



# RESOLUTION No. 24-042

## OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

**RESOLUTION ACCEPTING THE USDA, UNITED STATES FOREST SERVICE (USFS), PACIFIC SOUTHWEST REGION, FIRE AND AVIATION MANAGEMENT GRANT FOR THE NEVADA COUNTY COMMUNITY WILDFIRE PROTECTION PLAN UPDATE PROJECT (23-DG-11052012-451) IN THE AMOUNT OF \$250,000 DURING THE PERIOD AUGUST 1, 2023 THROUGH DECEMBER 31, 2024, RATIFYING THE EXECUTION OF THE GRANT AGREEMENT DATED AUGUST 28, 2023, AND AUTHORIZING THE DIRECTOR OF EMERGENCY SERVICES TO EXECUTE ALL ADDITIONAL DOCUMENTS REQUIRED TO FULFILL THE REQUIREMENTS OF THE GRANT ON BEHALF OF THE COUNTY OF NEVADA**

WHEREAS, the Nevada County Community Wildfire Protection Plan (CWPP) is a key planning tool to help prioritize wildfire mitigation action(s) to protect against loss of life and property; and

WHEREAS, Community Wildfire Protection Plans should be updated periodically to reflect work that has been completed, and guide strategy for future work; and

WHEREAS, the Nevada County CWPP was last updated in 2016; and

WHEREAS, the USDA FY22 Community Wildfire Defense Grant (CWDG) Notice of Funding Opportunity (NOFO) specifically included the update of Community Wildfire Protection Plans as a priority for funding; and

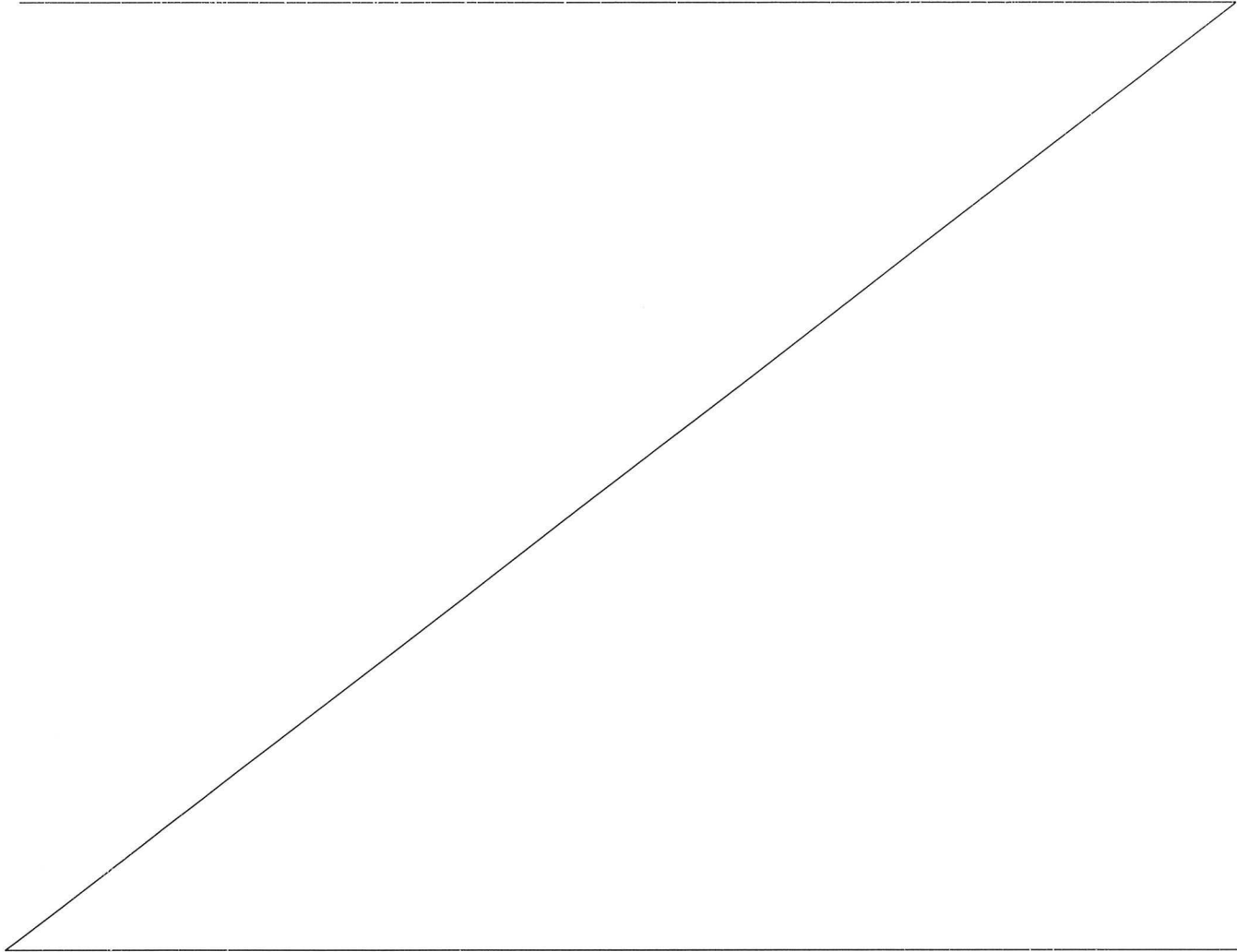
WHEREAS, Nevada County OES responded to the CWDG NOFO on October 7, 2022 and learned on March 20, 2023 that the project was funded; and

WHEREAS, on August 28, 2023, USDA, United States Forest Service (USFS), Pacific Southwest Region, Fire and Aviation Management executed the grant for the Nevada County Community Wildfire Protection Plan Project (23-DG-11052012-451) with pre-award costs approved as of August 1, 2023; and

WHEREAS, on December 21, 2023, USFS provided OES with a fully executed copy of the agreement.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Nevada, State of California, accepts the USDA, United States Forest Service (USFS), Pacific Southwest Region, Fire and Aviation Management Grant for the Nevada County Community Wildfire Protection Plan Update Project in the amount of \$250,000 during the period August 1, 2023 through December 31, 2024, ratifies the execution of the Grant Agreement dated August 28, 2023, and authorizes the Director of Emergency Services to execute all additional documents required to fulfill the requirements of the grant on behalf of the County of Nevada.

Funding:  
0101-20702-414-3000 / 446700 \$250,000

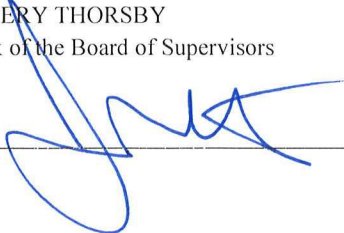


PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 23rd day of January, 2024, by the following vote of said Board:

- Ayes: Supervisors Heidi Hall, Edward C. Scofield, Lisa Swarouth, Susan Hoek and Hardy Bullock.
- Noes: None.
- Absent: None.
- Abstain: None.

ATTEST:

JEFFERY THORSBY  
Clerk of the Board of Supervisors

By:  \_\_\_\_\_

  
\_\_\_\_\_ Hardy Bullock, Chair

**FEDERAL FINANCIAL ASSISTANCE  
AWARD OF DOMESTIC GRANT 23-DG-11052012-451  
Between The  
COUNTY OF NEVADA  
And The  
USDA, FOREST SERVICE  
PACIFIC SOUTHWEST REGION  
FIRE AND AVIATION MANAGEMENT**

Project Title: Nevada County Community Wildfire Protection Plan Update - Infrastructure Investment and Jobs Act

Upon execution of this document, an award to County of Nevada, hereinafter referred to as "Nevada County," in the amount of **\$250,000.00**, is made under the authority of Infrastructure Investment & Jobs Act, PL 117-58, Section 40803 (c)(12) and (f). The Federal Assistance Listing (formerly Catalog of Federal Domestic Assistance - CFDA) number and name are 10.720, Infrastructure Investment and Jobs Act Community Wildfire Defense Grants. Nevada County accepts this award for the purpose described in the application narrative. Your application for Federal financial assistance, dated July 24, 2023, and the attached Forest Service provisions, 'Forest Service Award Provisions,' are incorporated into this letter and made a part of this award.

This authority requires a match of 9:1 (Federal to non-Federal) for the development or revision of a community wildfire protection plan, which your organization has agreed to provide as shown in the attached application, financial plan and narrative.

Under the Infrastructure Investment & Jobs Act (IIJA), CWDG program performance reports are to be submitted annually, while financial reports are to be submitted quarterly.

This is an award of Federal financial assistance. Prime and sub-recipients to this award are subject to the OMB guidance in subparts A through F of 2 CFR Part 200 as adopted and supplemented by the USDA in 2 CFR Part 400. Adoption by USDA of the OMB guidance in 2 CFR 400 gives regulatory effect to the OMB guidance in 2 CFR 200 where full text may be found.

Electronic copies of the CFRs can be obtained at the following internet site: [www.ecfr.gov](http://www.ecfr.gov). If you are unable to retrieve these regulations electronically, please contact your Grants and Agreements Office at [wendy.yun@usda.gov](mailto:wendy.yun@usda.gov).

The following administrative provisions apply to this award:

- A. **LEGAL AUTHORITY.** Nevada County shall have the legal authority to enter into this award, and the institutional, managerial, and financial capability to ensure proper planning, management, and completion of the project, which includes funds sufficient to pay the non-Federal share of project costs, when applicable.



- B. PRINCIPAL CONTACTS. Individuals listed below are authorized to act in their respective areas for matters related to this award.

**Principal Cooperator Contacts:**

<b>Cooperator Program Contact</b>	<b>Cooperator Administrative Contact</b>
Paul Cummings 950 Maidu Avenue Nevada City, CA 95959 Telephone: (530) 265-1515 Email: <a href="mailto:paul.cummings@nevadacountyca.gov">paul.cummings@nevadacountyca.gov</a>	Alex Keeble-Toll 950 Maidu Avenue Nevada City, CA 95959 Telephone: (530) 470-2521 Email: <a href="mailto:alex.keeble-toll@nevadacountyca.gov">alex.keeble-toll@nevadacountyca.gov</a>
Craig Griesbach 950 Maidu Avenue Nevada City, CA 95959 Telephone: (530) 265-1583 Email: <a href="mailto:paul.cummings@nevadacountyca.gov">paul.cummings@nevadacountyca.gov</a>	

**Principal Forest Service Contacts:**

<b>Forest Service Program Manager Contact</b>	<b>Forest Service Administrative Contact</b>
Barbara Geringer Assistant Director USDA Forest Service, Region 5 Fire and Aviation Management 1323 Club Drive Vallejo, CA 94592 Mobile: (202) 577-4827 Email: <a href="mailto:barbara.geringer-frazier@usda.gov">barbara.geringer-frazier@usda.gov</a>	Wendy Yun Program Management Specialist USDA Forest Service, Region 5 Fire and Aviation Management 1323 Club Drive Vallejo, CA 94592 Mobile: (916) 712-8392 Email: <a href="mailto:wendy.yun@usda.gov">wendy.yun@usda.gov</a>

- C. SYSTEM FOR AWARD MANAGEMENT REGISTRATION REQUIREMENT (SAM). Nevada County shall maintain current information in the System for Award Management (SAM) until receipt of final payment. This requires review and update to the information at least annually after the initial registration, and more frequently if required by changes in information or award term(s). Additional information about registration procedures may be found at the SAM Internet site at [www.sam.gov](http://www.sam.gov).
- D. ADVANCE AND REIMBURSABLE PAYMENTS – FINANCIAL ASSISTANCE. Advance and reimbursable payments are approved under this award. Only costs for those project activities approved in (1) the initial award, or (2) modifications thereto, are allowable. Requests for payment must be submitted on Standard Form 270 (SF-270), Request for Advance or Reimbursement, and must be submitted no more than monthly. In order to approve a Request for Advance Payment or Reimbursement, the Forest Service shall review such requests to ensure advances or payments for reimbursement are in compliance and otherwise consistent with OMB, USDA, and Forest Service regulations.



Advance payments must not exceed the minimum amount needed or no more than is needed for a 30-day period, whichever is less. If the Recipient receives an advance payment and subsequently requests an advance or reimbursement payment, then the request must clearly demonstrate that the previously advanced funds have been fully expended before the Forest Service can approve the request for payment. Any funds advanced, but not spent, upon expiration of this award must be returned to the Forest Service.

The Program Manager reserves the right to request additional information prior to approving a payment.

The invoice must be sent by one of three methods:	Send a copy to:
EMAIL (preferred): <a href="mailto:SM.FS.asc_ga@usda.gov">SM.FS.asc_ga@usda.gov</a> FAX: 877-687-4894 POSTAL: Albuquerque Service Center Payments – Grants & Agreements 101B Sun Ave NE Albuquerque, NM 87109	USFS Program Manager and USFS Administrative Contact listed above

- E. INDIRECT COST RATES. The cooperator has elected not to assess indirect costs against this award.
- F. PRIOR WRITTEN APPROVAL. Nevada County shall obtain prior written approval pursuant to conditions set forth in 2 CFR 200.407.
- G. MODIFICATIONS. Modifications within the scope of this award must be made by mutual consent of the parties, by the issuance of a written modification signed and dated by all properly authorized signatory officials, prior to any changes being performed. Requests for modification should be made, in writing, at least 30 days prior to implementation of the requested change. The Forest Service is not obligated to fund any changes not properly approved in advance.
- H. PERIOD OF PERFORMANCE. This agreement is executed as of the date of the Forest Service signatory official signature. Pre-award costs are authorized as of 08/01/2023 pursuant to 2 CFR 200.458.

The end date, or expiration date is **12/31/2024**. This instrument may be extended by a properly executed modification. *See Modification Provision above.*

- I. AUTHORIZED REPRESENTATIVES. By signature below, each party certifies that the individuals listed in this document as representatives of the individual parties are authorized to act in their respective areas for matters related to this award. In witness whereof the parties hereto have executed this award.

**Craig Griesbach** Digitally signed by Craig Griesbach  
Date: 2023.08.22 13:32:07 -07'00'

---

CRAIG GRIESBACH Date  
Director, Office of Emergency Services  
County of Nevada

**YOLANDA SALDANA** Digitally signed by YOLANDA SALDANA  
Date: 2023.08.28 12:11:31 -07'00'

---

YOLANDA SALDANA Date  
Deputy Director, Fire and Aviation Management  
US Forest Service, Pacific Southwest Region

The authority and the format of this award have been reviewed and approved for signature.

**MARGARITA DOLAR** Digitally signed by MARGARITA  
DOLAR  
Date: 2023.08.22 10:30:49 -04'00'

---

MARGARITA DOLAR Date  
Forest Service Grants Management Specialist

## ATTACHMENT A: FOREST SERVICE AWARD PROVISIONS

- A. COLLABORATIVE ARRANGEMENTS. Where permitted by terms of the award and Federal law, Nevada County may enter into collaborative arrangements with other organizations to jointly carry out activities with Forest Service funds available under this award.
- B. FOREST SERVICE LIABILITY TO THE RECIPIENT. The United States shall not be liable to Nevada County for any costs, damages, claims, liabilities, and judgments that arise in connection with the performance of work under this award, including damage to any property owned by Nevada County or any third party.
- C. NOTICES. Any notice given by the Forest Service or Nevada County will be sufficient only if in writing and delivered in person, mailed, or transmitted electronically by e-mail or fax, as follows:

To the Forest Service Program Manager, at the address specified in the award.

To Nevada County, at the address shown in the award or such other address designated within the award.

Notices will be effective when delivered in accordance with this provision, or on the effective date of the notice, whichever is later.

- D. SUBAWARDS. Prior approval is required to issue subawards under this grant. The intent to subaward must be identified in the approved budget and scope of work and approved in the initial award or through subsequent modifications. Approval of each individual subaward is not required, however the cooperator must document that each sub-recipient does NOT have active exclusions in the System for Award Management (sam.gov).

The Cooperator must also ensure that they have evaluated each subrecipient's risk in accordance with 2 CFR 200.332 (b).

Any subrecipient under this award must be notified that they are subject to the OMB guidance in subparts A through F of 2 CFR Part 200, as adopted and supplemented by the USDA in 2 CFR Part 400. Any sub-award must follow the regulations found in 2 CFR 200.331 through .333.

All subawards \$30,000 or more must be reported at [ftrs.gov](https://ftrs.gov) in compliance with 2 CFR 170. See Attachment B for full text.

- E. FINANCIAL STATUS REPORTING. A Federal Financial Report, Standard Form SF-425 (and Federal Financial Report Attachment, SF-425A, if required for reporting multiple awards), must be submitted quarterly. These reports are due 30 days after the reporting period ending March 31, June 30, September 30, and December 31. The final

SF-425 (and SF-425A, if applicable) must be submitted either with the final payment request or no later than 120 days from the expiration date of the award. These forms may be found at <https://www.grants.gov/web/grants/forms.html>.

- F. PROGRAM PERFORMANCE REPORTS. The recipient shall perform all actions identified and funded in application/modification narratives within the performance period identified in award.

In accordance with 2 CFR 200.301, reports must relate financial data to performance accomplishments of the federal award.

Nevada County shall submit annual performance reports. These reports are due 90 days after the reporting period ending December 31. The final performance report shall be submitted either with Nevada County's final payment request, or separately, but not later than 120 days from the expiration date of the award.

- Additional pertinent information: Please send copies of all reports to the USFS program and administrative contacts listed above.

- G. NOTIFICATION. Nevada County shall immediately notify the Forest Service of developments that have a significant impact on the activities supported under this award. Also, notification must be given in case of problems, delays or adverse conditions that materially impair the ability to meet the objectives of the award. This notification must include a statement of the action taken or contemplated, and any assistance needed to resolve the situation.

- H. CHANGES IN KEY PERSONNEL. Any revision to key personnel identified in this award requires notification of the Forest Service Program Manager by email or letter.

- I. USE OF FOREST SERVICE INSIGNIA. In order for Nevada County to use the Forest Service insignia on any published media, such as a Web page, printed publication, or audiovisual production, permission must be granted by the Forest Service's Office of Communications (Washington Office). A written request will be submitted by Forest Service, Program Manager, to the Office of Communications Assistant Director, Visual Information and Publishing Services prior to use of the insignia. The Forest Service Program Manager will notify Nevada County when permission is granted.

- J. FUNDING EQUIPMENT. Federal funding under this award is not available for reimbursement of Nevada County's purchase of equipment. Equipment is defined as having a fair market value of \$5,000 or more per unit and a useful life of over one year. Supplies are those items that are not equipment.

- K. PUBLIC NOTICES. It is Forest Service's policy to inform the public as fully as possible of its programs and activities. Nevada County is encouraged to give public notice of the receipt of this award and, from time to time, to announce progress and

accomplishments.

Nevada County may call on Forest Service's Office of Communication for advice regarding public notices. Nevada County is requested to provide copies of notices or announcements to the Forest Service Program Manager and to Forest Service's Office Communications as far in advance of release as possible.

- L. FOREST SERVICE ACKNOWLEDGED IN PUBLICATIONS, AUDIOVISUALS, AND ELECTRONIC MEDIA. Nevada County shall acknowledge Forest Service support in any publications, audiovisuals, and electronic media developed as a result of this award. Follow direction in USDA Supplemental 2 CFR 415.2.
- M. NONDISCRIMINATION STATEMENT – PRINTED, ELECTRONIC, OR AUDIOVISUAL MATERIAL. Nevada County shall include the following statement, in full, in any printed, audiovisual material, or electronic media for public distribution developed or printed with any Federal funding.

*In accordance with Federal law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, disability, and reprisal or retaliation for prior civil rights activity. (Not all prohibited bases apply to all programs.)*

*Program information may be made available in languages other than English. Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, and American Sign Language) should contact the responsible State or local Agency that administers the program or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339.*

*To file a program discrimination complaint, a complainant should complete a Form AD-3027, USDA Program Discrimination Complaint Form, which can be obtained online at <https://www.ocio.usda.gov/document/ad-3027>, from any USDA office, by calling (866) 632-9992, or by writing a letter addressed to USDA. The letter must contain the complainant's name, address, telephone number, and a written description of the alleged discriminatory action in sufficient detail to inform the Assistant Secretary for Civil Rights (ASCR) about the nature and date of an alleged civil rights violation. The completed AD-3027 form or letter must be submitted to USDA by:*

- (1) Mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue SW, Washington, D.C. 20250-9410; o*
- (2) Fax: (833) 256-1665 or (202) 690-7442; or*
- (3) Email: [program.intake@usda.gov](mailto:program.intake@usda.gov).*

If the material is too small to permit the full Non-Discrimination Statement to be included, the material will, at a minimum, include the alternative statement:



*“This institution is an equal opportunity provider.”*

N. DISPUTES.

1. Any dispute under this award shall be decided by the Signatory Official. The Signatory Official shall furnish Nevada County a written copy of the decision.
2. Decisions of the Signatory Official shall be final unless, within 30 days of receipt of the decision of the Signatory Official, Nevada County appeal(s) the decision to the Forest Service's Deputy Chief, State, Tribal & Private Forestry (SPTF). Any appeal made under this provision shall be in writing and addressed to the Deputy Chief, SPTF, USDA, Forest Service, Washington, DC 20024. A copy of the appeal shall be concurrently furnished to the Signatory Official.
3. In order to facilitate review on the record by the Deputy Chief, SPTF, Nevada County shall be given an opportunity to submit written evidence in support of its appeal. No hearing will be provided.
4. A decision under this provision by the Deputy Chief, SPTF is final.
5. The final decision by the Deputy Chief, SPTF does not preclude Nevada County from pursuing remedies available under the law.

O. AWARD CLOSEOUT. Nevada County must submit, no later than 120 calendar days after the end date of the period of performance, all financial, performance, and other reports as required by the terms and conditions of the Federal award.

Any unobligated balance of cash advanced to Nevada County must be immediately refunded to the Forest Service, including any interest earned in accordance with 2 CFR 200.344(d).

If this award is closed without audit, the Forest Service reserves the right to disallow and recover an appropriate amount after fully considering any recommended disallowances resulting from an audit which may be conducted later.

P. TERMINATION. This award may be terminated, in whole or part pursuant to 2 CFR 200.340.

Q. DEBARMENT AND SUSPENSION. Nevada County shall immediately inform the Forest Service if they or any of their principals are presently excluded, debarred, or suspended from entering into covered transactions with the federal government according to the terms of 2 CFR Part 180. Additionally, should Nevada County or any of their principals receive a transmittal letter or other official federal notice of debarment or suspension, then they shall notify the Forest Service without undue delay. This applies whether the exclusion, debarment, or suspension is voluntary or

involuntary. The Recipient shall adhere to 2 CFR Part 180 Subpart C in regards to review of sub-recipients or contracts for debarment and suspension.

All subrecipients and contractors must complete the form AD-1048, Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion, Lower Tier Covered Transactions. Blank forms are available electronically. Completed forms must be kept on file with the primary recipient.

R. MEMBERS OF CONGRESS. Pursuant to 41 U.S.C. 22, no member of, or delegate to, Congress shall be admitted to any share or part of this award, or benefits that may arise therefrom, either directly or indirectly.

S. TRAFFICKING IN PERSONS.

1. Provisions applicable to a Recipient that is a private entity.

- a. You as the Recipient, your employees, Subrecipients under this award, and Subrecipients' employees may not:
  - (1) Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
  - (2) Procure a commercial sex act during the period of time that the award is in effect; or
  - (3) Use forced labor in the performance of the award or subawards under the award.
- b. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a Subrecipient that is a private entity:
  - (1) Is determined to have violated a prohibition in paragraph a.1 of this award term; or
  - (2) Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph a.1 of this award term through conduct that is either:
    - i. Associated with performance under this award; or
    - ii. Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (Nonprocurement),".

2. Provision applicable to a Recipient other than a private entity. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity:
- a. Is determined to have violated an applicable prohibition in paragraph a.1 of this award term; or
  - b. Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph a.1

of this award term through conduct that is either—

- (1) Associated with performance under this award; or
- (2) Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, “OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),”

3. Provisions applicable to any recipient.

- a. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph a.1 of this award term.
- b. Our right to terminate unilaterally that is described in paragraph a.2 or b of this section:
  - (1) Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and
  - (2) Is in addition to all other remedies for noncompliance that are available to us under this award.
- c. You must include the requirements of paragraph a.1 of this award term in any subaward you make to a private entity.

4. Definitions. For purposes of this award term:

- a. “Employee” means either:
  - (1) An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this award; or
  - (2) Another person engaged in the performance of the project or program under this award and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.
- b. “Forced labor” means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.
- c. “Private entity”:
  - (1) Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR 175.25.
  - (2) Includes:
    - i. A nonprofit organization, including any nonprofit institution of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR 175.25(b).
    - ii. A for-profit organization.
- d. “Severe forms of trafficking in persons,” “commercial sex act,” and “coercion” have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. 7102).

T. DRUG-FREE WORKPLACE.

1. Nevada County agree(s) that it will publish a drug-free workplace statement and provide a copy to each employee who will be engaged in the performance of any project/program that receives federal funding. The statement must
  - a. Tell the employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in its workplace;
  - b. Specify the actions Nevada County will take against employees for violating that prohibition; and
  - c. Let each employee know that, as a condition of employment under any award, the employee:
    - (1) Shall abide by the terms of the statement, and
    - (2) Shall notify Nevada County in writing if they are convicted for a violation of a criminal drug statute occurring in the workplace, and shall do so no more than 5 calendar days after the conviction.
2. Nevada County agree(s) that it will establish an ongoing drug-free awareness program to inform employees about
  - a. The dangers of drug abuse in the workplace;
  - b. The established policy of maintaining a drug-free workplace;
  - c. Any available drug counseling, rehabilitation and employee assistance programs; and
  - d. The penalties that you may impose upon them for drug abuse violations occurring in the workplace.
3. Without the Program Manager's expressed written approval, the policy statement and program must be in place as soon as possible, no later than the 30 days after the effective date of this instrument, or the completion date of this award, whichever occurs first.
4. Nevada County agrees to immediately notify the Program Manager if an employee is convicted of a drug violation in the workplace. The notification must be in writing, identify the employee's position title, the award number of each award on which the employee worked. The notification must be sent to the Program Manager within 10 calendar days after Nevada County learns of the conviction.
5. Within 30 calendar days of learning about an employee's conviction, Nevada County must either
  - a. Take appropriate personnel action against the employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973 (29 USC 794), as amended, or
  - b. Require the employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for these purposes by a Federal, State or local health, law enforcement, or other appropriate agency.

U. PROHIBITION AGAINST USING FUNDS WITH ENTITIES THAT REQUIRE CERTAIN INTERNAL CONFIDENTIALITY AGREEMENTS.

1. The recipient may not require its employees, contractors, or subrecipients seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting them from lawfully reporting that waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.
2. The recipient must notify its employees, contractors, or subrecipients that the prohibitions and restrictions of any internal confidentiality agreements inconsistent with paragraph (1) of this award provision are no longer in effect.
3. The prohibition in paragraph (1) of this award provision does not contravene requirements applicable to any other form issued by a Federal department or agency governing the nondisclosure of classified information.
4. If the Government determines that the recipient is not in compliance with this award provision, it;
  - a. Will prohibit the recipient's use of funds under this award in accordance with sections 743, 744 of Division E of the Consolidated Appropriations Act, 2016, (Pub. L. 114-113) or any successor provision of law; and
  - b. May pursue other remedies available for the recipient's material failure to comply with award terms and conditions.

V. ELIGIBLE WORKERS. Nevada County shall ensure that all employees complete the I-9 form to certify that they are eligible for lawful employment under the Immigration and Nationality Act (8 U.S.C. 1324(a)). Nevada County shall comply with regulations regarding certification and retention of the completed forms. These requirements also apply to any contract or supplemental instruments awarded under this award.

W. FREEDOM OF INFORMATION ACT (FOIA). Public access to award or agreement records must not be limited, except when such records must be kept confidential and would have been exempted from disclosure pursuant to Freedom of Information regulations (5 U.S.C. 552). Requests for research data are subject to 2 CFR 315(e).

Public access to culturally sensitive data and information of Federally-recognized Tribes may also be explicitly limited by P.L. 110-234, Title VIII Subtitle B §8106 (2009 Farm Bill).

X. TEXT MESSAGING WHILE DRIVING. In accordance with Executive Order (EO) 13513, "Federal Leadership on Reducing Text Messaging While Driving," any and all text messaging by Federal employees is banned: a) while driving a Government owned vehicle (GOV) or driving a privately owned vehicle (POV) while on official Government business; or b) using any electronic equipment supplied by the Government when driving any vehicle at any time. All Cooperators, their Employees, Volunteers, and Contractors are encouraged to adopt and enforce policies that ban text messaging when driving company owned, leased or rented vehicles, POVs or GOVs



when driving while on official Government business or when performing any work for or on behalf of the Government.

- Y. PROMOTING FREE SPEECH AND RELIGIOUS FREEDOM. As a recipient of USDA financial assistance, you will comply with the following:
1. Do not discriminate against applicants for sub-grants on the basis of their religious character.
  2. 7 Code of Federal Regulations (CFR) part 16.3(a), Rights of Religious Organizations.
  3. Statutory and National policy requirements, including those prohibiting discrimination and those described in Executive Order 13798 promoting free speech and religious freedom, 2 CFR 200.300.
- Z. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. The cooperator (including subrecipients) is responsible for compliance with the prohibition on certain telecommunications and video surveillance services or equipment identified in 2 CFR 200.216. See Public Law 115-232, Section 889 for additional information.

In accordance with 2 CFR 200.216, the grantee (including subrecipients) is prohibited from obligating or expending loan or grant funds for covered telecommunications equipment or services to:

- (1) procure or obtain, extend or renew a contract to procure or obtain;
- (2) enter into a contract (or extend or renew a contract) to procure; or
- (3) obtain the equipment, services or systems.

## ATTACHMENT B: 2 CFR PART 170

### Appendix A to Part 170—Award Term

#### I. Reporting Subawards and Executive Compensation

##### a. *Reporting of first-tier subawards.*

1. *Applicability.* Unless you are exempt as provided in paragraph d. of this award term, you must report each action that equals or exceeds \$30,000 in Federal funds for a subaward to a non-Federal entity or Federal agency (see definitions in paragraph e. of this award term).
2. *Where and when to report.*
  - i. The non-Federal entity or Federal agency must report each obligating action described in paragraph a.1. of this award term to <http://www.fsrs.gov>.
  - ii. For subaward information, report no later than the end of the month following the month in which the obligation was made. (For example, if the obligation was made on November 7, 2010, the obligation must be reported by no later than December 31, 2010.)
3. *What to report.* You must report the information about each obligating action that the submission instructions posted at <http://www.fsrs.gov> specify.

##### b. *Reporting total compensation of recipient executives for non-Federal entities.*

1. *Applicability and what to report.* You must report total compensation for each of your five most highly compensated executives for the preceding completed fiscal year, if—
  - i. The total Federal funding authorized to date under this Federal award equals or exceeds \$30,000 as defined in 2 CFR 170.320;
  - ii. in the preceding fiscal year, you received—
    - (A) 80 percent or more of your annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards), and
    - (B) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and,
  - iii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
2. *Where and when to report.* You must report executive total compensation described in paragraph b.1. of this award term:
  - i. As part of your registration profile at <https://www.sam.gov>.
  - ii. By the end of the month following the month in which this award is made, and annually thereafter.

##### c. *Reporting of Total Compensation of Subrecipient Executives.*

1. *Applicability and what to report.* Unless you are exempt as provided in paragraph d. of this award term, for each first-tier non-Federal entity subrecipient under this award, you shall report the names and total compensation of each of the subrecipient's five most

highly compensated executives for the subrecipient's preceding completed fiscal year, if—

- i. in the subrecipient's preceding fiscal year, the subrecipient received—
    - (A) 80 percent or more of its annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards) and,
    - (B) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts), and Federal financial assistance subject to the Transparency Act (and subawards); and
  - ii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/excomp.htm>.)
2. *Where and when to report.* You must report subrecipient executive total compensation described in paragraph c.1. of this award term:
- i. To the recipient.
  - ii. By the end of the month following the month during which you make the subaward. For example, if a subaward is obligated on any date during the month of October of a given year (*i.e.*, between October 1 and 31), you must report any required compensation information of the subrecipient by November 30 of that year.
- d. *Exemptions.* If, in the previous tax year, you had gross income, from all sources, under \$300,000, you are exempt from the requirements to report:
- i. Subawards, and
  - ii. The total compensation of the five most highly compensated executives of any subrecipient.
- e. *Definitions.* For purposes of this award term:
1. Federal Agency means a Federal agency as defined at 5 U.S.C. 551(1) and further clarified by 5 U.S.C. 552(f).
  2. Non-Federal *entity* means all of the following, as defined in 2 CFR part 25:
    - i. A Governmental organization, which is a State, local government, or Indian tribe;
    - ii. A foreign public entity;
    - iii. A domestic or foreign nonprofit organization; and,
    - iv. A domestic or foreign for-profit organization
  3. *Executive* means officers, managing partners, or any other employees in management positions.
  4. *Subaward:*
    - i. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible subrecipient.
    - ii. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see 2 CFR 200.331).
    - iii. A subaward may be provided through any legal agreement, including an agreement that you or a subrecipient considers a contract.

5. *Subrecipient* means a non-Federal entity or Federal agency that:
  - i. Receives a subaward from you (the recipient) under this award; and
  - ii. Is accountable to you for the use of the Federal funds provided by the subaward.
6. *Total compensation* means the cash and noncash dollar value earned by the executive during the recipient's or subrecipient's preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)).

END OF ATTACHMENT B: 2 CFR PART 170

## ATTACHMENT C: WHISTLEBLOWER NOTICE

Whistleblowers perform an important service to USDA and the public when they come forward with what they reasonably believe to be evidence of wrongdoing. They should never be subject to reprisal for doing so. Federal law protects federal employees as well as personal services contractors and employees of Federal contractors, subcontractors, grantees, and subgrantees against reprisal for whistleblowing. USDA bears the responsibility to ensure that nothing in a non-disclosure agreement which a contractor, subcontractor, grantee, or subgrantee requires their employees to sign should be interpreted as limiting their ability to provide information to the Office of Inspector General (OIG).

41 U.S.C. § 4712 requires the head of each executive agency to ensure that its contractors inform their workers in writing of the rights and remedies under the statute.

Accordingly, it is illegal for a personal services contractor or an employee of a Federal contractor, subcontractor, grantee, or subgrantee to be discharged, demoted, or otherwise discriminated against for making a protected whistleblower disclosure. In this context, these categories of individuals are whistleblowers who disclose information that the individual reasonably believes is evidence of one of the following:

- Gross mismanagement of a Federal contract or grant;
- A gross waste of Federal funds;
- An abuse of authority relating to a Federal contract or grant;
- A substantial and specific danger to public health or safety; or
- A violation of law, rule, or regulation related to a Federal contract (including the competition for or negotiation of a contract) or grant.

To be protected under 41 U.S.C. § 4712, the disclosure must be made to one of the following:

- A Member of Congress, or a representative of a committee of Congress;
- The OIG;
- The Government Accountability Office (GAO);
- A Federal employee responsible for contract or grant oversight or management at USDA;
- An otherwise authorized official at USDA or other law enforcement agency;
- A court or grand jury; or
- A management official or other employee of the contractor, subcontractor, or grantee who has the responsibility to investigate, discover, or address misconduct.

Under 41 U.S.C. § 4712, personal services contractors as well as employees of contractors, subcontractors, grantees, or subgrantees may file a complaint with OIG, who will investigate the matter unless they determine that the complaint is frivolous, fails to allege a violation of the prohibition against whistleblower reprisal, or has been addressed in another proceeding. OIG's investigation is then presented to the head of the executive agency who evaluates the facts of the investigation and can order the contractor, subcontractor, grantee, or subgrantee



to take remedial action, such as reinstatement or back pay.

Federal Acquisition Regulation (FAR) Subpart 3.903, *Whistleblower Protections for Contractor Employees, Policy*, prohibits government contractors from retaliating against a contract worker for making a protected disclosure related to the contract. FAR Subpart 3.909-1 prohibits the Government from using funds for a contract with an entity that requires its employees or subcontractors to sign internal confidentiality statements prohibiting or restricting disclosures of fraud, waste, or abuse to designated persons. This prohibition does not contravene agreements pertaining to classified information. The regulation also requires contracting officers to insert FAR clause 52.203-17, *Contractor Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights*, in all solicitations and contracts that exceed the Simplified Acquisition Threshold as defined in FAR Subpart 3.908. This clause requires notification to contractor employees that they are subject to the whistleblower rights and remedies referenced in 41 U.S.C. § 4712.

In order to make a complaint alleging any of the violations mentioned above, one should complete the OIG Hotline form located at: <https://www.usda.gov/oig/hotline>. For additional information, they may also visit the WPC's webpage at: <https://www.usda.gov/oig/wpc> or they may directly contact the WPC at [OIGWPC@oig.usda.gov](mailto:OIGWPC@oig.usda.gov).

Application for Federal Assistance SF-424		
<b>* 1. Type of Submission:</b> <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	<b>* 2. Type of Application:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	<b>* If Revision, select appropriate letter(s):</b> <input type="text"/> <b>* Other (Specify):</b> <input type="text"/>
<b>* 3 Date Received:</b> 07/20/2023	<b>4. Applicant Identifier:</b> Not Applicable	
<b>5a. Federal Entity Identifier:</b> <input type="text"/>	<b>5b. Federal Award Identifier:</b> 23-DG-11052012-451	
<b>State Use Only:</b>		
<b>6. Date Received by State:</b> <input type="text"/>	<b>7. State Application Identifier:</b> <input type="text"/>	
<b>8. APPLICANT INFORMATION:</b>		
<b>* a. Legal Name:</b> County of Nevada		
<b>* b. Employer/Taxpayer Identification Number (EIN/TIN):</b> 94-6000526	<b>* c. UEI:</b> QDBBKGRJTRL5	
<b>d. Address:</b>		
<b>* Street1:</b> 950 Maidu Avenue	<input type="text"/>	
<b>Street2:</b>	<input type="text"/>	
<b>* City:</b> Nevada City	<input type="text"/>	
<b>County/Parish:</b>	<input type="text"/>	
<b>* State:</b> CA: California	<input type="text"/>	
<b>Province:</b>	<input type="text"/>	
<b>* Country:</b> USA: UNITED STATES	<input type="text"/>	
<b>* Zip / Postal Code:</b> 95959-3600	<input type="text"/>	
<b>e. Organizational Unit:</b>		
<b>Department Name:</b> Office of Emergency Services	<b>Division Name:</b> <input type="text"/>	
<b>f. Name and contact information of person to be contacted on matters involving this application:</b>		
<b>Prefix:</b> Mrs.	<b>* First Name:</b> Alex	<input type="text"/>
<b>Middle Name:</b>	<input type="text"/>	
<b>* Last Name:</b> Keeble-Toll	<input type="text"/>	
<b>Suffix:</b>	<input type="text"/>	
<b>Title:</b> Senior Administrative Analyst		
<b>Organizational Affiliation:</b> County of Nevada, Office of Emergency Services		
<b>* Telephone Number:</b> 530-470-2521	<b>Fax Number:</b> <input type="text"/>	
<b>* Email:</b> alex.keeble-toll@nevadacountyca.gov		

**Application for Federal Assistance SF-424**

**\* 9. Type of Applicant 1: Select Applicant Type:**

B: County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

**\* 10. Name of Federal Agency:**

USDA Forest Service

**11. Catalog of Federal Domestic Assistance Number:**

10.720

CFDA Title:

Infrastructure Investment and Jobs Act Community Wildfire Defense Grants

**\* 12. Funding Opportunity Number:**

USDA-FS-2022-CWDG-CWSF

\* Title:

FY2022 Community Wildfire Defense Grant

**13. Competition Identification Number:**

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

Add Attachment

Delete Attachment

View Attachment

**\* 15. Descriptive Title of Applicant's Project:**

The purpose of this project is to update the Nevada County Community Wildfire Protection Plan thereby providing a scientifically defensible and locally endorsed road map for wildfire mitigation.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

**Application for Federal Assistance SF-424**

**16. Congressional Districts Of:**

\* a Applicant

\* b Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

**17. Proposed Project:**

\* a Start Date:

\* b End Date:

**18. Estimated Funding (\$):**

* a Federal	<input type="text" value="250,000.00"/>
* b Applicant	<input type="text" value="90,800.00"/>
* c State	<input type="text"/>
* d Local	<input type="text"/>
* e Other	<input type="text"/>
* f Program Income	<input type="text"/>
* g TOTAL	<input type="text" value="340,800.00"/>

**\* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

**\* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

- Yes
- No

If "Yes", provide explanation and attach

**21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

\*\* I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

**Authorized Representative:**

Prefix:  \* First Name:   
Middle Name:   
\* Last Name:   
Suffix:

\* Title:

\* Telephone Number:  Fax Number:

\* Email:

\* Signature of Authorized Representative: 

\* Date Signed:

**BUDGET INFORMATION - Non-Construction Programs**

OMB Number: 4040-0006  
Expiration Date: 02/28/2025

**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Infrastructure Investment and Jobs Act Community Wildfire Defense Grants	10.720	\$ <input type="text"/>	\$ <input type="text"/>	\$ 250,000.00	\$ 90,800.00	\$ 340,800.00
2. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.00	<input type="text"/>	0.00
4. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	0.00	<input type="text"/>	0.00
<b>5. Totals</b>		\$ <input type="text"/>	\$ <input type="text"/>	\$ 250,000.00	\$ 90,800.00	\$ 340,800.00



**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Infrastructure Investment and Jobs Act Community Wildfire Defense Grants				
a. Personnel	\$ (Match) 54,480.00	\$	\$	\$	\$ 54,480.00
b. Fringe Benefits	(Match) 36,320.00				36,320.00
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual	250,000.00				250,000.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	340,800.00				\$ 340,800.00
j. Indirect Charges					\$
k. TOTALS (sum of 6i and 6j)	\$ 340,800.00	\$	\$	\$	\$ 340,800.00
7. Program Income	\$	\$	\$	\$	\$

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. Infrastructure Investment and Jobs Act Community Wildfire Defense Grants	\$ <input type="text"/>	\$ <input type="text"/>	\$ 90,800.00	\$ 90,800.00	
9. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
10. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
11. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
12. TOTAL (sum of lines 8-11)	\$ <input type="text"/>	\$ <input type="text"/>	\$ 90,800.00	\$ 90,800.00	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 44,232.00	\$ <input type="text"/>	\$ <input type="text"/>	\$ 22,116.00	\$ 22,116.00
14. Non-Federal	\$ 90,800.00	<input type="text"/>	<input type="text"/>	90,800.00	<input type="text"/>
15. TOTAL (sum of lines 13 and 14)	\$ 135,032.00	\$ <input type="text"/>	\$ <input type="text"/>	\$ 112,916.00	\$ 22,116.00
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. Infrastructure Investment and Jobs Act Community Wildfire Defense Grants	\$ 44,232.00	\$ 205,768.00	\$ <input type="text"/>	\$ <input type="text"/>	
17. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
18. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
19. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
20. TOTAL (sum of lines 16 - 19)	\$ 44,232.00	\$ 205,768.00	\$ <input type="text"/>	\$ <input type="text"/>	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges: <input type="text"/>		22. Indirect Charges: <input type="text"/>			
23. Remarks: <input type="text"/>					

0	<b>Admin Section</b>			

1	<b>Proposal Cooperator [CA]</b>					
	Cooperator Organization:	County of Nevada				
	Contact Person:	Paul Cummings				
	Address:	950 Maidu Avenue				
	City:	Nevada City	State:	CA	ZIP Code:	95959
	Phone:	530-265-1515	Email:	paul.cummings@nevadacountyca.gov		

1	<b>Applicant Information [CA]</b>					
	Applicant:	County of Nevada				
	Contact Person:	Craig Griesbach				
	Address:	950 Maidu Avenue				
	City:	Nevada City	State:	CA	ZIP Code:	95959
	Phone (work/cell):	530-557-5118	Fax:	craig.griesbach@nevadacountyca.gov		
	Email:	craig.griesbach@nevadacountyca.gov				
Federal Tax Id:	94-6000526	DUNS#:	010979028			

2	<b>Project Information</b>			
	Name of the Project:	Nevada County Community Wildfire Protection Plan Update		
	Community Name(s):	All communities within the County of Nevada		
	Counties:	Nevada		
Congressional District:	1			

2	<b>GIS Coordinates</b>			
	Ref. Point Name:	Eric Rood Center		
	Lat/Long:	39.2701, -121.0264		
Description:	Main Government Building, County of Nevada			

### Brief Project Overview and Purpose

In rural, forested Nevada County, California, 92% of residents live in high to very high fire hazard severity zones (VHFHSZ) as defined by CAL FIRE. Many of these community members are also considered to be disadvantaged based on income per state and federal agency standards. In the last 10 years the County has been impacted by nine federally declared disasters, five of which were associated with wildfire.

□

The Sierra Nevada region where Nevada County is located is home to only 2% of Californias population who are stretched over 25 million acres of land. As a result, there are only eleven representatives of the Sierra Nevada in the California legislature. This creates challenges in developing state policies that recognize and direct resources to climate resilience and wildfire mitigation projects in the region even though such projects have benefit statewide.

3 The purpose of this project is to update the Nevada County Community Wildfire Protection Plan (CWPP) thereby providing a scientifically defensible and locally endorsed road map articulating the severity of the hazards that exist and the priority actions that must be taken to mitigate the risk. An updated CWPP will support a multiplicity of partners including local non-profits, the Fire Safe Council, Firewise Communities, State and Federal agencies, and the County itself in justifying needed projects to local, state, and federal leaders and funders. It will serve as a vehicle for coordinating diverse interests around wildfire mitigation including those associated with climate change and watershed impacts - and will equip implementation partners with a toolkit of resources so that the pace and scale of this work can be increased commiserate with the risk.

The Updated Nevada County CWPP is envisioned to function as a one-stop-shop for wildfire mitigation partners from individual community members on up. As scoped, the CWPP will consist of a Wildfire Risk Assessment, a Land Management Plan comprised of a suite of locally vetted treatment prescriptions for different land types, a CWPP Document, and an interactive Project Dashboard. Each of these components will be designed to function as independent resources and will also integrate with one another so that entities interested in pursuing projects can easily reference and strategically plan for implementation of priorities using best management practices (BMPs).

### Grant Component Type

4 The purpose of this grant is (1) Creating or Updating a Community Wildfire Protection Plan (CWPP) that is more than five (5) years old. County of Nevada seeks funding in order to modernize the intent, motive and purpose the Nevada County CWPP, which was last updated in 2016. At this point the County CWPP is significantly out of date. Over the last six years many priority projects included in the CWPP have been implemented. In addition, technical expertise, fire behavior modeling, hazard and risk assessment methodology and other key aspects of developing a sound CWPP have evolved. To address this, at the September 27 Board of Supervisors meeting Nevada County Office of Emergency Services (OES) requested permission to apply to the Community Wildfire Defense Grant (CWDG) Program in order to update the County CWPP. This proposed \$340,800 project would leverage a California Fire Safe Council Grant that OES was awarded last year for the Community Wildfire Coordinator in the amount of \$90,800 as the required minimum 10% match to our \$250,000 request from CWDG.

### Is your community considered "at-risk"

5 Most communities in Nevada County are at risk to wildfire identified in Wildland Urban Interface Communities Within the Vicinity of Federal Lands That Are at High Risk From Wildfire, issued by the Secretary of Agriculture and the Secretary of the Interior in accordance with title IV of the Department of the Interior and Related Agencies Appropriations Act, 2001 (114 Stat. 1009) (66 Fed. Reg. 753, January 4,2001) including: 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, 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, North Bloomfield, North Columbia, North San Juan, Peardale, 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.

According to the State of California, the same communities and an additional 5 are also considered at risk from wildfire.: <https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/fire-plan/communities-at-risk/#n> The additional 5 communities include Kingvale, Lake of The Pines, Newtown, Norden, and North San Juan.

### Roofing Code/Ordinance

6 Yes, Nevada County has an ordinance associated with roofing. Nevada County has adopted via the local Building Ordinance a standard requirement for Class A listed roofing that exceeds the standards set forth in the California Building Standards Codes or the International Building & Residential Codes.

**Grant Waiver**

7

County of Nevada is not applying for a grant waiver. Despite serving numerous under-resourced and under-represented communities the County of Nevada does not request a grant waiver as we feel it is our civic duty to mitigate the loss of life and property associated with wildfire.



## Project Description

According to the USFS Influence of Forest Structure on Wildfire Behavior and the Severity of Its Effects Report, of the four factors that contribute to catastrophic wildfires, Only fuel abundance can be directly influenced through human intervention the treatments to reduce fuels can significantly modify fire behavior and severity and reduce environmental damage caused by fire.

The purpose of this project is to update a Community Wildfire Protection Plan (CWPP) that is more than five (5) years old so that the pace and scale of strategic wildfire mitigation actions can be increased, thus reducing the potential for catastrophic impacts in our communities. County of Nevada seeks funding in order to modernize the intent, motive and purpose the Nevada County CWPP, which was last updated in 2016. At this point the County CWPP is significantly out of date. Over the last six years many priority projects included in the CWPP have been implemented. In addition, technical expertise, fire behavior modeling, hazard and risk assessment methodology and other key aspects of developing a sound CWPP have evolved.

Our current Community Wildfire Protection Plan (CWPP) does not take into consideration the 2018 California Forest Carbon Plan. This project will contribute to California Forest Carbon Plan (2018) actions and the Climate Justice Principles of the Safeguarding California Plan (2018) by addressing the imminent threat of wildfire in California's headwaters due to warmer temperatures, earlier spring snowmelt, and overall decline in forest health (Westerling, 2016). The revised CWPP will share the overarching goal of securing California's forests as healthy, resilient net sinks of carbon that provide a range of ecosystem and societal benefits while reducing greenhouse gas and black carbon emissions associated with uncharacteristic wildfire events, tree mortality and other disturbances, as well as management activities and conversion.

The CWPP will highlight a multitude of community projects that will assist in the enhanced productivity of carbon sequestration while simultaneously protecting human life and property. Best available science indicates that reductions in urban anthropogenic emissions will be offset by increased emissions from wildfire in the midcentury to the next century (Ford et al., 2018; Spracklen et al., 2009; Yue et al., 2013). Thus, investment in forest health and wildfire mitigation actions in the Sierra Nevada is an essential counterpart to urban tactics to increase climate resilience by reducing vehicle and industry associated pollution.

The forest ecosystems in and around the County of Nevada are predominately early to-mid seral stage, less fire tolerant species (often in monocultures), with tree stand densities that far exceed historic circumstances. Unhealthy forest conditions are prone to severe fire, posing a threat to watersheds and communities (Public Policy Institute of California, 2017; Sierra Nevada Conservancy (SNC), 2014; Van de Water and North, 2010 and 2011). Unhealthy forests and loss of forest to catastrophic wildfire reduces retention of precipitation, resulting in higher rates of run-off and less groundwater recharge at the regional scale and consequently less water available statewide. Frequent but more extreme rain-based precipitation may cause early snowmelt and flash flooding during heat waves, leading to landslides in areas where wildfire has occurred. As such, the wildfire mitigation actions identified as priorities in the Updated Nevada County CWPP not only protect our communities from the future natural hazard of wildfire, but from natural hazards associated with flooding, landslides, and water quality and quantity.

As our project will update the Community Wildfire Protection Plan, it therefore supports the goals and objectives of the California Strategic Fire Plan, the local CAL FIRE Unit Fire Plan, all Nevada County Fire District Plans, the Local Hazard Mitigation Plan, Fire Safe Council Action Plan, Firewise Community Assessment, and local homeowner association plans. Additional plans that our updated CWPP will encompass include the California Fire Hazard Severity Zone Map, California Forest Action Plan, Emergency Access Route Study, the Little Hoover Commission Report # 242 2018, and the National Action Plan 2014. Vegetation management, landowner assistance, and community outreach is stated as a priority in each plan.

8

The updated CWPP will refresh and re-enforce the three Healthy Forest Restoration Act CWPP requirements:

1.  Be collaboratively developed by local and state government agency representatives, in consultation with federal agencies and other interested parties.
2.  Identify and prioritize areas for hazardous fuel reduction treatments and recommend the types and methods of treatment that will protect one or more at-risk communities and essential infrastructure.
3.  Recommend measures that homeowners and communities can take to reduce the ignitability of structures in areas addressed by the plan. HFRA also requires that the applicable local government, local fire department(s), and the state entity responsible for forest management mutually agree to the final contents of the CWPP.

Finally, the updated Nevada County CWPP is inherently responsive to the three goals of the National Cohesive Wildland Fire Management Strategy (Cohesive Strategy):

This project restores and maintains landscapes across all jurisdictions in accordance with management objectives that are defensible and vetted with local experts so that traditional ecological knowledge (TEK) and place-based knowledge is integrated into meaningful and effective approaches. By creating a multidisciplinary, participatory, and equitable platform for development of the Nevada County CWPP that includes a Land Management Plan as an appendix we will ensure that this project creates and supports strategic opportunities to restore and maintain ecosystems from the 100-foot elevation level on up through the 10,000 level. This effort will encompass all of Nevada County and promote coordination across federal, state, and local jurisdictions to achieve wildfire and climate resilience at the landscape scale using commonly agreed upon methods, metrics, and evaluation scenarios so that as a region we can know better do better.

This project creates fire adapted communities by refusing to discount the role that individual community members have to play as stewards of fire adapted land(s) in Nevada County. The project recognizes that low-income residents and Tribes have been historically left out of processes whereby priorities are identified and proposes to advance a robust engagement plan to counter this. The Updated Nevada County CWPP will create a platform for identifying and implementing key projects and tracking lessons learned in order to increase the likelihood that all community members have the capacity to implement projects that will result in protection of life and property. An updated CWPP will support non-governmental organizations (including mission-drive non-profits) Tribes, Firewise Communities, various levels of local government Nevada County Office of Emergency Services, and individual

<b>Applicant Budget [CA]</b>					
	<b>Grant</b>	<b>Match</b>		<b>TOTAL</b>	
	<b>Funds Requested</b>	<b>Applicant</b>	<b>Non-Federal Contributors</b>	<b>Total Project Cost</b>	
<b>9</b>	<b>Personnel / Labor:</b>			\$47,216	\$47,216
	<b>Fringe Benefits:</b>			\$43,584	\$43,584
	<b>Travel:</b>				
	<b>Equipment:</b>				
	<b>Supplies:</b>				
	<b>Contractual:</b>	\$250,000			\$250,000
	<b>Other:</b>				
	<b>Indirect Costs:</b>				
	<b>TOTAL:</b>	<b>\$250,000</b>		<b>\$90,800</b>	<b>\$340,800</b>



## Project Budget Explanation

### Phase 1: Initial Program Process

1.  Identify Key Stakeholders and Agencies: 1 week @ \$1,600
2.  Initial Outreach: 4 weeks @ \$3,000
3.  Establish Program Boundaries and Base Maps: 1 week @ \$1,600
4.  Contractor Procurement: \$5,000 (flat)

TOTAL: \$11,200

Phase 1 will be implemented by the County of Nevada Wildfire Coordinator  
Funding Source: California Fire Safe Council (Match)

### Phase 2: Wildfire Risk Assessment

1.  Create Technical Advisory Committee (TAC): 1 week @ \$1,600
2.  Initial TAC Outreach: 3 weeks @ \$4,800
3.  Create Base Maps, Boundaries, and Assets/Resources At-Risk: 1 week @ \$1,600
4.  Wildfire Hazard Assessment: 3 weeks @ \$4,800
5.  Wildfire Risk Assessment: 4 weeks @ \$6,400
6.  Draft WRA Results: 2 weeks @ \$3,200
7.  Review Results with TAC: 3 weeks @ \$4,800
8.  Finalize WRA: 2 weeks @ \$3,200

TOTAL: \$30,400

Phase 2 will be implemented by the County of Nevada Wildfire Coordinator  
Funding Source: California Fire Safe Council (Match)

### Phase 3: Land Management Plan

1.  Create TAC: 1 week @ \$1,600
2.  Initial Outreach with TAC: 3 weeks @ \$4,800
3.  Set LMP Goals: 1 week @ \$2,000
4.  Define County BMPs: 3 weeks @ \$4,800
5.  Mitigation Strategies: 3 weeks @ \$4,800
6.  Draft LMP: 10 weeks @ \$16,000
7.  Project Priority Analysis: 2 weeks @ \$4,000
8.  Recommend Priority Project Areas: 2 weeks @ \$3,200
9.  Review Draft with TAC: 3 weeks @ \$4,800
10.  Final LMP: 2 weeks @ \$3,200

TOTAL: \$49,200

Phase 3 will be implemented by the County of Nevada Wildfire Coordinator  
Funding Source: California Fire Safe Council (Match)

### Phase 4: CWPP Document

1.  Create Development Team: 1 week @ \$2,500
2.  Set CWPP Goals: 1 week @ \$2,000
3.  Outreach with Applicable Agencies: 3 weeks @ \$6,000
4.  Initial Community Outreach: 6 weeks @ \$5,500
5.  Community Assessment: 5 weeks @ \$8,000
6.  Community Workshops: 6 weeks @ \$10,000
7.  Project Priority Analysis: 2 weeks @ \$5,000
8.  Recommend Priority Project Areas: 2 weeks @ \$3,200
9.  Mitigation Strategies: 3 weeks @ \$4,000
10.  Draft CWPP: 15 weeks @ \$65,000
11.  Post-Draft Outreach: 4 weeks @ \$7,500
12.  Circulate Draft: 4 weeks @ \$6,000
13.  Final CWPP: 2 weeks @ \$3,200
14.  Plan Adoption: 2 weeks @ \$3,200
15.  Printing: 1 unit @ \$1,600

TOTAL: \$132,700

Phase 4 will be implemented by Consultant 1  
Funding Source: CWDG

### Phase 5: Project Dashboard

1.  Produce Project Dashboard: 1 unit @ \$117,300

TOTAL: \$117,300

Phase 5 will be implemented by Consultant 2  
Funding Source: CWDG

TOTAL CWDG Funding: \$250,000 (2 Consultants)

TOTAL California Fire Safe Council (Match): \$90,800 (County Wildfire Coordinator Salary + Fringe Benefits @ 48%)

TOTAL PROJECT COST: \$340,800

## Accomplishments

The primary accomplishment of this project will be the Updated Nevada County Community Wildfire Protection Plan. This will consist of a tangible toolbox that includes a Wildfire Risk Assessment, a Land Management Plan, a CWPP Document, and an interactive Project Dashboard. Each of these items will be a standalone resource and taken in sum these items will provide a comprehensive one-stop-shop of resources to support planning for and implementing wildfire mitigation projects.

The steps to achieve the primary accomplishment, and the timeline and deliverables associated with each of the five project phases is described below. In addition to these quantitative project outcomes, this project will result in the qualitative benefit of increased trust and partnership among the multitude of diverse stakeholders working to address wildfire mitigation in Nevada County.

### Phase 1: Initial Process and Outreach

#### 1.1 Identify Key Stakeholders and Agencies

Create a synthesized list of key stakeholders and agencies (Federal, State, and Local) who may be key pieces in outreach.

#### 1.2 Initial Outreach with Key Stakeholders and Agencies

Coordinate initial outreach with identified key stakeholders and agencies. The purpose is to discuss the overall program, program expectations, and tentative timeline. The goal is to begin establishing a consistent relationship with key groups.

#### 1.3 Establish Program Boundary and Base Maps

Create program boundaries and base maps for aspects of the projects. Potential base maps:

- Program Boundary
- WUI Boundary
- Fire History
- Fire Hazard Areas

Timeline: January 2023-February 2023

Deliverable(s): List of Stakeholders; List of CWPP Outreach Events Convened; Base Maps.

### Phase 2: Wildfire Risk Assessment (WRA)

#### 2.1 Technical Advisory Committee

Create a technical advisory committee (TAC) to inform and advise on fire modeling consisting of two layers the first being comprised of fire behavior experts to directly aid in the fire behavior modeling. The second layer will be representatives from the local fire agencies to provide ground truthing on the modeling results.

##### 2.1.1 Initial Outreach With TAC

Initial Outreach with the TAC will be phased. Phase one will be outreach with the fire behavior advisors to overview the methodology approach and data needs. Phase two will be initial engagement with the second layer of the TAC to inform them of the wildfire risk assessment project and expectations.

#### 2.2 Create Base maps, Identify Communities Boundaries, and Assets at Risk

Create base maps for the risk assessment (vegetation, fuel, and topography) including community boundaries. Identify and categorize High-Value Resources and Assets at Risk.

#### 2.3 Conduct Hazard Assessment

Use the Interagency Fuel Treatment Decision Support System (IFTDSS) program to conduct a wildfire hazard assessment. Perform a Landscape Burn Probability analysis to determine the Integrated Hazard for the County.

#### 2.4 Conduct Risk Assessment

Use IFTDSS to conduct a Quantitative Wildfire Risk Assessment (QWRA) to evaluate wildfire risk for the County. Analyze the level of exposure of identified high-value resources and assets at risk to wildfire using the results from the hazard assessment and the QWRA. The QWRA determines the likelihood of a fire occurring and the potential impact on resources.

#### 2.5 WRA Results Review with TAC

Initially meet with the first level of the TAC to confirm the results. Review the results with the second layer of the TAC to ground the truth of the results.

#### 2.6 Finalize WRA

Adjust the WRA based on feedback.

Timeline: January 2023-May 2023

Deliverable(s): WRA Results Maps and WRA Report

### Phase 3: Land Management Plan (LMP)

#### 3.1 Create TAC

Create a TAC consisting of major land managers in the County.

#### 3.2 Initial Outreach with TAC

Initial outreach with the TAC to discuss the overview of the Program, overview of the Land Management Plan (LMP), and provide initial opportunities for feedback on existing land management in the County.

#### 3.3 Draft LMP

## Collaboration

The Updated Nevada County CWPP is intended to be a one-stop-shop for planning and implementing wildfire mitigation priorities that is accessible to all members of our community interested in engaging in and supporting this work. We have intentionally designed our approach to the CWPP Update to be multi-faceted so that there is an opportunity to leverage a range of qualitative and quantitative data, including place-based knowledge, traditional ecological knowledge, and technical expertise.

Each aspect of the CWPP will serve as a vehicle for engaging with a unique group of stakeholders. For example, development of the Wildfire Risk Assessment, will involve the participation of those with technical expertise around fire behavior from local, state, and federal agencies to define the hazard(s) but will also include public participatory mapping around risk to ensure that community values are captured in the context of what is defined as a priority mitigation action. The Land Management Plan will rely on the expertise of local ecologists, botanists, soil scientists, Tribal members, wildlife biologists, hydrologists, registered professional foresters and other content experts to deploy a data-driven approach for identifying best management practices (BMPs) for the implementation of wildfire mitigation actions. The result will be a Land Management Plan comprised of a suite of locally vetted treatment prescriptions for different land types. The CWPP Document, will build off the Wildfire Risk Assessment and will take into consideration community input in the identification of specific priority projects and more generalized priority project areas. This approach will provide clearly defined needs and will also be a flexible enough framework that as new priorities rise to the fore they too can be justified as important using the CWPP. Finally, the interactive Project Dashboard will function as a collaborative GIS data clearinghouse and will be a tool for project proponents to use to strategically plan and engage with one another around mutually important projects. Each of these components will exist as independent resources but will integrate seamlessly.

Previous Nevada County CWPP stakeholders included California State Parks, U.S Forest Service, Yuba Watershed Inst., Bureau of Land Management, South Yuba River Citizens League, CDF, California Department of Fish & Game, Fire Safe Council of Nevada County, Northern Sierra Air Quality Board, Yuba Watershed Council, Siller Bros, and Sierra Pacific Industries.

Our preliminary list of stakeholders committed to supporting the process of updating the CWPP includes Nevada City Fire Safety Advisory Committee, CAL FIRE, California State Parks, Truckee Fire Protection District, Nevada County Consolidated Fire, U.S Forest Service, Yuba Watershed Institute, Bureau of Land Management, South Yuba River Citizens League, Fire Safe Council of Nevada County, Northern Sierra Air Quality Management District, Sierra Streams Institute, Nevada County Resource Conservation District, and Yuba Bear Burn Cooperative. These stakeholders have a direct relationship to land use in Nevada County, to implementation of this plan, to fire protection activities or to environmental issues which the plan raises.

In our effort to gear up for the process of updating the Nevada County CWPP, over the last three months Nevada County OES has deployed a Community Stakeholder Engagement Plan coordinated around four core activities. As we have worked our way through the core activities we have created a Master Wildfire Stakeholders Contact List featuring individual tabs for the following: Firewise Communities, Virtual Office Hours, Fire-Related NGOs, Local Agencies, State Agencies, Federal Agencies, Fire Protection, Eastern County, Quarterly Wildfire Stakeholder Meeting, and Other. We plan to rely on this list when the time comes for more robust community engagement. The specifics of our effort to engender a collaborative CWPP process are listed below by core activity:

1.  Outreach Events: Events that the Nevada County Wildfire Coordinator has participated in to build awareness of the OES program and CWPP Update process:

Events attended included:

- Nevada City Summer Nights
- Grass Valley Market
- First Friday Art Walk
- Coalition of Firewise Communities
- Nevada County Fair
- Nevada County Fire Safety Advisory Council
- Quarterly Wildfire Stakeholder Meeting
- Tahoe Donner Bingo Night
- Tahoe Donner 11th Annual Fall Festival

1  
2  Firewise Community Outreach: Email introduction followed by in-person meet and greet with Firewise Community (FWC) leaders in order to build relationships with those communities already actively interacting with OES, to leverage their relationships to engage with additional FWC, and to connect FWC leaders with like interests and needs in order to build broader networks of protection by tying neighborhood-based interests and projects into larger-scale visions.

Meetings Held:

- West End Donner Lake
- Serene Lakes
- Tahoe Donner
- Deer Creek Southside
- Greater Champion
- Ananda Village
- Salmon-Mine East Sages

Follow-up to build capacity of FWC to participate in CWPP Update by holding Virtual Office Hours themed drop-in office hours every other Friday for two hours on zoom. Thus far turn-out has been 20 plus people per meeting. For each Virtual Office Hours a Powerpoint presentation is created. The meetings are recorded, and the recordings are posted on a private YouTube channel so that participants can go back and re-watch. There is a unique contact list associated with the Virtual Office Hours. Folks can be added to the list by request.

## Landscape Impacts

The greatest threat to life and property, air quality, watershed and ecological health, and to the ability of California to sequester carbon and mitigate climate change impacts is wildfire. Years of drought and a century of fire suppression have resulted in millions of acres of stressed, desiccated, dense forests that are at risk of ignition - with the potential to release unprecedented amounts of carbon and fine particulate matter (PM2.5) and detrimentally effect communities near and far.

Six of the seven largest fires in California history have occurred in the last two years, including two that exceeded one million acres in size and two that crossed from one side of the Sierra to the other something that had never happened in recorded history. From 2000-2019 California lost an average of 600 thousand acres per year to wildfire; in the last two years over seven million acres have burned a six-fold annual increase.

Nevada Countys population of over 102,240 resides in 53,186 housing structures (US Census v 2016) spread across a landscape of 974 square miles that ranges in elevation from 100 feet to 10,000 feet. In the unincorporated areas of Nevada County, approximately 28,000 parcels are located within the WUI as defined by the 2016 Nevada County Community Wildfire Protection Plan (CWPP). Moreover, according to Cal Fire, Nevada County has over 25,000 structures in the State Responsibility Area, which is the 5th highest county in California.

The scale of this project is all jurisdictions within the County of Nevada. As part of updating the 2016 Nevada County CWPP, this project will conduct a comprehensive audit of projects that are planned, underway, or complete so that an accurate picture of where we are and where we need to go can be ascertained. This will support the identification of priority wildfire mitigation projects and best management practices (BMPs) for implementation that are applicable County-wide. Many of the projects contained in the 2016 CWPP that were previously implemented are now in need of maintenance and the identification of BMPs is key to ensuring that future projects are successful and that their maintenance is sustainable.

Nevada County has historically relied on the 2016 CWPP and the CAL FIRE Nevada-Yuba-Placer (NEU) Strategic Plan as vehicles for identifying priorities for wildfire mitigation and have been successful in securing funding for a number of shaded fuel break projects including the Ponderosa West Grass Valley Defense Zone (1,300 acres), the South County Shaded Fuel Break ( 339 acres), the Woodpecker Ravine Shaded Fuel Break (410 acres), and the Ponderosa West Grass Valley Defense Zone Phase 2 Fuels Reduction Project (300 acres). Funding is currently pending for the South Yuba Rim Hazardous Fuels Reduction Project (800 acres).

We have recently expanded our vision to determine where opportunities to knit together projects exist and envision the Project Dashboard component of the CWPP to be an invaluable tool for determining where resources can be directed to fill in spaces between projects and create more contiguous wildfire protection. To this end, Nevada County OES has been actively meeting with local partners including the Nevada County Fire Safe Council and local non-profits in order to better understand the projects they have planned and underway so that these projects can be integrated into strategizing around how to best leverage and extend net benefits.

**1**  
**3** Though the focus of this project is the landscape of Nevada County, we recognize that wildfire does not heed arbitrary lines and as such the Nevada County Office of Emergency Services (OES) has engaged with adjacent Placer, Yuba, and Sierra Counties in order to ascertain how the Nevada County CWPP may be leveraged for larger regional benefits and how we can learn from successful projects to boost outcomes for our rural forested communities. For example, the 30,000-acre French Meadows Restoration Project in Placer County is a model collaborative project that has involved coordination among United States Forest Service (USFS), Placer County Water Agency, Placer County, and others, all of whom recognize the value in working together. See [www.placer.ca.gov/5775/French-Meadows-Restoration-Project](http://www.placer.ca.gov/5775/French-Meadows-Restoration-Project). Similarly, the North Yuba Forest Partnership in Yuba and Sierra Counties involves USFS, Yuba Water Agency, non-profit South Yuba River Citizens League, and others with a goal of treating 275,000 acres. See [www.yubaforest.org](http://www.yubaforest.org). We have met with representatives of both of these projects to discuss our approach to the Updated Nevada County CWPP and anticipate future collaboration so that what is happening at the landscape scale in Nevada County is aligned with work of regional benefit.

Alignment with regional goals is an important component of ensuring that the wildfire mitigation actions pursued by County of Nevada benefit not just our communities but other rural forested communities and residents of the State of California at large. At the regional scale many of climate change impacts as well as opportunities and barriers to addressing these are shared.

The UCLA Center for Climate Science predicts that under climate change conditions the Sierra Nevada will warm by 4 degrees by mid-century and there will be a 30% loss of seasonal snowpack (Reich et al., 2018). According to Cal-Adapt, a dramatic increase in annual heat-waves is expected for the Sierra Nevada by 2021. Temperatures are rising at faster rates in the mountains than in other regions, leading to an increased number of heat events. Warmer temperatures, less snow and consequent drier conditions result in longer fire seasons and more pests and disease in the forests (Sierra Nevada Conservancy (SNC), 2014). Fire season is expected to average 23 days longer by 2050 as compared to 2013 (Yue et al., 2015). With wildfire comes smoke - fine particulate matter (PM2.5) due to fire emissions is predicted to increase 150-170% in the Western United States by 2050 (Yue et al., 2013).

Wildfire mitigation projects represent an opportunity to foster climate resilience that is beneficial statewide. The Updated Nevada County CWPP will provide a roadmap to this resilience by delineating priority projects and the best practices for implementing them. Forests are Californias largest carbon sink (California Air Resources Board (CARB), 2018) and more than 70% of carbon-storing forested land in California is in the Sierra Nevada (SNC, 2018). If our forests burn, they are our states single greatest carbon emission liability. However, through wildfire mitigation projects like shaded fuel breaks we can restore healthy forests that are less likely to burn and store more carbon.

Nationwide forests offset nearly 16% of the countrys carbon dioxide emissions. Historically, Sierra Nevada forests have played a major role in removing carbon dioxide from the atmosphere and storing it as carbon in the soil, branches, and trunks of trees. As forest conditions decline, these ecosystems are undergoing a shift from being Californias largest carbon sink to a carbon source. In 1990, forested areas were removing an estimated 13 million metric tons of carbon dioxide a year; between 2001 and 2011 Californias forests emitted more carbon than they sequestered (Gonzales et al. 2015; SNC 2019)



## Project Sustainability

Prior to European settlement in California, low intensity fires took place regularly. In fact, much of the California ecosystem was adapted to fire. However, more than a century of fire suppression policy has resulted in an unnaturally high level of accumulated fuels. A warming climate is exacerbating the threat of wildfire, putting communities at risk of larger, more destructive, and deadlier wildfires which wreak havoc not only on residents, but also on economies and the environment. In order for our rural forested communities to be resilient and sustainable into the future we must take action to strategically mitigate wildfire risk.

1  
4  
Community Wildfire Protection Plans (CWPPs) enable communities to plan how they will reduce the risk of wildfire. The primary goal of the CWPP is to protect human life, private property, essential infrastructure and resources through the implementation of fire prevention projects that work to increase public awareness, improve forest health, sustain local wildlife and preserve the natural beauty of the area. The Updated Nevada County CWPP will have a number of environmental, public health, safety, and climate resiliency co-benefits as it will primarily address hazards and risks at a landscape scale. As the CWPP is a community plan, and not a government agency plan, it is developed with active community involvement where government agencies are partners in the process. The CWPP process permits communities to develop plans to fit local, social, and ecological contexts, at a scale where, as a community, we can accomplish and maintain a reduced wildfire risk to our respective communities while creating a means for robust community coordination.

In creating a roadmap for wildfire mitigation activities, the Updated Nevada County CWPP is inherently sustainable this project will sustain itself because it will result in the development of a coalition of committed partners who have an actionable list of priorities and a Land Management Plan that delineates how these priorities should be implemented for greatest net benefit. To further ensure that the Updated Nevada County CWPP project will be sustained after the grant period, the Nevada County Office of Emergency Services (OES) has hired our first ever County Wildfire Coordinator. The seed money for this position came via a grant award from the California Fire Safe Council, however, County leadership in recognizing the importance of community engagement and coordination around wildfire mitigation opted to make this a full-time permanent staff role. A key goal of this staff member in the near term is to support the work needed to update the 2016 Community Wildfire Protection Plan (CWPP) and thus create a consensus-based road-map for tackling priority projects across the County for years to come. In the future the County Wildfire Coordinator will work to ensure that the Wildfire Risk Assessment and Project Dashboard stay up-to-date and that as additional mitigation projects are identified they are folded in to the larger strategic wildfire mitigation plan for the County.

## Does this project benefit a low-income community?

Yes, this project benefits a low-income community.

County of Nevada is home to six (6) low-income communities as defined by the U.S Census. These communities are found in Census Tracts 6057000105, 6057000104, 6057000900, 6057000502, 6057000501, and 6057000600. Low-income census tracts are primarily located around Alta Sierra, Grass Valley, North San Juan, and Washington. See [www.census.gov/geographies/reference-maps/2020/geo/2020pl-maps/2020-census-tract.html](http://www.census.gov/geographies/reference-maps/2020/geo/2020pl-maps/2020-census-tract.html).

The California Department of Water Resources (DWR) defines a disadvantage community as a community where the annual median household income (MHI) is less than 80% of the Statewide annual MHI (PRC Section 75005(9)), while a Severely Disadvantaged Community is one where the annual MHI is less than 60% of the Statewide annual MHI. See <https://gis.water.ca.gov/app/dacs/>. Nevada County has two severely disadvantaged communities that will benefit from this project - Grass Valley (MHI: \$35,544), North San Juan (MHI: \$27,500) and three communities with MHIs just over the threshold for severely disadvantaged that will benefit - Penn Valley (MHI: \$40,668), Rough and Ready (MHI: \$40,821), and Nevada City (MHI: \$43,720).

1  
5  
An update to the CWPP will directly benefit low-income communities by providing guidance on programs available to economically distressed residents. These programs include low-cost chipping programs and Access and Functional Needs (AFN) programs for hazardous vegetation abatement. Implementation of priority projects articulated in the CWPP will reduce the risk and thus the deleterious impacts posed by wildfire, which disproportionately impact low-income communities. These impacts include:

**Employment:** Tourism is a key economic generator and service industry jobs are primarily held by those in lower-income brackets. Wildfire limits tourism-driven revenue streams and the jobs they support. Following the 2013 Rim Fire, Tuolumne County saw \$275,000 less in estimated income from tourism-driven occupancy tax on lodging (SNC, 2014). In South Lake Tahoe, some hotels saw a 20% decline in business due to wildfire smoke (SNC, 2014).

**Loss of Property:** Households that have home or renters insurance may have the capacity to recover from wildfire, however, insurance coverage in the WUI is increasingly difficult to obtain and, if available, is unaffordable to many that need it. Low-income communities, which are often underinsured, are at-risk for lifelong economic devastation in the face of wildfire.

**Health Impacts:** Epidemiologic evidence links exposure to wildfire smoke to adverse health outcomes (Liu et al., 2015; Reid et al., 2016). When air quality is poor, public health officials recommend reducing the amount, duration, and intensity of smoke exposure by using an air filter, recirculating indoor air, and limiting outdoor activity (Cascion, 2018). Low-income residents are less likely to live in homes with recirculating air and more likely work in labor-based outdoor occupations.

### Has this community been impacted by a severe disaster?

Yes, the community in which this project will occur has been impacted by a severe disaster within the previous ten years.

1  
6  
Within Nevada County, there have been multiple wildfire related emergencies declared by FEMA including: Lobo Fire (2017, DR-4301-CA); Jones Fire (2020, FM-5-332-CA), and Wildfires (2017, 2020, 2021, DR-4344-CA, DR-4558-CA, DR-4610-CA). Two emergencies were declared in 2017 for severe winter storms, flooding, and mudslides (DR-4301-CA, DR-4308-CA). The storms resulted in a high number of down trees and debris in communities and along roads used for fire access/evacuation that caused extensive, increases in wildfire hazard. As a result of COVID-19, FEMA declared a biological disaster for Nevada County in 2020 (DR-3428 and DR-4482). See <https://www.fema.gov/data-visualization/disaster-declarations-states-and-counties>.

Extended, severe drought has resulted in a Drought Emergency Proclamation by the state of California. <https://cww.water.ca.gov/emergency-county> The drought has contributed to increased wildfire hazard because very low and often extremely low fuel moisture levels are prevalent. This has resulted in increases in area burned, severity and size of fires.

The County is also considered mostly in severe drought, and approximately the western 1/5 in extreme drought according to NOAA <https://www.drought.gov/sectors/wildfire-management> as mapped (9/23/22) by the U.S. Drought Monitor.

### Does the project location have wildfire hazard potential?

Yes, this project is located within an area identified as having high or very high wildfire hazard potential.

The 2017 Nevada County Local Hazard Mitigation Plan Update states that wildland fire is the most significant natural hazard. Wildfires are an annual occurrence in Nevada County and typically appear toward the end of the long, dry summers. The last five years have shown an increase in significant wildfire events.

Almost all of Nevada County is mapped as very high/high fire hazard and/or risk by both CAL FIRE (California) and in the Cohesive Strategy. Nearly 92% of Nevada County residents live in high or very high fire hazard severity zones (VHFHSZs). See <https://egis.fire.ca.gov/FHSZ/>.

The Cohesive Strategy has all of Nevada County mapped as having a high Relative Risk of Fires of Concern, Figure 3.16 (2014 The National Strategy, Final Phase). See <https://www.forestsandrangelands.gov/strategy/thestrategy.shtml>.

1  
7  
Most communities in Nevada County are at risk to wildfire identified in Wildland Urban Interface Communities Within the Vicinity of Federal Lands That Are at High Risk From Wildfire, issued by the Secretary of Agriculture and the Secretary of the Interior in accordance with title IV of the Department of the Interior and Related Agencies Appropriations Act, 2001 (114 Stat. 1009) (66 Fed. Reg. 753, January 4, 2001) including: 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, 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, North Bloomfield, North Columbia, North San Juan, Peardale, 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.

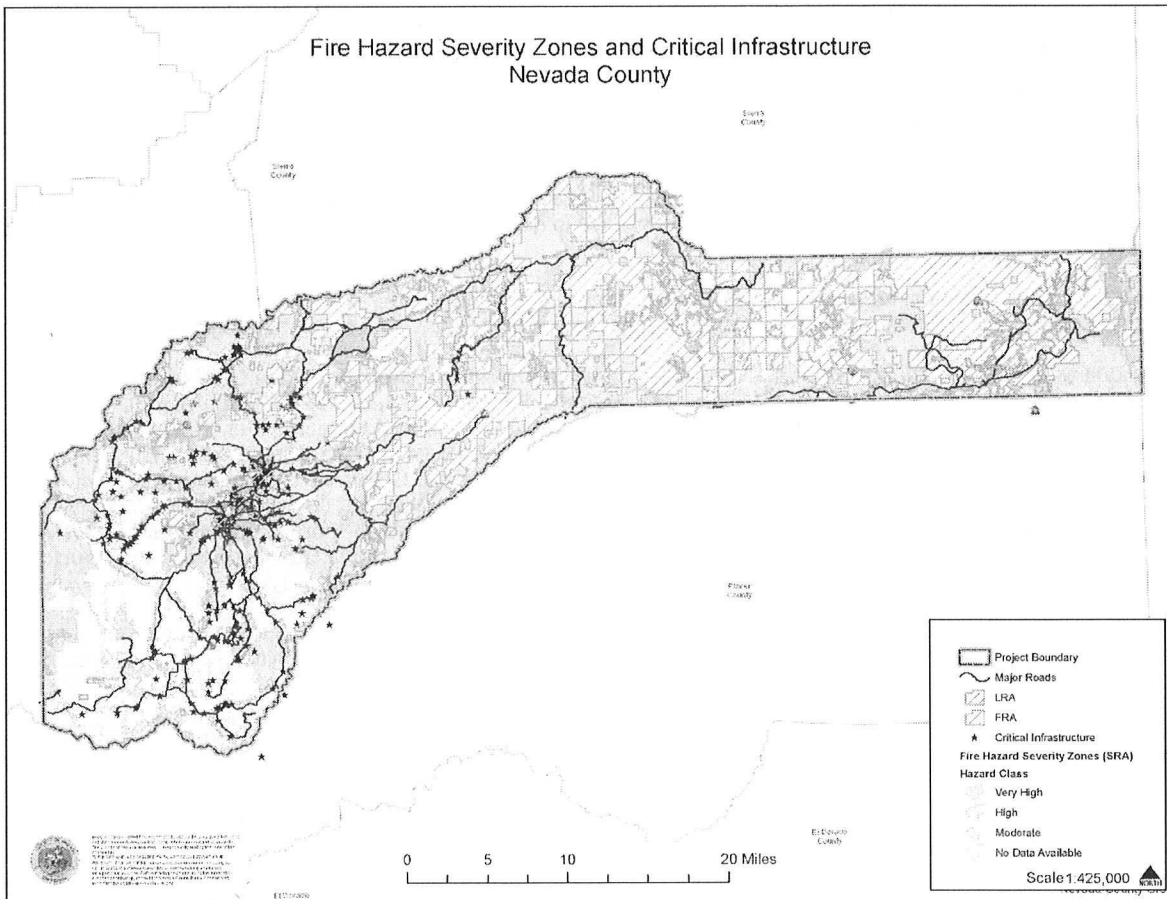
According to the State of California, the same communities and an additional 5 are also considered at risk from wildfire. See <https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/fire-plan/communities-at-risk/#n>. The additional 5 communities include Kingvale, Lake of The Pines, Newtown, Norden, and North San Juan.

Dense montane forests and dense chaparral are the dominant vegetation types in the County. Historically, frequent, low intensity/severity fire regimes were typical, but the landscape is currently highly departed from this regime. See LANDFIRE Fire Regime Groups and Departure Class, <https://landfire.gov/fireregime.php>. The departure is another measure of fuel hazard, forest/ecosystem health, and is manifested in wildfires that mostly burn at high or very high intensity with high tree mortality levels and significant probability of loss of life and property.

## Nevada County Community Wildfire Protection Plan Project

### AREAS AFFECTED BY PROJECT

This project is in Congressional District I, and encompasses the entirety of rural, forested Nevada County, California. In Nevada County, 92% of residents live in high to very high fire hazard severity zones (VHFHSZ) as defined by CAL FIRE. Many of these community members are also considered to be disadvantaged based on income per state and federal agency standards. In the last 10 years the County has been impacted by nine federally declared disasters, five of which were associated with wildfire.



**Figure 1: Nevada County, California.** Very High Fire Hazard Severity Zones (VHFHSZ) in the State Responsibility Area (SRA) are shown in red. Critical infrastructure is indicated by black stars. The location of the project is the entirety of the County.





# COUNTY OF NEVADA

Unique Entity ID <b>QDDBKGRJTRL5</b>	CAGE / NCAGE <b>1P6F2</b>	Purpose of Registration <b>Federal Assistance Awards Only</b>
Registration Status <b>Active Registration</b>	Expiration Date <b>Mar 19, 2024</b>	
Physical Address <b>950 Maidu AVE Nevada City, California 95959-8600 United States</b>	Mailing Address <b>950 Maidu Avenue Nevada City, California 95959-8600 United States</b>	

## Business Information

Doing Business as <b>(blank)</b>	Division Name <b>(blank)</b>	Division Number <b>(blank)</b>
Congressional District <b>California 03</b>	State / Country of Incorporation <b>(blank) / (blank)</b>	URL <b>https://www.mynevadacounty.com/</b>

## Registration Dates

Activation Date <b>Mar 21, 2023</b>	Submission Date <b>Mar 20, 2023</b>	Initial Registration Date <b>May 4, 2000</b>
--	--	---

## Entity Dates

Entity Start Date <b>Jan 1, 1999</b>	Fiscal Year End Close Date <b>Jun 30</b>
---	---

## Immediate Owner

CAGE <b>(blank)</b>	Legal Business Name <b>(blank)</b>
------------------------	---------------------------------------

## Highest Level Owner

CAGE <b>(blank)</b>	Legal Business Name <b>(blank)</b>
------------------------	---------------------------------------

## Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

## Proceedings Questions

Registrants in the System for Award Management (SAM.gov) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2. C.F.R. 200 Appendix XII. Their responses are displayed in the responsibility/qualification section of SAM.gov. Maintaining an active registration in SAM.gov demonstrates the registrant responded to the proceedings questions.

## Exclusion Summary

Active Exclusions Records?  
**No**

## SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:  
**Yes**

## Entity Types

<b>Business Types</b>		
Entity Structure <b>U.S. Government Entity</b>	Entity Type <b>US Local Government</b>	Organization Factors <b>(blank)</b>
Profit Structure <b>(blank)</b>		