

**DEPARTMENT OF FORESTRY AND FIRE PROTECTION**

P.O. Box 944246
SACRAMENTO, CA 94244-2460
(916) 653-7772
Website: www.fire.ca.gov



June 2, 2022

Scott De Leon
County of Lake
255 N. Forbes Street
Lakeport CA, 95453

5GG21103; Soda Bay Corridor Evacuation Route Planning and Maintenance Project

This Agreement cannot be considered binding on either party until approved by appropriate authorized CAL FIRE designee. No services should be provided prior to approval, as the State is not obligated to make any payments on any Agreement prior to final approval. FAILURE TO RETURN ALL DOCUMENTS BY DATE BELOW MAY RESULT IN LOSS OF FUNDING.

Please contact Cyrus Najarzadeh at (916) 531-1083 if you have questions concerning services to be performed.

1. ☒ Full grant agreement including terms and conditions, project grant application form, scope of work, budget, map, and other exhibits enclosed. Please sign, scan, and return the agreement to Bobby Nguyen at Bobby.Nguyen@fire.ca.gov no later than **June 10th, 2022**.

Alternatively, you may opt to print (single sided), sign in blue ink, and return the agreement with original signature to:
CAL FIRE

Attn: Grants Management Unit/FP Grants
P.O. Box 944246
Sacramento, CA 94244-2460

In order to expedite your agreement, a scanned/electronic signature copy of the agreement is preferred.

2. ☐ Enclosed for your record is one fully executed copy of the agreement referenced above. When billing for services performed under this agreement, your invoices must reference the agreement number above and be submitted to the contract manager.

Thank you,

Bobby Nguyen
Grants Analyst
Grants Management Unit

Enclosures

State of California
Department of Forestry and Fire Protection (CAL FIRE)
Office of the State Fire Marshal
GRANT AGREEMENT

APPLICANT: County of Lake
PROJECT TITLE: Soda Bay Corridor Evacuation Route Planning and Maintenance Project
GRANT AGREEMENT: 5GG21103

PROJECT PERFORMANCE PERIOD is from Upon Approval through March 15, 2024.

Under the terms and conditions of this Grant Agreement, the applicant agrees to complete the project as described in the project description, and the State of California, acting through the Department of Forestry & Fire Protection, agrees to fund the project up the total state grant amount indicated.

PROJECT DESCRIPTION: Implementing an appropriate vegetation maintenance program along with establishing standard protocols, routes, and procedures for individual emergency response agencies. The intended products will include a maintenance program and a reference document aimed at seamless coordination between agencies with respect to transportation and evacuation services. It would also further goals and policies of the County General Plan, Emergency Operations Plan, and the Regional Transportation Plan with respect to emergency planning.

Total State Grant not to exceed \$ 380,000.00 (or project costs, whichever is less).

**The Special and General Provisions attached are made a part of and incorporated into this Grant Agreement.*

County of Lake

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY
AND FIRE PROTECTION

Applicant

By

Signature of Authorized Representative

By

Title

Title: **Daniel Berlant, Deputy Director**

Date

Date

CERTIFICATION OF FUNDING

GRANT AGREEMENT NUMBER 5GG21103	PO ID	SUPPLIER ID
FUND 3228	FUND NAME Greenhouse Gas Reduction Fund	
PROJECT ID N/A	ACTIVITY ID N/A	AMOUNT OF ESTIMATE FUNDING \$ 380,000.00
GL UNIT N/A	BUD REF 005	ADJ. INCREASING ENCUMBRANCE \$ 0.00
PROGRAM NUMBER 2465010	ENY 2019	ADJ. DECREASING ENCUMBRANCE \$ 0.00
ACCOUNT 5340580	ALT ACCOUNT 5340580000	UNENCUMBERED BALANCE \$ 380,000.00
REPORTING STRUCTURE 35409205	SERVICE LOCATION 91152	

Acknowledged - I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance.

Certification of CAL FIRE Accounting Officer

Date

TERMS AND CONDITIONS OF GRANT AGREEMENT

I. RECITALS

1. This Agreement, is entered into between the State of California, by and through the California Department of Forestry and Fire Protection (CAL FIRE), hereinafter referred to as "STATE" and, County of Lake, hereinafter referred to as "GRANTEE".
2. The STATE hereby grants to GRANTEE a sum (hereinafter referred to as "GRANT FUNDS") not to exceed Three Hundred Eighty Thousand Dollars (**\$380,000.00**).
3. In addition to the terms and conditions of this Agreement, the STATE and GRANTEE agree that the terms and conditions contained in the documents set forth below are hereby incorporated and made part of this agreement.
 - a. California Climate Investments Department of Forestry and Fire Protection Fire Prevention Program Procedural Guide FY 2020-2021 and FY 2021-2022
 - b. The submitted Application, Scope of Work, Project Budget Workbook, GHG Emissions Workbook and Exhibits
 - c. ADDENDUM – CALIFORNIA CLIMATE INVESTMENTS (CCI) GRANT PROJECTS

II. SPECIAL PROVISIONS

1. Recipients of GRANT FUNDS pursuant to California Public Resources Code Section 4124.5 shall abide by the provisions in this Agreement. This includes the requirement that work shall not commence prior to the execution of this Agreement by both parties. Any work started prior to the execution of this Agreement will not be eligible for funding under the terms of this Agreement.
2. As precedent to the State's obligation to provide funding, GRANTEE shall provide to the STATE for review and approval a detailed budget, specifications, and project description. Approval by the STATE of such plans and specifications, or any other approvals provided for in this Agreement, shall be for scope and quality of work, and shall not relieve GRANTEE of the obligation to carry out any other obligations required by this Agreement, in accordance with applicable law or any other standards ordinarily applied to such work or activity.
3. All informational products (e.g., data, studies, findings, management plans, manuals, photos, etc.) relating to California's natural environment produced with the use of GRANT FUNDS shall be available for public use.

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III. GENERAL PROVISIONS**1. Definitions**

- a. The term "Agreement" means grant agreement number 5GG21103.
- b. The term "GRANT FUNDS" means the money provided by the STATE to the GRANTEE in this Agreement.
- c. The term "GRANTEE" means an applicant who has a signed Agreement for the award for GRANT FUNDS.
- d. The term "Other Sources of Funds" means all matching fund sources that are required or used to complete the Project beyond the GRANT FUNDS provided by this Agreement.
- e. The term "STATE" means the State of California, Department of Forestry and Fire Protection (CAL FIRE).
- f. The term "Project" means the development or other activity described in the "Project Scope of Work".
- g. The term "Project Budget Detail" as used herein defines the approved budget plan.
- h. The term "Project Scope of Work" as used herein means the individual scope of work describing in detail the approved tasks.

2. Project Representatives

The project representatives during the term of the agreement will be:

STATE: CAL FIRE	GRANTEE: County of Lake
Section/Unit: SAC	Section/Unit: N/A
Attention: Cyrus Najarzadeh	Attention: Scott De Leon
Mailing Address: 715 P Street Sacramento, CA 95814	Mailing Address: 255 N. Forbes Street Lakeport CA, 95453
Phone Number: (916) 531-1083	Phone Number: (707) 263-2341
Email Address: Cyrus.Najarzadeh@fire.ca.gov	Email Address: scott.deleon@lakecountycalifornia.gov

Changes to the project representatives during the term of the agreement shall be made in writing. Notice shall be sent to the above representative for all notice provisions of this Agreement.

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3. Project Execution

- a. Subject to the availability of grant monies, the STATE hereby grants to the GRANTEE a sum of money (GRANT FUNDS) not to exceed the amount stated on Section I. RECITALS, Paragraph 2 in consideration of and on condition that the sum be expended in carrying out the purposes as set forth in the description of the Project in this Agreement and its attachments and under the terms and conditions set forth in this Agreement.
- b. GRANTEE shall assume any obligation to furnish any additional funds that may be necessary to complete the Project. Any amendment to the Project as set forth in the Application on file with the STATE must be submitted to the STATE for approval in writing. No amendment is allowed until written approval is given by the STATE.
- c. GRANTEE shall complete the Project in accordance with the time of Project performance set forth in this Agreement, unless an amendment has been approved and signed by the STATE under the terms and conditions of this Agreement. Amendments must be requested in advance and will be considered in the event of circumstances beyond the control of the GRANTEE, but in no event less than 90 days from the Agreement expiration date and in no event less than 60 days before the effective date of the amendment. Approval of amendment is at the STATE's discretion.
- d. GRANTEE certifies that the Project Scope of Work complies with all local, State, and federal laws and regulations.
- e. GRANTEE shall comply with the California Environmental Quality Act (CEQA) (Public Resources Code, Section 21000, et. seq. Title 14, California Code of Regulations, Section 15000 et. seq.) and all other local, State, and federal environmental laws. A copy of the certified CEQA document must be provided to STATE before any GRANT FUNDS are made available for any Project activity that could directly impact the environment (e.g. cutting, piling or burning bush, masticating, dozer work, etc.). CEQA compliance shall be completed within one (1) year from start date of the Agreement. The start date is considered the date the last party signs the Agreement. GRANT FUNDS will be made available in advance of CEQA compliance for project activities that do not have the potential to cause a direct environmental impact (e.g. project planning, locating and marking property or project boundaries, contacting and signing up landowners, etc.).
- f. GRANTEE shall permit periodic site visits by representative(s) of the STATE to ensure program compliance and that work is in accordance with

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the approved Project Scope of Work, including a final inspection upon Project completion.

- g. GRANTEE, and the agents and employees of GRANTEE, in the performance of this Agreement, shall act in an independent capacity and not as officers, employees, or agents, of the STATE. No person who, as an officer, employee, or agent of the state participated in the preparation or creation of or determination to award this Grant Agreement shall serve as an agent or employee of GRANTEE including but not limited to those acts prohibited by Government Code Sections 1090, and 87100.

4. Project Costs and Payment Documentation

- a. Payment by the STATE shall be made after receipt of an acceptable invoice and approval by a duly authorized representative of the STATE. GRANTEE shall submit an invoice for payment to the CAL FIRE Project Representative of the STATE. A final invoice shall be submitted no later than 30 days after completion, expiration, or termination of this Agreement.
- b. For services satisfactorily rendered, and upon receipt and approval of invoices for payment, the STATE agrees to compensate GRANTEE for actual expenditures incurred in accordance with the rates specified herein, which is attached hereto, as Final Project Budget Detail, and made a part of this Agreement.
- c. Equipment purchased using GRANT FUNDS, wholly or in part, must be used by the GRANTEE for the project which it was acquired. STATE retains a vested interest in the equipment for the useful life of the equipment, even after completion of the grant. GRANTEE shall provide written disposition of the equipment upon completion of the grant and upon any changes to the disposition of the equipment. Such disposition must be approved in advance by STATE. Equipment purchased using GRANT FUNDS cannot be used as collateral, financed, or sold without prior written approval from the STATE.
- d. GRANTEE shall submit, in arrears, not more frequently than once a month, and no less than quarterly, an invoice to the STATE for costs paid by GRANTEE pursuant to this Agreement. Each invoice shall contain the following information: the Agreement number, the dates or time period during which the invoiced costs were incurred, expenditures for the current invoice and cumulative expenditures to date by major budget category (e.g., salaries, benefits, supplies, etc.), appropriate supporting documentation, project progress reports, and the signature of an authorized representative of GRANTEE as detailed in the Invoice Guidelines of the California Climate Investments Department of Forestry

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and Fire Protection Fire Prevention Program Procedural Guide FY 2020-2021 and FY2021-2022.

- e. GRANT FUNDS in this Agreement have a limited period in which they must be expended. All GRANTEE expenditures must occur prior to the end of the Project performance period of this Agreement.
- f. Except as otherwise provided herein, GRANTEE shall expend GRANT FUNDS in the manner described in the Project Budget Detail approved by the STATE. The dollar amount of an item in the Project Budget Detail may be increased or decreased by up to ten percent (10%) of the budget item through reallocation of funds from another item or items, without approval by the STATE; however, GRANTEE shall notify the STATE in writing in project progress reports when any such reallocation is made, and shall identify both the item(s) being increased and those being decreased. Any increase or decrease of an item of more than ten percent (10%) of the budget item must be approved in writing by the STATE before any such increase or decrease is made. A formal approved amendment is required to increase the total amount of GRANT FUNDS.
- g. GRANTEE shall promptly submit any and all records at the time and in the form as the STATE may request.
- h. GRANTEE shall submit each invoice for payment electronically to both the appropriate CAL FIRE Project Representative as identified in Item 2 and Northern Region Email Address (CNRGrants@fire.ca.gov). Hard copy submissions will not be accepted.
- i. Notwithstanding any of the provisions stated within this Agreement, the STATE may at its discretion make advance payment from the grant awarded to the GRANTEE if GRANTEE is a nonprofit organization, a local agency, a special district, a private forest landowner or a Native American tribe. Advance payment made by the STATE shall be subject to the following provisions.
 - GRANTEE shall submit a written request identifying how funds will be used over a six-month period. The written request must be accompanied by an invoice that contains the same level of detail as a regular invoice.
 - GRANTEE shall file an accountability report with STATE four months from the date of receiving the funds and every four months thereafter.
 - Multiple advance payments may be made to a GRANTEE over the life of a project.

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- No single advance payment shall exceed 25% of the total grant amount and must be spent on eligible costs within six months of the advance payment request. GRANTEE may request additional time to spend advance funds but must be approved in writing by the STATE. The balance of unspent advance payment funds not liquidated within the six-month spending period will be billed for the return of advanced funds to the STATE.
- All work under a previous advance payment must be fully liquidated via an invoice and supporting documentation and completed to the STATE's satisfaction before another advance payment will be made.
- Any advance payment received by a GRANTEE and not used for project eligible costs shall be returned to CAL FIRE. The amount will be returned to the grant balance.
- Advance payments must be deposited into an interest-bearing account. Any interest earned on advance payment funds must be accounted for and used toward offsetting the project cost or returned to the STATE.

5. Budget Contingency Clause

- a. If STATE funding for any fiscal year is reduced or deleted for purposes of the Fire Prevention Program California Climate Investments Grant Program, the STATE shall have the option to either cancel this Agreement with no liability occurring to the STATE, or if possible and desirable, offer an Agreement amendment to GRANTEE to reflect the reduced amount available for the Project.

6. Project Administration

- a. GRANTEE shall provide the STATE a written report showing total final Project expenditures and matching funds upon Project completion or grant expiration, whichever occurs first. GRANTEE must report to the STATE all sources of other funds for the Project. If this provision is deemed to be violated, the STATE will request an audit of GRANTEE and can delay the disbursement of funds until the matter is resolved.
- b. GRANTEE shall promptly submit written Project reports as the STATE may request throughout the term of this Agreement.
- c. GRANTEE shall submit a final accomplishment report, final invoice with associated supporting documentation, and copies of materials developed using GRANT FUNDS, including but not limited to plans, educational materials, etc. within 30 days of Project completion.

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7. Financial Records

- a. GRANTEE shall retain all records described in Section 7(c) below for three (3) years after final payment by the STATE. In the case an audit occurs, all such records shall be retained for one (1) year from the date is audit is completed or the three (3) years, whichever date is later.
- b. GRANTEE shall maintain satisfactory financial accounts, documents, and records for the Project and make them available to the STATE for review during reasonable times. This includes the right to inspect and make copies of any books, records, or reports of GRANTEE pertaining to this Agreement or matters related thereto.
- c. GRANTEE shall keep such records as the STATE shall prescribe, including, but not limited to, records which fully disclose (a) the disposition of the proceeds of state funding assistance, (b) the total cost of the Project in connection with such assistance that is given or used, (c) the amount and nature of that portion of the Project cost supplied by other sources, and (d) any other such records as will facilitate an effective audit. All records shall be made available to the STATE, other State of California agency, or other entity as determined by the State of California for auditing purposes at reasonable times.
- d. GRANTEE shall use any generally accepted accounting system.

8. Research

- a. GRANTEE that receives funding, in whole or in part, in the form of a research grant shall provide for free public access to any publication of a peer-reviewed manuscript describing STATE funded knowledge, STATE funded invention, or STATE funded technology shall be subject to the following conditions:
 - i. GRANTEE is responsible for ensuring that any publishing or copyright agreements concerning peer-reviewed manuscripts fully comply with this section
 - ii. GRANTEE shall report to STATE the final disposition of the peer-reviewed manuscript, including, but not limited to, if it was published, date of publication, where it was published, and, when the 12-month time period from official date of publication expires, where the peer-reviewed manuscript will be available for open access.
- b. For a peer-reviewed manuscript that is accepted for publication pursuant to the terms and conditions of this Agreement, the GRANTEE shall ensure that an electronic version of the peer-reviewed manuscript is available to

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STATE and on an appropriate publicly accessible repository approved by the state agency, including, but not limited to, the University of California's eScholarship Repository at the California Digital Library, the California State University's ScholarWorks at the Systemwide Digital Library, or PubMed Central, to be made publicly available not later than 12 months after the official date of publication. GRANTEE shall make reasonable efforts to comply with this requirement by ensuring that the peer-reviewed manuscript is accessible on an approved publicly accessible repository, including notifying the state agency that the manuscript is available on a state-agency-approved repository. If the grantee is unable to ensure that his or her manuscript is accessible on an approved, publicly accessible repository, the grantee may comply by providing the manuscript to the state agency not later than 12 months after the official date of publication.

- c. For publications other than those described in (b), including scientific meeting abstracts, GRANTEE shall comply by providing the manuscript to the STATE not later than 12 months after the official date of publication.
- d. The grant shall not be construed to authorize use of a peer-reviewed manuscript that would constitute an infringement of copyright under the federal copyright law described in Section 101 of Title 17 of the United States Code and following.
- e. Use of GRANT FUNDS for publication costs, including fees charged by a publisher for color and page charges, or fees for digital distribution are allowable costs but must be within the GRANT FUNDS and item 4 of the agreement.
- f. GRANTEE may request a waiver to the publication requirement if GRANTEE has an existing publication requirement that meets or exceeds the requirements of the research provision. Waiver shall include information on GRANTEE's existing requirements. Approval of the waiver is at STATE's discretion.

9. Project Termination

- a. This Agreement may be terminated by the STATE or GRANTEE upon 30-days written notice to the other party.
- b. If either party terminates the Agreement prior to the completion of the Project, GRANTEE shall take all reasonable measures to prevent further costs to the STATE under the Agreement and the STATE shall be responsible for any reasonable and non-cancelable obligations incurred by GRANTEE in the performance of this Agreement prior to the date of the notice to terminate, but only up to the undisbursed balance of funding authorized in this Agreement.

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- c. Failure by GRANTEE to comply with the terms of this Agreement may be cause for suspension of all obligations of the STATE hereunder at the discretion of the STATE.
- d. Failure of GRANTEE to comply with the terms of this Agreement shall not be cause for the suspension of all obligations of the STATE hereunder if in the judgment of the STATE such failure was due to no fault of GRANTEE. At the discretion of the STATE, any amount required to settle at minimum cost any irrevocable obligations properly incurred shall be eligible for reimbursement under this Agreement.
- e. Final payment to GRANTEE may not be made until the STATE determines the Project conforms substantially to this Agreement.

10. Hold Harmless

- a. GRANTEE shall defend, indemnify and hold the STATE, its officers, employees, and agents harmless from and against any and all liability, loss, expense (including reasonable attorney's fees), or claims for injury or damages arising out of the performance of this Agreement but only in proportion to and to the extent such liability, loss, expense, attorney's fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of GRANTEE, its officers, agents, or employees. The duty of GRANTEE to indemnify and hold harmless includes the duty to defend as set forth in Civil Code Section 2778. This Agreement supersedes GRANTEE's right as a public entity to indemnify (see Government Code Section 895.2) and contribution (see Government Code Section 895.6) as set forth in Government Code Section 895.4.
- b. GRANTEE waives any and all rights to any type of express or implied indemnity or right of contribution from the STATE, its officers, agents, or employees for any liability resulting from, growing out of, or in any way connected with or incident to this Agreement.
- c. Nothing in this Agreement is intended to create in the public or in any member of it rights as a third-party beneficiary under this Agreement.

11. Tort Claims

FEDERAL:

The United States shall be liable, to the extent allowed by the Federal Tort Claims Act 28 United States Code 2671-2680, for claims of personal injuries or property damage resulting from the negligent or wrongful act or omission of any employee of the United States while acting within the scope of his or her employment, arising out of this Agreement.

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STATE:

The State of California shall be liable, to the extent allowed by law and subject to California Government Code, Title 1, Division 3.6, providing for the filing of tort claims against the State of California, for personal injuries or property damage resulting from the negligent or wrongful act or omission of State of California employees while acting within the scope of his or her employment, arising out of this Agreement.

12. Nondiscrimination

The State of California prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, sex, marital status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. GRANTEE shall not discriminate against any person on any of these bases.

13. Conflict of Interest

GRANTEE or anyone acting on behalf of GRANTEE shall not have any conflicting personal and/or financial interests in carrying out the duties of the Agreement.

14. Incorporation

The grant guidelines and the Project Scope of Work, Project Budget Detail and any subsequent amendments or modifications to the Project Scope of Work and Project Budget Detail approved in writing by the STATE are hereby incorporated by reference into this Agreement as though set forth in full in this Agreement.

15. Severability

If any provision of this Agreement or the Project Scope of Work thereof is held invalid, that invalidity shall not affect other provisions or applications of this Agreement which can be given effect without the invalid provision or application, and to this end the provisions of this Agreement are severable.

16. Waiver

No term or provision hereof will be considered waived by either party, and no breach excused by either party, unless such waiver or consent is in writing and signed on behalf of the party against whom the waiver is asserted. No consent by either party to, or waiver of, a breach by either party, whether expressed or implied, will constitute consent to, waiver of, or excuse of any other, different, or subsequent breach by either party.

17. Assignment

This Agreement is not assignable by GRANTEE either in whole or in part.

ADDENDUM – CALIFORNIA CLIMATE INVESTMENTS (CCI) GRANT PROJECTS

I. SPECIAL PROVISIONS

1. Grant funds shall be used on projects with the primary goal of reducing greenhouse gases (GHGs) and furthering the purposes of California's Global Warming Solutions Act of 2006, Division 25.5 (commencing with Section 38500) of the Health and Safety Code, and related statutes.
2. Grant funds shall be used on projects limited to specific activities as described in CCI Grants Procedural Guides.
3. Grantee shall report project and benefits information when requested by the State. This may include, but is not limited to, funding expended, acres treated, GHG emissions, trees planted, disadvantaged community benefits, energy/water savings, job creation, and other co-benefits.
4. Grantee shall maintain accurate and detailed records documenting project description, project location, and schedule, CCI dollars allocated, and leveraged funds throughout the duration of the project.
5. Failure of Grantee to meet the agreed upon terms of achieving required GHG reduction may result in project termination and recovery of funds.

II. MONITORING AND REPORTING REQUIREMENTS

All funds expended through CCI are subject to emissions reporting and requirements. Grantee is expected to provide the appropriate materials for completing program quantification methodology. Grantee shall use the current reporting template provided by the STATE. The reporting shall be submitted to the STATE no less frequently than quarterly. In addition, STATE may request additional information in order to meet current CARB reporting requirements. The requirements are available on the CARB CCI Quantification, Benefits and Reporting Materials webpage:

<https://ww2.arb.ca.gov/resources/documents/ci-quantification-benefits-and-reporting-materials>.

III. PROGRAM ACKNOWLEDGEMENT/RECOGNITION

1. All projects funded both fully and partially by the GGRF must clearly display, identify and label themselves as being part of the “California Climate Investments” program. The acknowledgement must contain the California Climate Investments and CAL FIRE logos as well as the following statement:

“Funding for this project provided by the California Department of Forestry and Fire Protection’s Fire Prevention Program as part of the California Climate Investments Program.”

A draft of the acknowledgement must be approved by the STATE prior to publication. For stationary projects, acknowledgement may include, but is not limited to, a sign on the project site. For other project types, such as vehicles, equipment, and consumer-based incentives, acknowledgement is encouraged by using a decal, sticker or other signage.

Guidance on California Climate Investments logo usage, signage guidelines, and high-resolution files are contained in a style guide available at:

www.caclimateinvestments.ca.gov/logo-graphics-request.

2. In addition, all projects funded both fully and partially by GGRF must contain the following statement in public announcements or press releases on said projects:

“Soda Bay Corridor Evacuation Route Planning and Maintenance Project, is part of California Climate Investments, a statewide program that puts billions of Cap-and-Trade dollars to work reducing GHG emissions, strengthening the economy, and improving public health and the environment– particularly in disadvantaged communities. The Cap-and-Trade program also creates a financial incentive for industries to invest in clean technologies and develop innovative ways to reduce pollution. California Climate Investments projects include affordable housing, renewable energy, public transportation, zero-emission vehicles, environmental restoration, more sustainable agriculture, recycling, and much more. At least 35 percent of these investments are located within and benefiting residents of disadvantaged communities, low-income communities, and low-income households across California. For more information, visit the California Climate Investments website at: www.caclimateinvestments.ca.gov.”

California Department of Forestry and Fire Protection (CALFIRE)
California Climate Investments
Fire Prevention Program Grant Application
Fiscal Year 2021-22 Funding Opportunity



Please request a Project Tracking # for each separate application by following the instructions in the 2021-22 [California Climate Investments](#) (CCI) Grant Guidelines on the [Fire Prevention Grants Web Page](#). Submit the application and all supporting materials to the SharePoint folder assigned to your tracking number **no later than 3:00pm PT on February 9, 2022**. Up to \$120 million is being allocated to CAL FIRE's Fire Prevention Grants Program in Fiscal Year 2021-2022 from the CCI Greenhouse Gas Reduction Fund (GGRF) and General Fund.

Please note: Items marked in red are required.

1. Project Tracking #:

Project Name/Title:

County:

CAL FIRE Unit/Contract County:

(Please use this 3-letter Unit Identifier for file naming. See item 14.)

CalMAPPER ID:

(If you have an existing CalMAPPER ID related to the project please supply it in the appropriate box. If you do not have an existing CalMapper ID, it is **NOT required**.)

2. Organization Type:

If Other, please specify:

If Non-Profit, are you a registered 501(c)(3)? Yes No

3. Sponsoring Organization:

Project Manager Title:

First Name:

Last Name:

Address Line 1:

Address Line 2:

City:

State:

Zip Code:

Phone Number:

Secondary Phone Number:

Email Address:

Fax Number:

Tracking #:

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Project Name:

4. For which primary activity is funding being requested?

5. Project Completion Date:

If your project is expected to be completed earlier than March 15, 2026, please include a date here. Otherwise, leave blank. Please use MM/DD/YYYY format.

6. Timber Harvest Plans: For fuel reduction projects, is there a timber harvesting document on any portion of the proposed project area for which a "Notice of Completion" has not been filed with CAL FIRE?

If checked, provide the THP identification number and describe the relationship to the project in the attached Scope of Work document.

THP ID Number:

7. Community at Risk: Is the project associated with a community that is listed as a Community at Risk? See the list of [Communities at Risk](#) on the Office of the State Fire Marshal web page.

Yes

No

Number of Communities in the project area:

8. Disadvantaged/Low Income Community: Is the project associated with a low-income community that is listed as a Community at Risk? See the information on [Priority Population Investments](#) on the California Air Resources Board web page.

Yes

No

If Yes, select all that applies:

Disadvantaged

Low Income

Both

Buffer Zone

Tracking #:

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Project Name:

9. Federal Responsibility Area: Does your project/activity include work on Federal Lands that might require a National Environmental Policy Act (NEPA) document, or use a framework similar to Good Neighbor Authority?

- Yes
- No

If Yes, please select all that apply:

- Good Neighbor Authority
- National Environmental Policy Act

Does your project/activity include work on Tribal Lands:

- Yes
- No

If yes, how many acres?

10. Project Area Statistics: For all projects, provide an estimate of the Project Influence Zone (PIZ) acres and the Treatment Influence Zone (TIZ) acres.

PIZ - The Project influence Zone (PIZ) is the broad geographic area encompassing the neighborhoods or communities that the grant proposal is designed to protect with fuel reductions, public education, or planning activities. This can be the sum of all treatment areas or could include a buffer area around the planning/public education target. Please keep the PIZ from encompassing an overly large area, unless benefits are clearly defined in the Scope-of-Work.

TIZ - Treatments are areas within a PIZ, where on-the-ground activities are accomplished (e.g. hazard fuel reductions, shaded fuel breaks, masticating, etc.). There can be multiple discrete Treatment areas associated with a PIZ. Some projects (e.g. Planning & Public Education) may NOT have treatment areas.

	LRA	FRA	SRA
Project Influence Zone (PIZ)			
Treatment Influence Zone (TIZ)			

11. Project Budget: Please include a discussion of the project budget in the Scope of Work and enter the total Amount of award requested below.

Budget Item	Amount
Grant Funding Requested (\$)	

12. CEQA Compliance: Describe how compliance with the California Environmental Quality Act (CEQA) will be achieved in the Scope of Work. Is there an existing (CEQA) document that addresses this project or can be used to meet CEQA requirements?

Please indicate the CEQA document type (For planning, education and other projects that are exempt from CEQA, select "Not Applicable"):

Document Identification Number:

13. Have you applied for or received any other CAL FIRE Grants for this project?

Yes

No

If yes, please identify the other CAL FIRE grant program and how the additional grant will be or is being applied to this project.

Tracking #:

Page 4 of 5

Project Name:

14. Application Submission:

Note to Applicant: If you modify the language contained in any part of this document, other than to fill in the blanks or to provide requested information, your application **will be rejected**.

Use the table below as a tool to make sure you have all documents ready prior to submitting the application.

Replace "XXXX" in the file name with the project's ID Number. Replace "UUU" in the file name with the 3-letter identifier for the Unit where the project is located. Unit identifiers are listed in the instructions for this application form.

Attachments	File Name
<input type="checkbox"/> Application Form (.pdf)	21-FP-UUU-XXXX-Application.pdf
<input type="checkbox"/> Scope of Work (.doc)	21-FP-UUU-XXXX-SOW.doc
<input type="checkbox"/> Project Budget (.xls)	21-FP-UUU-XXXX-Budget.xls
<input type="checkbox"/> Project Map (.pdf)	21-FP-UUU-XXXX-MAP.pdf
<input type="checkbox"/> Articles of Incorporation (.pdf) - Applies to Non-Profits only	21-FP-UUU-XXXX-AOI.pdf
<input type="checkbox"/> Mapping	<u>Create a Geo Point & Polygon</u> web link

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



Original Signature Required: Grantee's Authorized Representative

05/25/2022

Date Signed

Scott De Leon

Printed Name

DPW Director

Title

Executed on:

5/25/22
Date

at

Lakeport

City

Please fill out this form completely. Be sure to save a copy of this form and all attachments for your records. Submit the application and all supporting materials to the SharePoint folder assigned to your tracking number **no later than 3:00pm PT on February 9, 2022**. Please submit the documents as early as possible to avoid unanticipated issues. **Applications submitted or modified in the SharePoint folder after this date will be considered late.** Access to SharePoint after the due date may be revoked.

Tracking #: 21-FP-SAC-1903

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Project Name: Soda Bay Corridor Evacuation Route Planning and Maintenance Project



California Fire Safe Council
21 CALFIRE Evacuation Route Planning and Development Grant Program
Deadline: 12/22/2021

County of Lake
Soda Bay Corridor Evacuation Route Planning and Maintenance Project

Jump to: [Application Questions](#) [Budget](#) [Work Plan](#) [Documents](#)

\$ 380,000.00 Requested

Submitted: 12/22/2021 4:35:38 PM (Pacific)

Project Contact

Scott De Leon
scott.deleon@lakecountyca.gov
Tel: 707-263-2341

Additional Contacts

ldaveybates@dbcteam.net, spekaj@dow-associates.com

County of Lake

255 N Forbes St
Lakeport, CA 95453
United States

County Administrative Officer

Carol Huchingson
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Telephone	707-263-2341
Fax	
Web	
EIN	94-6000825
UEI	
(N)CAGE	69pv6
SAM Expires	

Application Questions [top](#)

County Information

1. Which county government do you represent?

Please note: only counties can apply.
County of Lake

2. List the individuals who will be part of your grant project team.

Identify the project manager; the director in charge of evacuation route planning; the contacts for programmatic and financial reporting.

Project Manager - Scott De Leon; Director of Evac Route Planning - Scott De Leon; Programmatic and Financial Reporting - Alicia Ayala

3. Which department(s) within your county government is responsible to plan, designate, build, maintain, and operate wildfire evacuation routes?

Department of Public Works

4. Please describe your county (e.g., population, demographics, fire history, etc.)

Lake County is located in Northern California, lying within the Pacific Coastal ranges between the counties of Mendocino and Sonoma to the west, and Glenn, Colusa, Yolo and Napa to the east and south. The County consists largely of mountainous terrain and resource lands surrounding Clear Lake, its primary geographic feature. The lake itself covers approximately five percent of the land area and includes a majority of the County's population centers along its shores. Much of the northern third of the County is unoccupied and lies within the Mendocino National Forest, while the rural southern portions are made up

of sparsely populated communities divided among agricultural and other resource lands.

Two notable demographic characteristics of the region are its aging population and its number of residents with disabilities. The U.S. Census estimates 22.3% of the region's population to be 65 years or older, a figure that is well above the statewide figure of 14% and has been trending upward. This can be attributed, in part, to the attractive nature of the region in terms of rural and affordable living for retirement age individuals. The region is also made up of approximately 20.1% claiming some type of disability, which is nearly twice the statewide percentage of 10.6%.

Economically, the Lake County has struggled over the years, with the region frequently ranked among the poorest counties in the United States. Approximately 18.3% of County residents were considered "persons in poverty" according to current Census data, compared to 11.8% statewide. Median household income was \$47,040 (statewide median \$75,235) as of 2019. Most census tracts within the County are considered "low-income communities," per AB 1550 definitions, including nearly half of the project area.

The population of Lake County was estimated at 64,040 as of January 1, 2020. This includes a population of 45,066 within the unincorporated communities of the County, 4,677 within the City of Lakeport, and 14,297 within the City of Clearlake. Population rates have slowed over the last ten years to near or below zero. A number of local factors are responsible for the slow rates of growth. However, among the most significant is the number of catastrophic wildfires suffered between 2015 and 2021, in which hundreds of thousands of acres (over 60% of the County's total land mass) burned and thousands of homes (more than 5% of the region's housing stock) and other structures were destroyed. While most County residents were able to focus on rebuilding homes and lives, many others were forced to relocate due to a lack of home insurance, limited opportunities, or other related reasons. The vast majority of homes and structures within the County are typically older, built prior to 2009, which is unsurprising given its aging population, rural nature and slow rate of population growth.

The County's recent fire history can be summarized as follows:

- July 29, 2015: Rocky Fire (69,636 acres), destroyed a total of 96 structures including 43 homes.
- August 9, 2015: Jerusalem Fire (25,118 acres), loss of 27 structures, 6 were homes.
- September 2, 2015: Elk Fire (700 acres).
- September 12, 2015: Valley Fire (76,067 acres), a total of 1,280 homes were destroyed out of 2,000 total structures. The event was declared a federal disaster.
- August 13, 2016: Clayton Fire (3,929 acres), the event consumed 300 structures, including 189 homes.
- October 9, 2017: Sulphur Fire (2,207 acres), 162 structures were lost, including 138 homes.
- June 23, 2018: Pawnee Fire (15,180 acres), broke out in the small rural community of Spring Valley, destroying 22 structures, of which 13 were homes.
- July 27, 2018: Mendocino Complex Fire (459,123 acres), also known as the River and Ranch Fires, burned an additional 277 structures of which 157 were homes.
- August 17, 2020: LNU Complex (192,000 acres over 6 counties including a portion of South Lake County), destroyed another 9 homes.
- August 18, 2021: Cache Fire (83 acres), took place on the border of the City of Clearlake and unincorporated Lake County, and while small in acreage, burned 56 homes.

According to maps created by the Department of Forestry and Fire Protection (Calfire), the majority of the County (including most of the project area) lies within either "High" or "Very High Fire Hazard" severity zones (State Responsibility Area).

5. Latitude and Longitude

Enter the latitude and longitude of your county's administration building. Your response must be in decimal format to six places, for example: 39.375097 Latitude and -122.54454 Longitude.

39.043545 Latitude

-122.91658 Longitude

-83.87 TOTAL

6. Address of County's Administration Building

Example: 123 Main St, Sacramento, CA 95814
255 N. Forbes Street, Lakeport, CA 95453

Current Evacuation Route Planning and Implementation Status

7. Please describe your county's current efforts with evacuation route planning, construction, and maintenance, including recent (notable) evacuation route projects and/or accomplishments.

The area being requested (Soda Bay Corridor) has had a few projects that have assisted with evacuation route planning and maintenance. Two notable projects include a volunteer effort coordinated by the area's then-supervisor called the "1000 Hands Project", which got hundreds of volunteers to clear roadside vegetation along a portion of the corridor. The County Public

Works Department supported the effort by providing dump trucks and loading equipment to haul away the debris. A second project was undertaken by Caltrans and Calfire to remove vegetation along the corridor. Both of these projects were performed in 2019.

With respect to evacuation route planning, only general language is found within the Lake County Emergency Operations Plan (EOP). The EOP's Transportation Annex broadly discusses mass evacuations and assistance to those with special "access" or "functional" needs, while the Wildland Fire Annex briefly covers congested or debris blocked pathways. However, specific corridor analyses or evacuation procedures are still in need of focused evaluation. Likewise, the Lake County Regional Transportation Plan includes only general policies encouraging cooperation and coordination between agencies and emergency responders during natural disaster and wildfire events.

8. Does your county have an evacuation plan in place?

- ☐ Yes
- ☒ No
- ☐ In progress
- ☐ Unknown
- ☐ Not applicable

9. If yes, enter the date the evacuation plan was last updated, or anticipated to be approved, and a link if it's available to view online.

Enter N/A if your county does not currently have an evacuation plan.

N/A

10. How many miles of evacuation routes are in your county? (estimated)

<input type="text" value="0"/>	# miles evacuation routes completed
<input type="text" value="0"/>	# miles evacuation routes incomplete or under construction
<input type="text" value="10"/>	# miles evacuation routes not started/in planning phase
<input type="text" value="10.00"/>	TOTAL

11. Does your county use any standards and practices to guide the identification, design and construction of evacuation routes?

- ☐ Yes
- ☒ No
- ☐ Unknown

12. If yes, describe where we can obtain a copy of the standards.

Please provide a link if the standards are available online or attach a copy to this application in the Documents tab. Enter N/A if standards are not available or not applicable.

N/A

13. Has this planning been done in coordination with any of the following, and if so which ones?

- ☐ County Office of Emergency Services
- ☐ County Sheriff
- ☒ Cal Fire or county fire authority
- ☐ Other:

Evacuation Needs

14. Looking ahead, how much funding would your county need to complete your evacuation goals and plans?

Enter dollar amounts in whole numbers. Do not include the dollar symbol (\$).

<input type="text" value="90000"/>	Planning
<input type="text" value="280000"/>	Fuels treatment/Road clearance
<input type="text"/>	Road construction
<input type="text" value="5000"/>	Signage
<input type="text" value="5000"/>	Public outreach/Education
<input type="text" value="380,000.00"/>	TOTAL

15. Describe the projects, in order of priority, that could be completed with the funding amount listed above in question 14.

1. The top priority project would result in the removal of hazardous trees or other vegetation within the evacuation corridor that are dead, dying, distressed, or poised to fall onto the road, thereby blocking the evacuation routes along the corridor. This work would be accomplished by a contractor (or contractors) hired to complete the work based on a competitive bidding process. Tasks expected to be completed through this component of the project include-

- Identification and mapping of hazardous trees or vegetation along the evacuation route
- Environmental review of potential impacts resulting from removal activities
- Removal and disposal of hazardous trees and/or vegetation within the project corridor

Requested grant funds- \$247,000. See "Budget Narrative" under Budget tab for more details.

2. The second project proposed for this funding would result in the preparation of a comprehensive Soda Bay Corridor Evacuation Response Plan (Plan) that would coordinate the various emergency responding agencies, along with the Homeowner Associations (HOAs) of the multiple communities along the corridor. This plan would identify the evacuation procedures for various fire scenarios, together with identifying emergency notification plans and other pertinent details. The Plan would be developed by a consultant under contract with the County of Lake.

A Technical Advisory Group made up of County staff, representatives from emergency responding agencies, the local (Konocti) fire safe council, Homeowner Associations (HOAs) of the impacted neighborhoods, and local transit officials will be formed to provide guidance to the consultant during the preparation of the Plan.

Requested grant funds- \$80,000. See "Budget Narrative" under Budget tab for more details.

3. Using the consultant prepared Plan, public outreach would involve educational workshops for local residents of communities within the corridor, roadside signage, informational mailers, social media outreach, and print/radio media efforts to inform the residents of the various subdivisions about the evacuation plan (approximate signage cost- \$5,000, approximate Public outreach/Education costs- \$5,000).

See "Budget Narrative" under Budget tab for more details.

4. Continued maintenance of the road right-of-way using county forces to perform vegetation management. Part of the funding request will include capital costs for tree/vegetation grinding equipment (\$33,000) to enable ongoing maintenance.

See "Budget Narrative" under Budget tab for more details.

5. The project is estimated to cost approximately \$10,000 worth of County staff time. This would include time required to develop the Request for Proposals for consulting services, bidding documents, contracts and perform other associated tasks related to the contracting of professional services (e.g. tree removal services, preparation of environmental review document, preparation of evacuation planning document). Also included is staff time for grant billing, oversight of contracted work, and preparation of reports as required.

16. What additional resources, beyond funding if applicable, would you need to complete the projects listed above?

Enter N/A if not applicable

There will be a moderate level of effort required by county staff to complete the projects listed above. Tasks such as preparation of Requests for Proposals, environmental clearance documents, bid documents, and grant monitoring and fiscal accounting

17. What is the total amount (in dollars) of deferred maintenance for your evacuation routes?

Enter dollar amount in whole numbers. Do not include the dollar symbol (\$). Leave field blank if you don't know the amount.

Total amount of evacuation route deferred maintenance

TOTAL

GIS Capacity

18. Are your evacuation routes GIS mapped?

☐ Yes

☒ No

19. If yes, provide a link to any available information online.

Enter N/A if no link is available.

N/A

20. Does your county currently have access to GIS software?

☒ Yes

☐ No

21. If yes, what software do you currently use?

Select N/A if your county does not have access to GIS software.

☒ ESRI

☐ QGIS

☐ N/A

☐ Other:

22. If other, does it provide the ability to export .shp files?

☐ Yes

☐ No

☒ N/A

23. Does your county have professional GIS staff available to assist with this project?

☒ Yes, full-time staff

☐ Yes, part-time staff

☐ Yes, contracted staff

☐ No

Project Information

24. Executive summary

Provide a brief summary (2-3 sentences) of your proposed project.

This project would provide strategic planning for a coordinated plan to improve the ability to quickly and safely evacuate the citizens in this area in the event of an encroaching wildfire.

25. Which category of funding are you seeking?

Select all that apply

☒ Planning

☒ Fuels treatment/Road clearance

☐ Road construction

☒ Signage

☒ Public Outreach and Education

26. Describe your project.

According to the 2020 Lake County Emergency Operations Plan, "[o]wing to [the County's] rugged topography, heavy vegetation, and the long, hot, dry summers, approximately 45% of Lake County is considered a high-risk area with respect to wildland fire. Indeed, wildfire events have been increasing in both frequency and intensity in and around Lake County for the last several years. If this were to become the unfortunate "new normal," then adaptation and resilience will require a better understanding of response options for local residents. The proposed project will provide this opportunity by addressing the recurring public safety risk through improvements to evacuation routes in a particularly vulnerable region of the County.

Since 2015, numerous large wildfire events have resulted in hundreds of thousands of acres burned and thousands of homes and other structures lost (see narrative under Question #4, above). While emergency response officials are typically able to lead successful evacuations under critical and extremely time sensitive conditions, the efforts are largely accomplished on a case by case basis. There remains an acute need for preparation and planning consistency for future events, especially in cases of periodic leadership or personnel changes within emergency response agencies. Referred to as the "Soda Bay Corridor Evacuation Route Planning and Maintenance Project," the proposed project will focus on evacuation planning for a collection of communities near Mount Konocti along the southern shore of Clear Lake.

The goal of the project is to ensure clear and well planned evacuation routes in this area. This can be accomplished by implementing an appropriate vegetation maintenance program along with establishing standard protocols, routes, and procedures for individual emergency response agencies. The intended products will include a maintenance program and a

reference document aimed at seamless coordination between agencies with respect to transportation and evacuation services. It would also further goals and policies of the County General Plan, Emergency Operations Plan, and the Regional Transportation Plan with respect to emergency planning.

The Soda Bay Road Corridor consists of three main arterial roads: Point Lakeview Road, State Route 281 and Soda Bay Road which serve as the sole evacuation routes for the communities of Soda Bay, Kelseyville Riviera, Riviera Estates, Konocti Shores, Riviera West, Buckingham and Riviera Heights. These rural, two-lane roads extend for a length of nearly 10 miles along the south shores of Clear Lake. Within these communities, more than 15 connecting streets provide egress from unincorporated residential areas. Kelseyville Riviera, Riviera West, Buckingham and Riviera Heights are all Firewise Communities and the four homeowner associations comprise the Konocti Area Fire Safety Council. Taken as a whole, the geographic area included in this project comprises the second highest population area in Lake County. For this entire region, the Soda Bay Corridor is the only evacuation route.

The project would serve two main purposes. The top priority would involve hired contractors to remove hazardous (i.e. dead, dying or distressed) trees that may obstruct key evacuation routes during the outbreak and duration of a sudden and fast moving wildfire within the Soda Bay Corridor. This would include approximately 80 to 100 gray and knob cone pines along roads within the corridor that are highly flammable, noted as having relatively short life spans, and/or are presently leaning toward the road due to hillside erosion or loss of structural integrity. Those with the highest probability of blocking the evacuation path in a wildfire situation will be identified and mapped for removal as part of the project. Continued vegetation management and maintenance of the County road right-of-way would also be part of a long-term program, initiated with the assistance of capital funds from the grant to purchase needed operational equipment, and managed into the future by County staff.

A second long-range component of the project will entail the preparation of a wildfire evacuation planning document. This "Soda Bay Corridor Evacuation Response Plan" would be developed by a qualified consulting firm procured with grant funding for that purpose, with the guidance of a Technical Advisory Group made up of County staff, representatives from emergency responding agencies, the local (Konocti) fire safe council, and Homeowner Associations (HOAs) of the impacted neighborhoods. It should be reiterated that the County, as a whole, is comprised of disproportionate numbers of seniors (22.3%), disabled (20.1%), and low-income (18.3% "persons in poverty"), when compared to Statewide averages of 14%, 10.6% and 11.8%, respectively. These factors lead to a larger percentage of County residents being physically unable to operate a vehicle, or otherwise unable to afford or maintain a vehicle of their own. As in past emergency response efforts, coordination with local transit officials is expected to play an important role in accommodating the evacuation needs of such focused populations. Transit officials are therefore expected to provide input to the Plan, likely as part of the noted Technical Advisory Group.

Additional planning activities will include informative signage (directional messaging, etc.) and regional outreach workshops. Consultants will be tasked with leading outreach efforts to provide input opportunities for the public, and also to help educate and inform community members about the final Plan's content and recommendations. Finally, funds are requested to cover County administration costs for project and grant management, consultant procurement activities (e.g. RFP preparation, selection, contracting, etc.), and general time required for bookkeeping and reporting tasks.

As noted, the primary beneficiary of the project will be residents within the Soda Bay Corridor of the County. This is based in part on its relative fire risk, evacuation limitations, and population densities. However, findings and results of the project's analysis and implemented measures are likely to apply to several other fire prone areas of the region as well. In this sense, it can be seen as a type of "pilot project" with the potential for expanding the formula to other high risk areas of the County in the near future, subject to funding availability. Given the County's recent wildfire history, lessons and recommendations from the project are therefore expected to provide a useful blueprint for subsequent planning efforts.

The primary objectives of the proposed project are listed as follows:

- Develop a program to include removal of initially identified hazardous trees and vegetation along the Soda Bay Corridor, and also include long term maintenance planning for future removal as needed.
- Evaluate previous wildfire evacuation efforts and determine what aspects worked well, or alternatively, which may have led to unforeseen difficulties in conducting evacuations.
- Understand current emergency preparedness plans and how transportation organizations, assets, and services are included in them.
- Create and adopt a wildfire evacuation and preparedness plan/program specific to the Soda Bay Corridor region detailing standardized practices and protocols for transportation services and evacuation centers, for use by the Office of Emergency Services, local and regional fire departments, local law enforcement personnel, transit and other non-profit transportation providers, and the County of Lake.
- Educate public (with an emphasis on vulnerable communities) on wildfire related emergency protocols (e.g., designated locations for transportation evacuation, emergency shelters, etc.) developed in the proposed plan.

- Work to ensure inter-agency cooperation, coordination, and capacity building with respect to emergency plans.

Finally, it should be noted that the subject evacuation planning application is considered a “companion project” with a separate grant application recently made by the local Community Action Agency, North Coast Opportunities (NCO). The NCO project would provide local funding for Lake County residents for retrofitting, hardening, and defensible space creation through the “Home Hardening Initiative,” part of the California Wildfire Mitigation Program made available by a partnership between the California Governor’s Office of Emergency Services (Cal OES) and CAL FIRE. Both projects will help Lake County to better prepare for wildfire risks and impacts that are expected to threaten the region for the foreseeable future.

27. Will this project hire new employees or contractors? Please describe.

This project will hire contractors for two phases of the work - development of the Evacuation Plan and the removal of roadside vegetation.

28. Describe the plan(s), documents, materials, signs, fuels treatments, etc. that will be created through this project. Who will implement the work plan?

Using the priority projects described in Question 15 above, the following are the expected items to be created or achieved by this project:

1. The top priority project would result in the removal of hazardous trees or other vegetation within the evacuation corridor that are dead, dying, distressed, or poised to fall onto the road, thereby blocking the evacuation routes along the corridor. This work would be accomplished by a contractor (or contractors) hired to complete the work based on a competitive bidding process. Tasks expected to be completed through this component of the project include-

- Identification and mapping of hazardous trees or vegetation along the evacuation route
- Environmental review of potential impacts resulting from removal activities
- Removal and disposal of hazardous trees and/or vegetation within the project corridor

Continued maintenance of the public road easement would be accomplished by the County Road Department. Part of the funding request will include capital costs for tree/vegetation grinding equipment to enable ongoing maintenance.

2. The second project proposed for this funding would result in the preparation of a comprehensive Soda Bay Corridor Evacuation Response Plan (Plan) that would coordinate the various emergency responding agencies, along with the Homeowner Associations (HOAs) of the multiple communities along the corridor. This plan would identify the evacuation procedures for various fire scenarios, together with identifying emergency notification plans and other pertinent details. The Plan would be developed by a consultant under contract with the County of Lake.

A Technical Advisory Group made up of County staff, representatives from emergency responding agencies, the local (Konoti) fire safe council, Homeowner Associations (HOAs) of the impacted neighborhoods, and local transit officials will also be formed to provide guidance to the consultant during the preparation of the Plan.

3. Using the consultant prepared Plan, public outreach would involve educational workshops for local residents of communities within the corridor, roadside signage, informational mailers, social media outreach, and print/radio media efforts to inform the residents of the various subdivisions about the evacuation plan. Such outreach efforts will be led by the consultants as part of the overall evacuation planning project.

4. Continued maintenance of the road right-of-way using county forces to perform vegetation management. Part of the funding request will include capital costs for tree/vegetation grinding equipment to enable ongoing maintenance.

29. Do you anticipate any permits or approvals will be required to complete your project? If so, please describe.

It is expected that environmental review of the vegetation removal portion of the project will be required to satisfy California Environmental Quality Act(CEQA) requirements. If ground disturbance is minimized, the CEQA clearance should be straightforward

Project Outcomes and Evaluation

30. Please describe the anticipated outcomes of the Wildfire Evacuation Route Planning and Development Grant?

The anticipated outcomes of the project include the following:

As noted, one of the primary goals of the project is to develop and implement a hazardous tree/vegetation program along the Soda Bay Corridor. This will result in an evacuation corridor that is free from hazardous trees that have the potential to fall and

block the escape route during a wildfire. It will also clear the corridor hillsides of heavy flammable materials, thereby decreasing fuel loads and fire intensity potential, as well as creating a fire-break by virtue of the lowered fuels. Initial clearing is the project's top priority, with an on-going program to be developed for sustained maintenance into the future to be performed by County staff.

A second important outcome is the consultant led preparation of a comprehensive evacuation plan. The proposed Plan would focus on the Soda Bay Corridor, coordinating the various emergency response agencies along with the Homeowner Associations (HOAs) of the multiple communities along the corridor. It would furthermore identify appropriate evacuation procedures for various wildfire scenarios and establish emergency notification plans for community members in the area.

Development of the Plan will include an outreach component intended to inform and educate corridor residents of the Plan's details, strategies, and recommendations. This will importantly result in an informed population who understand how to respond in the event of an emergency.

Finally, assuming success of the intended outcomes for the Soda Bay Corridor region, the project will serve as pilot demonstration that can be applied to other high-risk population centers of the County. This can therefore lead to better prepared and pro-active communities beyond the scope of the region focused on by the grant.

Overall, the anticipated outcomes will meet the primary objectives of the project noted in Question #26, above:

- Develop a program to include removal of initially identified hazardous trees and vegetation along the Soda Bay Corridor, and also include long term maintenance planning for future removal as needed.
- Evaluate previous wildfire evacuation efforts and determine what aspects worked well, or alternatively, which may have led to unforeseen difficulties in conducting evacuations.
- Understand current emergency preparedness plans and how transportation organizations, assets, and services are included in them.
- Create and adopt a wildfire evacuation and preparedness plan/program specific to the Soda Bay Corridor region detailing standardized practices and protocols for transportation services and evacuation centers, for use by the Office of Emergency Services, local and regional fire departments, local law enforcement personnel, transit and other non-profit transportation providers, and the County of Lake.
- Educate public (with an emphasis on vulnerable communities) on wildfire related emergency protocols (e.g., designated locations for transportation evacuation, emergency shelters, etc.) developed in the proposed plan.
- Work to ensure inter-agency cooperation, coordination, and capacity building with respect to emergency plans.

31. How will you measure the success of the Wildfire Evacuation Route Planning and Development Grant?

The success of this project will take several forms, to include:

A major measure of success will be an evacuation corridor cleared of heavy flammable materials and then maintained to reduce future risks in the area. This will not only provide a safe evacuation route but also a fire-break by virtue of the low fuels. Final payment to the contractor, or contractors, for the initial clearance work will signal the successful completion of this portion of the project. Implementation of a continued maintenance program will carry the success into the future.

Success of the project's second main component will be measured by completing and disseminating the findings of the "Soda Bay Corridor Evacuation Response Plan." The Plan is intended to coordinate response activities of various emergency response agencies along with the Homeowner Associations (HOAs) of the multiple communities along the corridor. Preparation of the Plan will provide a blueprint for agencies and community members on evacuation procedures for a range of fire scenarios. It will also identify emergency notification plans and other pertinent details resulting in a better organized evacuation process. Ultimate success would be measured by an orderly evacuation of the area for a given wildfire emergency - preferably demonstrated in a coordinated drill and not a real emergency.

32. How will your county work to sustain your project after the close of the grant term?

As previously discussed, the County Road Department will perform vegetation management on that portion of the corridor that is within the County road right of way. Grant funding for the purchase of vegetation grinding equipment is included as part of this request, which will assist County staff in performing long range maintenance activities within the corridor.

Additional support for continued outreach and education of homeowners will be accomplished through a variety of means, including Risk Reduction Authority, County Office of Emergency Services and the Lake County Disaster Council.

Budget [top](#)

Matching Funds Sources (optional)	Funds
-none-	\$ 0.00
Evacuation Route Project Expenses	
Personnel	Budget \$ 10,000.00
Fringe Benefits (if not included in Personnel)	
Travel	
Supplies	\$ 10,000.00
Contractual	\$ 327,000.00
Other	\$ 33,000.00
Indirect	
Total	\$ 380,000.00

Budget Narrative

Using the Item Description categories above, please find the following narratives:

Personnel: The project is estimated to cost approximately \$10,000 worth of County staff time. This would include time required to develop the Request for Proposals for consulting services, bidding documents, contracts and perform other associated tasks related to the contracting of professional services (e.g. tree removal services, preparation of environmental review document, preparation of evacuation planning document). Also included is staff time for grant billing, oversight of contracted work, and preparation of reports as required.

Supplies: The grant request includes funds needed for evacuation route signage (informational, directional, etc.) along the subject corridors (approximately \$5,000 in total) as well as funds for public outreach materials (e.g. flyers, mailings, advertising during the public education phase of the evacuation planning process, costing another estimated \$5,000).

Contractual: The majority of the requested funding will be put towards contracted work. The top priority task is to remove between 80 to 100 dead, dying, or diseased trees or other hazardous vegetation along the evacuation routes. Approximately \$200,000 will be used to hire a tree removal service subject to standard competitive procurement procedures.

As the tree removal component of the project may entail environmental impacts, a portion of the requested grant funds are to be used for an environmental review document evaluating potential issues. This is estimated to cost an additional \$47,000.

Finally, the second main priority of the project is to develop a "Soda Bay Corridor Evacuation Response Plan." Consulting costs for this component are estimated to cost approximately \$80,000. A further breakdown of the Plan's costs is provided in the Scope of Work below-

Soda Bay Corridor Evacuation Response Plan (\$80,000)
Scope of Work

Task 1: Coordination with Project Partners & Consultant (\$7,500)

The County and consultant will hold monthly status meetings throughout the project. The consultant will work with the County to form a Technical Advisory Group (TAG) consisting of representatives from emergency responding agencies, the local (Konocti) fire safe council, Homeowner Associations (HOAs) of the impacted neighborhoods, and local transit officials.

The consultant will conduct a kick-off meeting with TAG members to share contact information, develop lines of communication, clarify objectives of the project, and resolve remaining issues. Consultant will meet with TAG as needed throughout the project.

County/consultant, TAG, stakeholder, and focus group meetings may be held in person or virtually, via video and/or

teleconference meetings.

Task 1 Deliverables

- Monthly status meetings, agendas, meeting notes.
- Technical Advisory Group (TAG) roster; TAG meetings, TAG agendas and minutes.
- Stakeholder roster; stakeholder meetings; stakeholder agendas and meeting notes.

Task 2: Data Collection (\$20,000)

The consultant will gather and review existing data pertaining to emergency response protocols in the region or those that may have been included in prior planning studies, needs assessments, community plans, regional plans, or safety reviews. Regional wildfire data will also be reviewed as part of the process. The consultant will prepare a bibliography of documents, studies, or reports reviewed with a summary of their relevance to the region.

The consultant will review the completed summary of data collected with the TAG for completeness and accuracy. TAG comments will be incorporated into a revised summary as needed.

The consultant will locate and review additional documents that may have been identified by the TAG, then prepare the final Existing Conditions Report.

County staff will assist with data collection and review all deliverables.

Task 2 Deliverables

- Bibliography and assessment of relevancy
- TAG meeting agendas and note
- Final Existing Conditions Report

Task 3: Public Participation and Community Outreach (\$17,500)

With input from the Technical Advisory Group (TAG), the consultant shall develop an outreach strategy that includes efforts to reach vulnerable and underserved populations within the region as well as others likely to be impacted or concerned with outcomes of the project. Outreach strategy will include, at a minimum, both surveys and workshops.

The consultant shall prepare meeting and survey materials and will advertise public workshops in the community, using a variety of outreach methods. This shall include, at a minimum, press releases in local media (newspapers/radio) as well as social media and other online methods of outreach.

A total of two public workshops will be held to ensure easy access from various communities. The first workshop will be held early in the process (concurrent with Task 2) to inform the public of the need and objectives of the project, the timeline, and the various methods made available for public input. The second workshop will take place when the Draft Study is made available for public review (Task 4 below).

The consultant shall coordinate with key agency officials to conduct information gathering interviews. These will be an important component of the overall plan in determining the historical roles of each during past wildfire events. Information obtained will be used to identify capabilities and capacities of individual agencies in coordinating large scale evacuations, as well as developing proper messaging strategies to help the public with emergency preparations.

The consultant shall record all notes, comments, and or concerns submitted in written form or discussed at community workshops. This will include consultant comments or commitments that were made to address such issues.

County staff will assist with and participate in the public outreach process.

Task 3 Deliverables

- Prepared outreach strategy and surveys
- Advertising materials, news releases, surveys, etc.
- Community workshops and agency interviews; record of public comment

Task 4: Evacuation and Preparedness Analysis (\$22,500)

Consultant shall evaluate all input (within the context of the established project objectives) received from agency interviews, the public, and other stakeholders. Existing organizational structures and established lines of communication will be used to guide the Plan's development with respect to evacuation protocols.

The consultant shall prepare an administrative Draft Soda Bay Corridor Evacuation Response Plan based on their analyses of historical emergency events, existing conditions, and agency and public input. The Draft will be presented to the TAG for review and comment, prior to being posted for public review.

As noted above under Task 3, the consultant will present the administrative Draft Soda Bay Corridor Evacuation Response Plan at a public workshop. The workshop will be used to inform the public of the overall project findings as well as to solicit final comments that can be incorporated into a final draft.

County staff will review the analyses provided by the consultant.

Task 4 Deliverables

- Agency and public comment summary
- Administrative Draft Soda Bay Corridor Evacuation Response Plan
- Agenda and workshop meeting notes

Task 5: Draft and Final Wildfire Evacuation and Preparedness Plan (\$12,500)

The consultant shall prepare the draft final Soda Bay Corridor Evacuation Response Plan in consideration of all TAG, stakeholder and public comments, suggested corrections, and other input received on the draft version.

The consultant shall present the draft final Soda Bay Corridor Evacuation Response Plan to the Lake County Board of Supervisors at a public hearing for comment, consideration, and final adoption. Following the public hearing and Board adoption of the plan, the consultant shall prepare final bound copies (exact number to be determined and established in the consultant contract) as well as an electronic copy of the final product and appendices, then deliver to the County and other stakeholder agencies.

County staff will review the draft and final versions of the plan.

Task 5 Deliverables

- Final Draft Soda Bay Corridor Evacuation Response Plan
- Presentation of Plan to Lake County Board of Supervisors
- Final copies of the approved Plan

Other: This final line item is requested to reimburse the County Road Department for the purchase of a Masticator Head for their John Deere Excavator. This equipment (estimated to cost approximately \$33,000) will be used to maintain the corridor following the removal of the hazardous vegetation by the contractor. Staff time to install the equipment onto the excavator as well as perform maintenance within the corridor will be borne by the Department of Public Works.

Work Plan [top](#)

Work Plan

Task #	Activity	Timeline	Responsible Party	Expected Outcome/Result
1	Preparation of a Request for Proposals for professional services to prepare the Soda Bay Corridor Evacuation Response Plan	Jan 22 - Mar 22	County of Lake	Selection of a consultant to prepare the report and approval of a professional services agreement with the selected firm.
2	Preliminary Engineering to determine the scope of work for the project, including: location and type of tree to be removed, affected property owner, project description memo	Jan 22 - July 22	County of Lake with assistance from members of the Konocti Area Fire Safe Council	Completion of a thorough inspection of the corridor to identify hazardous trees together with determining property ownership for trees outside the County right of way. Obtain rights of entry for trees to be removed on private property
3	CEQA review based on project description memo	Feb 22 - July 22	County of Lake	Environmental clearance for the project with either Categorical Exemption or Mitigated Negative Declaration
4	Develop bid documents for removing identified trees and solicit prices from contractors for removal of identified hazardous trees	Aug 22 - Sept 22	County of Lake	Bids from responsible bidders for the removal of hazardous trees
5	Award contracts - one for professional services for the development of the	May 22 and Oct	County of Lake	Hiring of a professional consultant to prepare the Evacuation Response Plan

	Evacuation Response Plan and the other contract for removal of hazardous trees. The dates shown in the timeline are for the professional services contract and tree removal contract, respectively	22		and hiring of a contractor to perform the work required to remove hazardous trees within the corridor
6	Preparation of an Evacuation Response Plan - which is expected to include: public meetings to solicit information for a draft plan, public review of the plan, and public meetings to inform the various homeowner groups of the details of the plan	June 22 - Jan 23	Professional Consultant	Completed Soda Bay Corridor Evacuation Plan and public outreach and education about the details of the plan. This will likely also include a simulated evacuation drill.
7	Removal of hazardous trees within the Corridor	Nov 22 - Jan 23	Licensed Contractor (or Contractors)	Removal and disposal of hazardous trees within the corridor
8	Maintenance of Evacuation Area (within the Road Easement)	Jan 23 - Mar 23	County of Lake	Closeout of all contracted work, final payment to consultant and contractor and final grant paperwork with State
9	Maintenance of Evacuation Area (within the Road Easement)	ongoing	County of Lake	Control of vegetation within the corridor area to maintain the cleared area
10				
11				
12				
Total				

Documents [top](#)

Documents Requested *

Governmental Information Letter from IRS (Consult your finance/business department or see template for instructions on how to request the letter)

[download template](#)

Organization by-laws

Board of Directors OR Board of Supervisors roster

Three years or most recent 990 or 990EZ form

Copies of the last five years' audit reports and management letters received from an independent auditor, if applicable

Copies of reports of government agencies (Inspector General, state or local government auditors, etc.) resulting from audits, examinations or monitoring procedures performed in the last three years

Certificate of insurance

Non-Applicable Documents Memo - County applicants only

[download template](#)

Other Documents - Upload any additional or optional documents here

Required? Attached Documents *



[IRS Letter Memo](#)



[Board of Supervisors Roster](#)



[2016 Audit Report](#)

[2017 Audit Report](#)

[2018 Audit Report](#)

[2019 Audit Report](#)

[2020 Audit Report](#)



[Insurance Certificates](#)



[Non-applicable letter](#)

[Map of Proposed Corridor](#)

* ZoomGrants™ is not responsible for the content of uploaded documents.

Application ID: 378786

Tracking #:

Project Budget

Project Name: Soda Bay Corridor Evacuation Route Planning and Maintenance Project

Budget Category	Item Description	Cost Basis			Cost Share (%)			Funding Source (\$)			Total (\$)
		Quantity	Units	Cost/Unit	Grant	Grantee	Partner	Grant	Grantee	Partner(s)	
A. Salaries and Wages											
	County Personnel costs	100	Hours	100.00	100%	0%	0%	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00
		0	Days	0.00	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0.00	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	0.00	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0.00	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0.00	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0.00	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0.00	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Salaries and Wages:							\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	
B. Employee Benefits											
		0	Hours	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Employee Benefits:							\$ -	\$ -	\$ -	\$ -	
C. Contractual											
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Soda Bay Corridor Evacuation Pla	1	Each	80000	100%	0%	0%	\$ 80,000.00	\$ -	\$ -	\$ 80,000.00
	Removal of hazardous vegetation	1	Contract	247000	100%	0%	0%	\$ 247,000.00	\$ -	\$ -	\$ 247,000.00
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Miles	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Contractual:							\$ 327,000.00	\$ -	\$ -	\$ 327,000.00	
D. Travel & Per Diem:											
		0	Miles		0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Travel & Per Diem:							\$ -	\$ -	\$ -	\$ -	
E. Supplies											
	Public Outreach materials/signag	1	Each	10000	100%	0%	0%	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Supplies:							\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	
F. Equipment											
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Equipment:							\$ -	\$ -	\$ -	\$ -	
G. Other Costs											
	maintenance equipment	1	Each	33000	100%	0%	0%	\$ 33,000.00	\$ -	\$ -	\$ 33,000.00
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	0	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
Sub-Total Other Costs							\$ 33,000.00	\$ -	\$ -	\$ 33,000.00	
Total Direct Costs							\$ 380,000.00	\$ -	\$ -	\$ 380,000.00	
Indirect Costs (Exclude Equipment)							\$ -			\$ -	
Total Project Costs							\$ 380,000.00	\$ -	\$ -	\$ 380,000.00	
Less Program Income							\$ -			\$ -	
Total Grant Proposed Costs							\$ 380,000.00	\$ -	\$ -	\$ 380,000.00	