plans and objectives. Success stories, lessons learned, and best practices that can be applied to future projects will | 2-23 months | County staff | County staff will amplify the availability of project resources and associated successes through established online channels including the HCFSC website, HCFSC Facebook, and email listserv. Emails and calls to media contacts about the project will result in increased understanding/awareness and improved messaging |

| | | | |
|--------------|--|--------------------------|--|
| | be shared. | | to the public. |
| 6 | Manage photo documentation to be used in future development of educational resources. | 2-23 County staff months | County staff will use photos taken during "Chipper Days" and pre/post defensible space assistance projects to continue to build the HCFSC Photo Library (a Priority Action of the CWPP). Photos in the library are publicly available and can be used for promotion and education by Firewise communities. |
| 7 | Project Invoicing and Reporting: Preparation and submittal of quarterly progress reports, and grant closeout report. Processing of contractor invoices, submitting of payment requests, and tracking of volunteer hours and match contributions. | 2-23 County staff months | All required reports and tracking records will be completed and submitted on time and to the satisfaction of the California Fire Safe Council Grant Manager, resulting in successful project completion. |
| 8 | | months | |
| 9 | | months | |
| 10 | | months | |
| Total | | 0 months | |

49. Project Deliverables

| Project Deliverables | Quantity Projected | Federal Cost Projected | Match Cost Projected |
|--|--------------------|------------------------|----------------------|
| Community Risk Assessment Wildfire Planning | | | |
| Community Risk Assessment | 2 | \$ 15,000 | \$ 5,500 |
| Community Wildfire Protection Plan | | \$ | \$ |
| Fire Management Plan | | \$ | \$ |
| Planning Subtotal | 2 | \$ 15,000 | \$ 5,500 |
| | 2 | \$ 15,000 | \$ 5,500 |
| Information/Education | | | |
| Outreach/Education Programs | 1 | \$ 7,000 | \$ 6,100 |
| Education/Information Products | | \$ | \$ |
| Information/Education Subtotal | 1 | \$ 7,000 | \$ 6,100 |
| | 1 | \$ 7,000 | \$ 6,100 |
| Fuels Treatment Acres | | | |
| Preparation for Treatment | 73 | \$ 6,000 | \$ 7,000 |
| Preparation for Treatment Subtotal | 73 | \$ 6,000 | \$ 7,000 |
| Mechanical Treatment Acres | | | |
| ...Biomass removal | | \$ | \$ |
| ...Chipping | 60 | \$ 8,000 | \$ 18,400 |
| ...Crushing | | \$ | \$ |
| ...Hand pile | | \$ | \$ |
| ...Seeding | | \$ | \$ |
| ...Lop and scatter | | \$ | \$ |
| ...Machine pile | | \$ | \$ |
| ...Mastication/Mowing | 13 | \$ 3,000 | \$ 3,000 |
| ...Thinning | 60 | \$ 7,000 | \$ 10,600 |

| | | | |
|--|------------|------------------|------------------|
| ...Thinning - Tree felling and removal | | \$ | \$ |
| Mechanical Treatment Subtotal | 133 | \$ 18,000 | \$ 32,000 |
| Prescribed Fire Acres | | | |
| ...Broadcast burn | | \$ | \$ |
| ...Fire use | | \$ | \$ |
| ...Hand pile burn | | \$ | \$ |
| ...Jackpot burn | | \$ | \$ |
| ...Machine pile burn | | \$ | \$ |
| Prescribed Fire Subtotal | 0 | \$ 0 | \$ 0 |
| Other Treatment Acres | | | |
| ...Chemical | | \$ | \$ |
| ...Biological | | \$ | \$ |
| ...Browsing | | \$ | \$ |
| Other Treatment Subtotal | 0 | \$ 0 | \$ 0 |
| Fuels Treatment Subtotal | 206 | \$ 24,000 | \$ 39,000 |
| Mechanized Treatment with By-Products Utilized | | \$ | \$ |
| Total | 209 | \$ 46,000 | \$ 50,600 |

50. Budget Detail

| Cost Categories | Federal - Grant Funds | Applicant | Other Partners | Total |
|---|--------------------------|------------------|-------------------|------------------|
| a. Personnel | | | | |
| County of Humboldt Staff cost for project and contract administration; wildfire planning support for compiling two Firewise applications, including community risk assessments; support of the delivery of an outreach and education program to the public, the media, and local leaders; support of fuels treatment projects including chipper days and defensible space assistance and associated coordination of environmental compliance. Expenses will be billed to the grant in an amount up to \$14,000 based on approximate hours and rate (combined salary and benefits). Staff include the Natural Resources Planning Manager (~\$70/hr. for ~164 hrs.), and an Environmental Analyst (\$46/hr. for ~318 hrs.). | \$ 14,000 | \$ 12,000 | \$ | \$ 26,000 |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| Personnel Total | \$ 14,000 | \$ 12,000 | \$ 0 | \$ 26,000 |
| b. Fringe Benefits | | | | |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| Fringe Benefits Total | \$ 0 | \$ 0 | \$ 0 | \$ 0 |

c. Travel

| | | | | |
|---------------------|-------------|-------------|-------------|-------------|
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| Travel Total | \$ 0 | \$ 0 | \$ 0 | \$ 0 |

d. Equipment (Items >\$5,000/unit – see guidelines)

| | | | | |
|------------------------|-------------|-------------|-------------|-------------|
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| Equipment Total | \$ 0 | \$ 0 | \$ 0 | \$ 0 |

e. Supplies

| | | | | |
|--|-----------------|---------------|-------------|-----------------|
| Supplies costs include, but are not limited to, printing, postage, project banners, project signs, advertising, and printing large scale maps. | \$ 3,000 | \$ 500 | \$ | \$ 3,500 |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| Supplies Total | \$ 3,000 | \$ 500 | \$ 0 | \$ 3,500 |

f. Contractual

| | | | | |
|--|------------------|------------------|-------------|------------------|
| Chipper Days and Defensible Space Assistance. Expenses are estimated based on an approximate \$1,500 cost per day for the chipper days, or home in the case of defensible space assistance, with extra funding to support planning and coordination. Expenses may vary depending on the location of the project and the density of development or severity of defensible space deficiency. | \$ 18,000 | \$ 31,500 | \$ | \$ 49,500 |
| Contractor assistance with Firewise risk assessments/action plans and applications. An approximate cost of \$5,000 per Firewise application is based on experience administering our Firewise small grant program. | \$ 10,000 | \$ | \$ | \$ 10,000 |
| An RPF contractor to support county staff with environmental compliance review. | \$ 1,000 | \$ | \$ | \$ 1,000 |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| Contractual Total | \$ 29,000 | \$ 31,500 | \$ 0 | \$ 60,500 |

g. Other

| | | | | |
|--|-------------|-----------------|-----------------|-----------------|
| HCFSC and Stakeholder support: HCFSC member and community stakeholder participation in the implementation of the project, including outreach and guidance as well as project planning and execution. Expense estimates are based on approximately 137 hours of volunteer labor at the Independent Sector volunteer rate for California of \$29.95. | \$ | \$ 4,100 | \$ | \$ 4,100 |
| CAL Fire will contribute approximately 48 hours of staff time to support and participate in the completion of two Firewise applications, including assistance with the development of associated risk assessments and action plans. | \$ | \$ | \$ 2,500 | \$ 2,500 |
| | \$ | \$ | \$ | \$ |
| | \$ | \$ | \$ | \$ |
| Other Total | \$ 0 | \$ 4,100 | \$ 2,500 | \$ 6,600 |

| | | | | |
|--------------------------------|------------------|------------------|-----------------|------------------|
| h. Total Direct Costs | \$ 46,000 | \$ 48,100 | \$ 2,500 | \$ 96,600 |
| i. Modified Total Direct Costs | \$ 4,600 | \$ | \$ | \$ 0 |
| j. Indirect Costs | \$ 4,600 | \$ | \$ | \$ 4,600 |
| Total | \$ 50,600 | \$ 48,100 | \$ 2,500 | \$101,200 |

51. Match Amount By All Organizations

| Name of Match Contributor (Organization, agency, or person) | Cost Category(ies) | Type of Match | Amount (\$) |
|---|-------------------------|---------------|------------------|
| 1 County of Humboldt | Pers, Supp, Cont, Other | In-Kind | \$ 48,100 |
| 2 CAL FIRE | Other | In-Kind | \$ 2,500 |
| 3 | | | \$ |
| 4 | | | \$ |
| 5 | | | \$ |
| 6 | | | \$ |
| 7 | | | \$ |
| Total | | 0 | \$ 50,600 |

Document Upload [top](#)

Documents Requested *

Letters of Commitment: Submit letters of commitment (LOC) from all organizations providing matching contribution to the project, including the applicant and fiscal sponsor.

Letters of Commitment Cover Letter

Fiscal Sponsor Agreement Letter (If Applicable)

Project Vicinity Map

Approved Indirect Cost Rate Agreement (If Applicable)

Other documents

Required? Attached Documents *



[CAL FIRE - Letter of Commitment](#)

[County of Humboldt - Letter of Commitment](#)



[Letters of Commitment Cover Letter](#)



[Phase II Part II: CWPP Implementation Project Map \(Humboldt County\)](#)

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Application ID: 143096

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