Mark Egbert  
Georgetown Divide Resource Conservation District  
100 Forni Road  
Placerville, CA 95667

5GG17108; Fire Adapted 50 PHII - El Dorado Cooperative Wildland Fire Prevention Strategy

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 Patrick McDaniel at (530) 647-5288 if you have questions concerning services to be performed. Please contact Bobby Nguyen at (916) 651-6620 if you have any administrative questions or concerns.

1. ☑ Full grant agreement including terms and conditions, addendum, grant application form, scope of work, budget, and map enclosed. Print (single sided) and return three (3) sets of agreements with original signatures in blue ink. In addition, please return the attachment(s) below, as applicable to your organization, to be received by CAL FIRE no later than November 30, 2018.

   ● Attachment 5 – Std. 204 Payee Data Record [http://www.documents.dgs.ca.gov/dgs/fmc/pdf/std204.pdf](http://www.documents.dgs.ca.gov/dgs/fmc/pdf/std204.pdf)
   ● Attachment 7 – Board Resolution or Attesting Document granting authority to sign (non-profit and local entity applicants)

Return all originals and requested documents for further processing to:
Department of Forestry and Fire Protection  
Attention: GMU/CCI FP  
P.O. Box 944246  
Sacramento, CA 94244-2460

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

CC: Joy Tucker  
    Patrick McDaniel  
    Stella Chan

“The Department of Forestry and Fire Protection serves and safeguards the people and protects the property and resources of California.”
State of California
Dept. of Forestry and Fire Protection (CAL FIRE)
State Fire Marshal’s Office
GRANT AGREEMENT

APPLICANT: Georgetown Divide Resource Conservation District

PROJECT TITLE: Fire Adapted 50 PHII - El Dorado Cooperative Wildland Fire Prevention Strategy

GRANT AGREEMENT: 5GG17108

PROJECT PERFORMANCE PERIOD IS from Upon Approval through March 15, 2022.

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 Dept. of Forestry & Fire Protection, agrees to fund the project up to the total state grant amount indicated.

PROJECT DESCRIPTION: Project will include pre-and post-treatment descriptions of site conditions and Project results relative to vegetative conditions and wildfire hazard reduction goal accomplishments. Fuel reduction activities will focus on reducing fire hazard, improving tree growth, and increasing forest resilience.

Total State Grant not to exceed $1,957,000.00 (or project costs, whichever is less)

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

Georgetown Divide Resource Conservation District

By Signature of Authorized Representative

Title

Date

CERTIFICATION OF FUNDING

<table>
<thead>
<tr>
<th>AMOUNT OF ESTIMATE FUNDING</th>
<th>GRANT AGREEMENT NUMBER</th>
<th>FUND</th>
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<tr>
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<tr>
<th>UNENCUMBERED BALANCE</th>
<th>LINE ITEM ALLOTMENT</th>
<th>CHAPTER</th>
<th>STATUTE</th>
<th>FISCAL YEAR</th>
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<tr>
<td>$1,957,000.00</td>
<td>3540-001-3228</td>
<td>14,249</td>
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<th>B.R. NO.</th>
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<th>OBJ. EXPEND</th>
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<tbody>
<tr>
<td>FY 17/18</td>
<td>9212</td>
<td>91015</td>
<td>418</td>
<td></td>
<td>VENDOR# 810200-00</td>
</tr>
</tbody>
</table>

I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance.
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 Georgetown Divide Resource Conservation District, hereinafter referred to as “GRANTEE”.

2. The STATE hereby grants to GRANTEE a sum (hereinafter referred to as “GRANT FUNDS”) not to exceed One Million Nine Hundred Fifty Seven Thousand Dollars ($1,957,000.00).

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.


   b. The submitted Application, Scope of Work, Budget Detail, GHG Emissions Reduction Methodology and Exhibits

   c. Addendum for Greenhouse Gas Reduction Fund (GGRF) Grant Projects

II. SPECIAL PROVISIONS

1. Recipients of GRANT FUNDS pursuant to Chapter 249, Statutes of 2017 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.
III. GENERAL PROVISIONS

1. Definitions

a. The term “Agreement” means grant agreement number 5GG17108.
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:

<table>
<thead>
<tr>
<th>STATE: CAL FIRE</th>
<th>GRANTEE: Georgetown Divide Resource Conservation District</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section/Unit: AEU - Amador-El Dorado Unit</td>
<td>Section/Unit:</td>
</tr>
<tr>
<td>Attention: Patrick McDaniel</td>
<td>Attention: Mark Egbert</td>
</tr>
<tr>
<td>Mailing Address: 2840 Mt. Danaher Road Camino, CA 95709</td>
<td>Mailing Address: 100 Forni Road Placerville, CA 95667</td>
</tr>
<tr>
<td>Phone Number: (530) 647-5288</td>
<td>Phone Number: 530 295 0120</td>
</tr>
<tr>
<td>Email Address: <a href="mailto:Patrick.McDaniel@fire.ca.gov">Patrick.McDaniel@fire.ca.gov</a></td>
<td>Email Address: <a href="mailto:mark.egbert@ca.usda.gov">mark.egbert@ca.usda.gov</a></td>
</tr>
</tbody>
</table>
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.

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 18 months 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 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.

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 Attachment 3 – Final Project Budget, 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
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 to:

California Department of Forestry & Fire Protection  
Attention: Patrick McDaniel  
2840 Mt. Danaher Road  
Camino, CA 95709

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.

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 California Climate Investment Fire Prevention 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.

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. 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.

   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.

9. 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 indemnity (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.

10. 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.

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.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.


4. 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.

5. 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.

6. 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/cci-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 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:

   “The Fire Adapted 50 PHII - El Dorado Cooperative Wildland Fire Prevention Strategy Program 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.”
Project Tracking #: 17-FP-AEU-1026  
CalMapper ID: 2700-2018-FPL-004

Project Name/Title: Fire Adapted 50 PHII - El Dorado Cooperative Wildland Fire Prevention Strategy

County: El Dorado  
CAL FIRE Unit/Contract County: AEU - Amador-El Dorado Unit

2. Organization Type: Other
If Other, please specify: Special District
If Non-Profit, are you a registered 501(c)(3)?

3. Sponsoring Organization: Georgetown Divide Resource Conservation District

Project Manager  Title: District Manager

First Name: Mark  
Last Name: Egbert

Address 1: 100 Forni Road
City: Placerville  
State: California  
Zip Code: 95667

Phone Number: 530 295 0120  
Secondary Phone Number: 530 957 3472

Email Address: mark.egbert@ca.usda.gov  
Fax Number:

4. For which primary activity is funding being requested?

Fuel Reduction

5. Grant Period: Please provide the estimated start date and completion date for your project. Projects MUST be completed by March 15, 2022. Note that final billing is due 30 days after project completion. Please use MM/DD/YYYY format.

Project Start Date: 08/01/2018  
Project Completion Date: 03/15/2022

Tracking #: 17-FP-AEU-1026
Project Name: Fire Adapted 50 PHII - El Dorado Cooperative Wildland Fire Prevention Strategy
6. **Project Location:** Identify a central point that identifies the general area of project activities. Enter the information in NAD 83 - degrees, minutes and seconds in whole numbers. Enter Longitude as a positive number.

A **REQUIRED** component of the application is the usage of the Fire Prevention Grant Project/Treatment Area Mapping Program. The mapping program and directions can be found here: [http://calfire.ca.gov/fire_prevention/firepreventiongrants](http://calfire.ca.gov/fire_prevention/firepreventiongrants)

Latitude must be between 32 and 42 degrees. Longitude must be between 114 and 125 degrees. Latitude and Longitude minutes and seconds must be between 0 and 60. For planning or public education projects, use a central point in the WUI for the general area covered by the project.

Please attach a Project map in PDF format with geographic information describing your project location. The map should show the surrounding area in relation to the project. **File naming convention:** Features should be named with the Tracking # and Feature Type. Example: 17-FP-UUU-XXXX-MAP.pdf

"**Project Area**" is the general area where project activities will reduce wildfire risk and/or damage. All projects must have a project area. For planning or public education grants or other projects that don't have well-defined boundaries, provide a map that generally covers the area. For example, for a county-wide public education project, the map should identify the populated portion of the WUI in the county.

7. **Project Area Statistics:**
For all projects, give an estimate of the project area size and include an estimate of the number of habitable structures impacted by the project. Provide the size of the treatment area for projects that include fuels treatment.

<table>
<thead>
<tr>
<th>LRA</th>
<th>FRA</th>
<th>SRA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Habitable Dwellings (# of dwellings):</td>
<td></td>
<td>4,685</td>
</tr>
<tr>
<td>Project Area (acres):</td>
<td>0</td>
<td>1,000</td>
</tr>
<tr>
<td>Fuels Treatment Area (acres):</td>
<td>0</td>
<td>1,000</td>
</tr>
</tbody>
</table>

8. **SRA Fire Hazard Severity Zones (FHSZ):**

Please provide an approximate number of acres or percentage of the project area in each zone.

<table>
<thead>
<tr>
<th>FHSZ Rating</th>
<th>Acres</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very High</td>
<td></td>
<td>100 %</td>
</tr>
<tr>
<td>High</td>
<td></td>
<td>%</td>
</tr>
<tr>
<td>Moderate</td>
<td></td>
<td>%</td>
</tr>
<tr>
<td>Non SRA (Federal or Local Area)</td>
<td></td>
<td>%</td>
</tr>
</tbody>
</table>

**TOTAL** 100 %

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

Tracking #: 17-FP-AEU-1026

Project Name: Fire Adapted 50 PHII - El Dorado Cooperative Wildland Fire Prevention Strategy
9. Limiting Factors:
Are there any existing forest or land management plans; Conservation Easements; Covenant, Conditions & Restrictions (CC&R’s); matters related to zoning; use restrictions, or other factors that can or will limit the fire prevention proposed activity?

☐ If checked, describe existing plan(s) and the limitations, if any, in the attached Scope of Work.

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

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

THP ID Number: 

11. Communities at Risk: Is the project associated with a community that is listed as a Community At Risk? See http://osfm.fire.ca.gov/fireplan/fireplanning_communities_at_risk.php ☑ Yes ☐ No

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

Pollock Pines, Camino

Number of Community(ies) at Risk: 2

12. Disadvantaged/Low Income Community(ies): Does the project contain a Disadvantaged and/or Low Income Community? See https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm ☑ Yes ☐ No

If yes, select all that applies: ☐ Disadvantaged ☑ Low Income ☐ Both ☐ Buffer Zone

13. Describe how your proposal would reduce the total amount of wildfire (and thereby reduce wildfire emissions) around communities, homes, infrastructure, and other highly valued resources. Please focus on GHG benefits. (limited to space provided):

When considered in conjunction with other fuel reduction treatments associated with Fire Adapted 50 this project will reduce the likelihood of severe wildfire in Pollock Pines and Camino. That will result in reduced greenhouse gas emissions.

14. Project Budget:
What is the proposed budget? Please include a discussion of the project budget in the Scope of Work and enter the amount from the Project Budget workbook (.xls).

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<thead>
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<th>Budget Item</th>
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<tr>
<td>Total Project Budget ($)</td>
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15. Local Wildland Fire Risk Reduction Plans:
Is the project in, consistent with, or build on a larger plan that deals with the risk and potential impact to habitable structures in the WUI covered by this project? If so, discuss in the Scope of Work. Select all that apply.

☑ CAL FIRE Unit Strategic Fire Plan ☐ Homeowners’ Association Plan ☑ Fire Safe Council Action Plan
☑ County Fire Department Strategic Fire Plan ☑ Local Fire Department Plan ☐ FIREWISE Community Assessment
☑ Other Local Plan (Identify in Scope of Work) ☑ Local Hazard Mitigation Plan ☑ Community Wildfire Protection Plan

Tracking #: 17-FP-AEU-1026

Project Name: Fire Adapted 50 PHII - El Dorado Cooperative Wildland Fire Prevention Strategy
16. CEQA Compliance:
Describe how compliance with the California Environmental Quality Act (CEQA) will be achieved in the Scope of Work. Is there an existing (CEQA) document that addresses this project or can be used to meet CEQA requirements?
For planning, education and other projects that are exempt from CEQA, select "Not Applicable".

Please indicate the CEQA document type: Will File

Document Identification Number

17. Application Submission:

NOTE TO APPLICANT: If you modify the language contained in any part of this document, other than to fill in the blanks, or to provide requested information, your application will be rejected.
Note: Replace XXXX in the file name with the project's ID Number.
Note: Replace UUUU 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.

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

[Signature]

Original Signature Required: Grantee's Authorized Representative

Date Signed: June 5, 2018

Printed Name: Mark Egbert

Title: District Manager

Executed on: Jun 4, 2018
at Placerville

Please fill out this form completely. Be sure to save a copy of this form for your records. Submit one (1) electronic copy in fillable PDF format with all supporting materials to CALFIRE.Grants@fire.ca.gov. Please use "Fire Prevention Program Project Application" in the E-mail subject line and include yourself as a cc. Your CC will be proof of your submittal. In addition, submit one (1) hard copy with signatures and all supporting materials to California Department of Forestry and Fire Protection, Attention: Grants Management Unit - Fire Prevention Program, P.O. Box 944246, Sacramento, CA 94244-2460. Hard copy will need to be postmarked no later than June 6, 2018. Electronic copy must be submitted no later than June 6, 2018 at 3:00 pm PST. Applications postmarked after this date and time will be considered late.

If you would like to mail the hard copy via expedited/overnight mail, please E-mail CALFIRE.Grants@fire.ca.gov for the physical mailing address.

Tracking #: 17-FP-AEU-1026

Project Name: Fire Adapted 50 PHII - El Dorado Cooperative Wildland Fire Prevention Strategy
California Department of Forestry and Fire Protection
(CAL FIRE) California Climate Investments
Fire Prevention Grants Program
Project Scope of Work

**Project Name:** El Dorado Cooperative Wildland Fire Prevention Strategy – Fire Adapted 50 – Phase II

**Project Tracking Number:** 17-FP-AUE-1026

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

The El Dorado County Cooperative Wildfire Prevention Strategy (Project) is an innovative all-lands hazardous fuel reduction project aimed to create fire resilient forest ecosystems and fire-adapted human communities. The strategy is exemplified by its inclusion in Fire Adapted 50 (FA50) and the South Fork American River Cohesive Strategy (SOFAR). The landscape encompassed by these efforts is representative of the current state of the Sierra Nevada as evidenced by the devastating effects of recent fires (including the 2014 King Fire), drought and insect associated tree mortality and the susceptibility of human communities, ecosystems and watersheds to such catastrophic events. The values to be protected in this watershed are critical to the local and regional economy and to ecosystem health.

The proposed Project is an integral component of FA50 that addresses the risk of wildfire and would directly reduce wildfire potential to forests and adjacent communities within the Wildland-Urban Interface (WUI). The Project location is the Camino/Pollock Pines Shaded Fuel Break that goes from Slab Creek Dam to Pony Express Trail along the South Fork American River Canyon. The fuel break is positioned to utilize an existing fire mitigation line developed during the King Fire and will tie into other existing Iowa Hill and Independence fuel breaks. The Project will be between 100 and 600 feet wide and will encompass up to 1000 acres of private land. The fuel break will ultimately be completed with the treatment of another 759 acres of Forest Service land (only private land is proposed for treatment under this grant application).

Activities proposed in this Project will include pre-and post-treatment descriptions of site conditions and Project results relative to vegetative conditions and wildfire hazard reduction goal accomplishments. Fuel reduction activities will focus on reducing fire hazard, improving tree growth, and increasing forest resilience. Treatments will eliminate the vertical and horizontal continuity of vegetative fuels for the purpose of reducing the rate of fire spread, duration and intensity, fuel ignitability, and ignition of tree crowns. The prescriptions used may include mechanical and hand thinning, removal of ladder fuels and treatment of slash. No merchantable trees will be removed by the project and vegetation will be treated on-site or removed, rather than burned, or shipped to a biomass plant for energy production if feasible. Because the Project area is within a Tier I or II tree mortality zone, there are incentives for biomass plants to utilize the material.
It is anticipated that this project will be followed by hand treatment of fuels on Forest Service land within the fuel break to complete the overall fuel break. Environmental analyses (CEQA/NEPA) for that project are currently being conducted and CAL FIRE has allocated $45,000 of conservation crew time to implementing the treatments on Forest Service land after environmental documentation is completed.

Greenhouse gas reduction benefits will accrue due to the reduced probability of severe wildfire both within the fuel break and within the larger fireshed i.e., shadow effects. Carbon sequestration will be secured through growth of residual trees within the fire break. Short-term emissions will be associated with the removal of excessive vegetation and equipment operations, but these would be offset by longer term greenhouse gas reduction benefits. Other benefits of the project will include protection of Pollock Pines and Camino, at-risk low-income communities with over 4685 habitable structures, protection of water conveyance and energy infrastructure and improved resiliency of forests to wildfire, insects and disease.

The Project is consistent with relevant local, regional and statewide plans.

A. Scope of Work

Section 1: Hazardous Fuel Reduction/Removal of Dead or Dying Tree Projects

1. Describe the geographic scope of the project, including an estimate of the number of habitable structures and the names of the general communities that will benefit.

This Project proposes to implement Phase II of the Fire Adapted 50 (FA50) Project with the purposeful intent to promulgate the State’s Fire Plan and the National Cohesive Strategy goals and objectives. The Project is consistent with State and National geographic priorities because of the many values at risk threatened by complex fire issues associated with drought, climate change, fuel loading, insects and disease. Communities, infrastructure, private timber, water, power, recreation, protected species, and fire frequency are all reasons that this area is a high priority for collaborative action.

The values to be protected in this project area are critical to the local and regional economies and to ecosystem health. The emphasis of FA50 is on connected treatments across all lands designed to defend hardened infrastructure points, high value investments and critical habitats within the Wildland Urban Interface/Intermix (WUI) zone. The proposed fuel break is intended to primarily prevent the propagation of wildfire from wildlands north of Highway 50 to the communities of Pollock Pines and Camino, identified low income communities at risk with an estimated 4685 habitable structures.

The overarching objective of the FA50 project is to implement a landscape-level pilot project that will demonstrate cross-jurisdictional cooperation for fuel modification in a high fire hazard area of the State within existing statuary and regulatory frameworks.

2. Describe the goals, objectives, and expected outcomes of the project.
Specific goals include:
1) Resilient Landscapes
2) Fire Adapted Communities
3) Safe and Effective Wildfire Response.

Specific objectives include:
1) Support an all-lands approach to create fire resilient and fire-adapted communities along the Highway 50 corridor,
2) Use existing fuel breaks and forest treatments to create large, more fire resilient fuel breaks,
3) Protect communities, infrastructure, and forest resources within the WUI,
4) Implement vegetation prescriptions to reduce fire hazard, improve tree growth, and increase forest resiliency;
5) Implement vegetation prescriptions to reduce the rate of spread, duration and intensity of wildfire and prevent ignition of crowns;
6) Retain or enhance ecosystem processes compatible with the fuel hazard reduction prescription;
7) Utilize the Project as an educational opportunity to increase community awareness associated with living in a WUI;
8) Maintain post-treatment landscape conditions under long-term stewardship agreements with Project partners.

Expected Outcomes include:
The expected outcomes of the Project will manifest as forest conditions that are comparable to the conditions of completed projects in the Sly Park Vegetation Management Project, Phase I of FA50. These conditions will include reduced vertical and horizontal connectivity between tree, shrub and herbaceous fuels i.e., defensible fuel profile, and residual tree density that maximizes site productivity and tree growth. Wildfire suppression capabilities and firefighter safety will be enhanced by provision of a location where staging and crew deployment is facilitated in the event that a wildfire occurs. Improved forest health and resiliency will reduce the susceptibility of trees to drought and insect attacks.

The primary metric for measuring Project outcomes will be completed acres. Additional metrics will include number of public presentations at workshops and agency meetings, number of field trips to the Project area and number of attendees and number of press releases and/or media stories on the Project.

As described in a subsequent section of this Scope of Work, we also offer the option of conducting a quantified analysis of greenhouse gas reduction benefits of the Project using methodology approved by CARB and CAL FIRE. This is treated as an optional item in our budget.
3. Provide a clear rationale for how the proposed project will reduce the risks associated with wildfire to habitable structures in the WUI.

By intercepting a fire starting north of Highway 50, changing its behavior and facilitating safe and effective fire suppression actions the Camino/Pollock Pines Shaded Fuel Break is intended to prevent a conflagration in the communities of Pollock Pines and Camino and neighboring areas. The values to be protected in this watershed are critical to the local and regional economies and to ecosystem health. The emphasis of FA50 is on connected treatments across all lands designed to defend hardened infrastructure points, high value investments and critical habitats in the Wildland Urban Interface/Intermix (WUI) zone.

4. Identify any additional assets at risk to wildfire that will benefit from the proposed project. These may include, but are not limited to, domestic and municipal water supplies, power lines, communication facilities and community centers.

The Project is proposed for implementing the FA50 and SOFAR Cohesive strategy because of the many values at risk. Assets that will be protected by the Project include those operated by the El Dorado Irrigation District (EID) and the Sacramento Municipal Utilities District (SMUD). SMUD is the owner, licensee, and operator of the Upper American River Project (“UARP”), the facilities of which are used to divert, store, and release water within the watersheds of the South Fork and the Middle Fork of the American River for the purpose of generating and transmitting electric power to a 900-square-mile service area. SMUD operates eleven reservoirs and eight powerhouses (“UARP Facilities”), all of which are located within the boundaries of El Dorado County and some of which would receive beneficial protection under this project. EID operates and maintains water conveyance facilities within the vicinity of the Project that would likewise receive protection.

5. Is the scale of the project appropriate to achieve the stated goals, objectives and outcomes discussed in Item 2 above?

This Project must be viewed in the context of the SOFAR Cohesive Strategy and FA50. There are three components to FA50: 1) Sly Park Vegetation Management Project; 2) roadside fuel reduction on Highway 50 between Icehouse Road and Echo Summit; and 3) the Camino/Pollock Pines Shaded Fuel Break. The Sly Park Vegetation Management Program will be completed over the next year with funding from Sierra Nevada Conservancy, EID and CAL FIRE. NEPA and CEQA analyses are currently being conducted for the Highway 50 treatment and for Camino/Pollock Pines Shaded Fuel Break. This Project will implement fuel reduction treatments on private land within the Camino/Pollock Pines Shaded Fuel Break. Fuel reduction on the Forest Service land within the Shaded Fuel Break will be implemented after completion of environmental analyses utilizing contracted and CAL FIRE crews. Overall, this Project contributes to a landscape scale effort to reduce fire hazard, increase forest resiliency and promote fire adapted communities. The fire history of this area, including the King Fire of 2014, warrants this concerted, multi-agency effort.
6. How will the project/activity utilize the left over woody biomass? Will the project/activity use a biomass facility to reduce greater greenhouse gas emissions?

The prescriptions used may include mechanical and hand thinning, removal of ladder fuels and treatment of slash. No merchantable trees will be removed by the project and vegetation will be treated on-site or removed, rather than burned, or the material will be shipped to a biomass plant, if feasible. Although there are currently no biomass facilities within a reasonable distance of the Project area, there is incentive to utilize the material for energy production because the Project is within a Tier I or Tier II tree mortality zone. Biomass power producers will be contacted to determine their interest in material from Project activities.

B. Relationship to Strategic Plans

Does the proposed project support the goals and objectives of the California Strategic Fire Plan, the local CAL FIRE Unit Fire Plan, a Community Wildfire Protection Plan (CWPP), County Fire Plan, or other long-term planning document?

The Project is based on California’s Strategic Fire Plan and is an integral component of an innovative all-lands approach to create fire resilient forest ecosystems and fire-adapted communities. The Project occurs within two priority landscape management units: The Fire Adapted 50 Strategy (FA50) and the South Fork American River Cohesive Strategy (SOFAR). It is also consistent with the Amador-El Dorado Unit Fire Plan and the El Dorado County CWPP. The Project will demonstrate cross jurisdictional cooperation for fuel modification in a high fire hazard area of the State within existing statutory and regulatory frame works. These management units exemplify the current state of the Sierra Nevada as evidenced by the devastating effects of recent fires, drought and insect associated tree mortality and the susceptibility of human communities, ecosystems and watersheds to such catastrophic events. The Project will leverage a collaboration between long-time partners to implement ecologically sound forest restoration work on a large-landscape scale.

C. Degree of Risk

1. Discuss the location of the project in relation to areas of moderate, high, or very high fire hazard severity zones as identified by the latest Fire and Resource Assessment Program maps. Fire hazard severity zone maps by county can be accessed at: http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps.php

We conducted an analysis of an area of five mile radius centered on the Project site to determine the proportions of SRA lands within different fire hazard severity zones. The area classified as SRA encompasses about 12,762 acres. Of this total, the entire project area is entirely within or adjacent to very high FHSZ.
2. Describe the geographic proximity of the project to structures at risk to damage from wildfire in the WUI.

The emphasis of the Project is on connected treatments across all lands designed to defend hardened infrastructure points, high value investments and critical habitats within the Wildland Urban Interface/Intermix (WUI) zone. The proposed fuel break is located immediate to two communities described below and is intended to primarily prevent the propagation of wildfire from wildlands north of Highway 50 to the communities of Pollock Pines and Camino.

Pollock Pines is a census-designated place (CDP) in El Dorado County California. It is an unincorporated community. It is also part of the Sacramento-Arden-Arcade-Roseville Metropolitan Statistical Area. Pollock Pines lies at elevations between 3500 and 4200 ft. on the western slope of the Sierra Nevada Mountains. The population was 6,871 at the 2010 census. Pollock Pines is designated as a Wildland Urban Intermix area and is identified in the Federal Register as a “Community at Risk” from wildfire.

The area encompassing Pollock Pines is in a heavily timbered mountain region situated along the ridge top on the south side of the South Fork of the American River. It is approximately 15 miles east of Placerville and 60 miles east of Sacramento on Highway 50. It includes the area from the American River on the north to Jenkinson Lake and the Mormon Emigrant Trail on the south. There are scattered tracts of the Eldorado National Forest (ENF) within Pollock Pines.

One of the primary values at risk in the Pollock Pines area, in addition to the obvious life safety issues of a wildland fire, is the water supply for a large portion of the population of El Dorado County. The hub of the El Dorado Irrigation District (EID) water delivery system is located in Pollock Pines. A major component of the entire system is the reservoir known as Jenkinson Lake (locally called Sly Park Lake). This reservoir produces or stores a large part of the water supply for many areas of El Dorado County, including the Pollock Pines community.

Any fires spreading through the Pollock Pines area would also have a severe impact upon the watersheds of Weber Creek, Hazel Creek, and Sly Park Creek. The latter two are the primary water sources for Jenkinson Lake. Depending on fire spread, the South Fork of the American River, with all the associated tributaries and infrastructure of the EID main canal (which brings water from the high elevations to the east to be stored in Jenkinson Lake), could also be threatened.

There are slightly over 2400 private residences in the Pollock Pines area. This does not include multi-family dwellings, mobile home parks, or any commercial structures. There are three school facilities within Pollock Pines (Pinewood Elementary, Sierra Ridge Middle School, and the Emigrant Trail Educational Center (used to support the Middle School and home of the Boys and Girls Clubs, as well as the Pollock Pines Elementary School District administrative offices).
Camino/Cedar Grove Community area is adjacent to the Pollock Pines Community is primarily an agricultural community with small family owned fruit orchards, vineyards, and Christmas tree farms. The community also has about \( \frac{1}{2} \) of its acreage in private forest land and National Foes land on the north side and south side of the community. The Sphere of Influence includes 15,292 acres the 2010 population is 5063 and 2,285 housing units.

D. Community Support

1. Does the project include any matching funds from other funding sources or any in-kind contributions that are expected to extend the impact of the proposed project?

   a. Phase I FA50 (Sly Park Vegetation Management Project) received $972,000.00 under Agreement #6CA03053 (2016) between CAL FIRE and the El Dorado County Resource Conservation District (657 acres treated).

   b. Phase I FA50 (Sly Park Vegetation Management Project) has received $500,000.00 under Agreement #1043 (2018) between the Sierra Nevada Conservancy and the El Dorado County Resource Conservation District (est. 260 acres will be treated).

   c. Phase II FA50 (EDC Cooperative Wildland Fire Prevention Strategy) includes $190,000.00 under Agreement #16-GN-II 050300-030 awarded to the Georgetown Divide RCD to complete a joint CEQA/ NEPA analyses. Funding for this is provided by the first Good Neighbor Authority Agreement in the State between the Forest Service and CAL FIRE.

   d. Phase III FA50 (Highway 50 Corridor Fire Protection Strategy) has received $718,000 under the Good Neighbor Authority Agreement between the Forest Service and CAL FIRE (Agreement #16-GN-II 050300-030. An estimated 400 acres will be completed by CAL FIRE crews.

2. Describe plans for external communications during the life of the project to keep the effected community informed about the goals, objectives and progress of the project. Activities such as planned press releases, project signage, community meetings, and field tours are encouraged.

   The RCD has developed a Communications Strategy in cooperation with CAL FIRE, Forest Service, Fire Safe Council, Society of American Foresters and other project partners. The purpose of the communications strategy is to increase the public's awareness of the FA50 project, its goals, objectives and impacts to community wildfire protection. It also integrates with the SOFAR Cohesive Strategy group to distribute and disseminate project accomplishments. Activities planned for the next 3-5 years include press releases (3), public workshops (3), community meetings (3) and field tours (6). Several tours have already taken place, in fact, we have a workshop scheduled for June 21, 2018 that will highlight the FA50 Project.
3. Describe any plans to maintain the project after the grant period has ended.

Plans for maintaining the project after completion are under consideration in the form of a long-term Memorandum of Understanding between the RCD, CAL FIRE, Sierra Pacific Industries, Forest Service, SMUD, EID and private landowners. For the Sly Park Vegetation Management Project maintenance is assured because the project area is within a CAL FIRE Vegetation Management Plan. We would expect maintenance to be conducted within the Camino/Pollock Pines Shaded Fuel Break through a combination of contracted and CAL FIRE crews utilizing mechanical, hand treatments and prescribed fire.

4. Does the proposed project work with other organizations or agencies to address fire hazard reduction at the landscape level?

The entirety of FA50, including the proposed project is a collaborative effort involving CAL FIRE, the Forest Service, the Georgetown Divide and El Dorado County RCDs, private landowners, EID, SMUD, SPI. EID, SMUD and SPI all have their own programs for reducing fire hazards on their lands. The Project has been recognized by the SOFAR Cohesive Strategy Group and numerous stakeholders committed to the collaborative all-lands Strategy.

Several other planning efforts that complement the FA50 Strategy are currently underway. Coordination of these efforts is essential to ensure community needs are being addressed while at the same time establishing priorities for community wildfire protection. These are necessary to ensure that the scale of management actions is equivalent to the potential scale of threat.

E. Project Implementation

1. Discuss the anticipated timeline for the project. Make sure to take seasonal restrictions into account.

The anticipated timeline for the Project is as follows: Project start August 1, 2018; completion of NEPA/CEQA analyses, procurement of right of entry to private properties and delineation of treatment areas by June 2019; contract for treatments by August 2019; implementation complete by March 15, 2022.

Factors that will influence Project implementation and scheduling will include winter conditions which can preclude equipment operations for extended periods, limited operating periods (LOP) due to wildlife species considerations, periods of high fire hazard i.e., “red flag” days when compliance with the RCD fire plan and CAL FIRE requirements will be mandated and unforeseen equipment or personnel issues. Given the relatively liberal performance period – 2018 until 2022 – none of these factors will impair project completion on schedule.

2. Verify the expected timeframes to complete the project will fall under the
March 15, 2022 deadline.

We foresee no difficulties in meeting the deadline for completion by March 15, 2022.

3. Describe the milestones that will be used to measure the progress of the project.

Project milestones will include completion and certification of NEPA/CEQA analyses, procurement of right of entry to private properties; awarding of implementation contract(s); and project completion.

4. Describe measurable outcomes (i.e. project deliverables) that will be used to measure the project’s success.

The ultimate deliverable from this Project will be 1000 acres of private land within the SRA that has been treated to reduce fire hazard, improve forest resiliency and enhance firefighters’ abilities to fight a wildfire in a safe and effective manner. When considered in conjunction with treatments that will be done on Forest Service land within the proposed fire break the Project will contribute to the implementation of the entire landscape-scale Fire Adapted 50 strategy.

In addition to completed acres, other deliverables that will result from this Project will include before-after photographic essays of the work that will be valuable tools for informing decision makers and the public about the project, progress and final reports, press releases, presentations at public and interagency meetings and counts of attendees and number of field workshops along with counts of attendees. Post-project evaluations will include analyses of costs for treatments.

As we understand it, CAL FIRE staff will conduct analyses of the greenhouse gas reduction benefits of projects submitted for funding under this grant program. There does not appear to be a requirement for grantees to perform such analyses. However, as an option the District proposes to contract for a greenhouse gas reduction analysis after Project completion. The methodology approved by CARB and CAL FIRE will be used to conduct the analysis. The results would be of benefit to decision makers regarding funding of future similar projects.

5. If applicable, how will the requirements of the California Environmental Quality Act (CEQA) be met?

NEPA and CEQA analyses are currently being conducted under a separate agreement pursuant to the Good Neighbor Master Agreement. We anticipate that work to be completed by March 2019.

F. Administration

1. Describe any previous experience the project proponent has with similar projects. Include a list of recent past projects the proponent has successfully completed if applicable. Project proponents having no previous experience with similar projects
should discuss any past experiences that may help show a capacity to successfully complete the project being proposed. This may include partnering with a more experienced organization that can provide project support.

The RCD is currently implementing the following grant projects that are comparable in scope and complexity:

- **King Fire Restoration & Reforestation Project** - $1,893,956.50 (Agreement #8GG14903). The overall objective of the King Fire Restoration and Reforestation Project was to begin the process of reversing the ecological, economic, environmental, aesthetic and social impacts of the King Fire. Specific objectives included: 1) treat private lands affected by the King Fire to reduce the potential for wild fire in the future by removing accumulated debris and dead trees; 2) conduct site preparation and planting to re-establish forest cover on the private lands; and 3) increase potential carbon sequestration and achieve greenhouse gas emissions reduction through the reforestation of the burned area. Ultimately, the goal is to restore the forest ecosystem that was destroyed by the King Fire.

- **EDC Cooperative Wildland Fire Prevention Strategy** - $190,000.00 (Agreement# 2CA03472). The agreement includes the completion of NEPA (where NEPA has not been completed) and CEQA as required by state and federal law for the Highway 50 and Camino/Pollock Pines fuel break.

2. Identify who will be responsible for tracking project expenses and maintaining project records in a manner that allows for a full audit trail of any awarded grant funds.

   Administration and Management of this project will be the responsibility of the Georgetown Divide Resource Conservation District (RCD) and includes: technical and administrative services needed for project completion; assurance the project as described under the Scope of Work is completed within the budget, performance period, and in accordance with approved procedures, applicable laws, and regulations. RCD shall comply with all applicable laws and regulations regarding securing competitive bids and undertaking competitive negotiations in contracts with other entities for acquisition of goods and services with funds provided by the State under this Agreement. The RCD will provide administrative personnel and Licensed Registered Professional Foresters and will contract for the services of licensed timber operators to perform the treatments.

   Reporting schedule will include three-month progress reports, draft and final completion reports. The submittal and approval of all reports is a requirement for the successful completion of this Agreement. Reports shall meet generally accepted professional standards for technical reporting and shall be proofread for content, numerical accuracy, spelling, and grammar prior to submittal to State. All reports shall be submitted to the State’s Project Manager and shall be submitted in both electronic and hard copy forms. If requested, RCD shall promptly provide any additional information deemed necessary by State for the approval of reports.
The timely submittal of reports is a requirement for initial and continued disbursement of State funds.

G. **Budget**

A detailed project budget should be provided in an Excel spreadsheet attached to this grant application. The space provided here is to allow for a narrative description to further explain the proposed budget.

1. Explain how the grant funds, if awarded, will be spent to support the goals and objectives of the project. If equipment grant funds are requested, explain how the equipment will be utilized and maintained beyond the life of the grant.

   The Project budget contains direct costs associated with Project Management, Professional Services Agreements, and Construction Contracts as defined below.

   **Project Management:** Project Management (12%) will be the responsibility of the RCD and includes: technical and administrative services needed for project completion; supervision and review of all work performed; assuring that the project is completed within the budget, performance period, and in accordance with approved procedures, applicable laws, and regulations. The RCD will prepare quarterly progress reports, draft and final completion reports. Professional services proposed for the project are listed below.

   **Professional Services.** The RCD proposes to acquire two Registered Professional Foresters, a Planning Forester to assist with project tracking and GHG Analysis and an Implementation Forester to oversee contractors and ensure adherence to the treatment prescriptions, the District's fire plan, and all local, state and federal regulatory requirements. We anticipate a cost range from $95-$125/hour for each consultant.

   **Construction Contracts.** RCD shall comply with all applicable laws and regulations regarding securing competitive bids and undertaking competitive negotiations in contracts with other entities for acquisition of goods and services with funds provided by State. The budget allocation and estimated acres proposed to be treated are based on current rates being paid for similar work in nearby areas. We used $1,500/acre as a cost basis when developing this proposal. Actual rates may be lower and as such could increase the amount of land treated.

2. Are the costs for each proposed activity reasonable for the geographic area where they are to be performed? Identify any costs that are higher than usual and explain any special circumstances within the project that makes these increased costs necessary to achieve the goals and objectives of the project.

   The total project cost is appropriate for the size, scope, and anticipated benefits of the Project as experienced through implementation of FA50 Phase I. Vegetation in the Project area is similar to the vegetation within the Sly Park Vegetation Management
Project and the treatment prescriptions are essentially the same. Fuel Load Reduction Contractor costs on a per acre basis for Phase I were $1,475.00 per acre. We used a per acre rate of $1,500.00 based on the topographic and vegetative conditions of the treatment area. Mobilization costs should also be similar, or slightly higher, based on the geographic location and entry points of the Project. Costs associated with maintaining compliance with the RCD’s Fire Plan should also be similar and are consistent with Forest Service and SPI requirements.

3. Is the total project cost appropriate for the size, scope, and anticipated benefit of the project?

We expect to complete the Project within Scope, Budget, and timeline. Project activity will be measured and reported in acres treated and percent expenditures as compared to time.

4. Identify all Indirect Costs and describe why they are necessary for a successful project implementation. Administrative expenses to be paid by the Fire Prevention Grants must be less than 12% of the total grant request (excluding equipment).

The budget contains a Project Management Task which identifies Salaries, Wages and benefits (billable rate for direct and indirect allowable costs) for each staff member directly servicing the Project. As such, the budget does not include a general Administrative budget line item.

5. Explain each object category in detail and how that would support meeting the grant objectives.

Budget Category A: Salaries and Wages.
This task is associated with Project Management and will be the responsibility of the RCD and includes: technical and administrative services needed for project completion; supervision and review of all work performed; conducting field inspections, monitoring, and assuring that the project is completed within the budget, performance period, and in accordance with approved procedures, applicable laws, and regulations. The RCD will prepare quarterly progress reports, draft and final completion reports.

RCD personnel, in coordination with RPF consultants, will refine the existing map to indicate the boundaries of participating parcels, access and locations of existing or proposed improvements. As part of this task we will also obtain formal consent from all participating property owners and conduct additional preliminary reconnaissance on each parcel.

Budget Category B: Contractual.
Registered Professional Foresters:
The RCD proposes to acquire two Registered Professional Foresters, a Planning Forester to assist with project tracking and GHG Analysis and an
Implementation Forester to oversee contractors and ensure adherence to the treatment prescriptions, the District's fire plan, and all local, state and federal regulatory requirements. We anticipate a cost range from $95-$125/hour for each consultant.

Environmental Compliance.
This category accounts for contributions being provided under the Good Neighbor Authority Agreement between CAL FIRE and the Forest Service to complete all necessary requirements including such things as CEQA/NEPA mitigation or requirements; adherence to silviculture prescriptions and marking guides; and locations of protected resources as necessary to comply with federal law, regulation, and policy.

GHG Benefits Analysis.
As we understand it, CAL FIRE staff will conduct analyses of the greenhouse gas reduction benefits of projects submitted for funding under this grant program. There does not appear to be a requirement for grantees to perform such analyses. However, as an option the District proposes to contract for a greenhouse gas reduction analysis after Project completion. The methodology approved by CARB and CAL FIRE will be used to conduct the analysis. The results would be of benefit to decision makers regarding funding of future similar projects.

Fire Prevention Contractor.
RCD shall comply with all applicable laws and regulations regarding securing competitive bids and undertaking competitive negotiations in contracts with other entities for acquisition of goods and services with funds provided by State. The budget allocation and estimated acres proposed to be treated are based on current rates being paid for similar work in nearby areas. We used $1,500/acre as a cost basis when developing this proposal. Actual rates may be lower and as such could increase the amount of land treated.

Budget Category C: Supplies.
The RCD will purchase flagging to ensure appropriate delineation of property boundaries, treatment boundaries and all sensitive resource zones in accordance with the California Forest Practice Rules.

Budget Category D: Equipment.
The RCD will purchase two GPS units to collect field data and to ensure consistent of mapping of project features. This will also help maintain project records and reporting to the State. The RCD will purchase a camera to ensure pre-treatment and post-treatment photo documentation is completed.
H. California Climate Investments

The space provided here is to allow for a narrative description to further explain how the project/activity will reduce Greenhouse Gas emissions.

1. How will the project/activity reduce Greenhouse Gas emissions?

   The project will result in short-term emissions associated with the removal of excessive fuels and equipment operations. Those emissions will be offset by the long-term benefits of reducing the likelihood of severe wildfire both within the treated area and in the larger fireshed i.e., shadow effects. These benefits have not been quantified but previous analysis of the Sly Park Vegetation Management Project has indicated that they may be substantial. As previously discussed, the District offers the option of performing a post-project greenhouse gas analysis to evaluate the impacts of the Project.

2. Is the project located in a Low-Income or Disadvantaged Community? If not, does the project benefit those communities. Please explain.

   The project will benefit the low income, at risk communities of Camino and Pollock Pines by providing the protection of a fire break between wildlands and the communities.

3. What are the expected co-benefits of the project/activity (i.e. environmental, public health and safety, and climate resiliency)?

   The principal benefits the project will be reduced fire hazard, enhanced resiliency of residual forests, reduced risk of wildfire in the communities of Camino and Pollock Pines and in neighboring areas and improved safety and effectiveness of fire suppression capabilities if a fire occurs.

4. When are the Greenhouse Gas emissions and/or co-benefits expected to occur and how will they be maintained?

   Greenhouse gas reduction benefits will occur upon project completion because of the reduced likelihood of severe wildfire and will increase over time as residual forests grow. Thinning and removal of excess biomass is expected to benefit the growth of residual trees. This growth, in turn, will offset the emissions associated with biomass removal and equipment operations. No trees larger than nine inches diameter will be removed as a result of the project. Over time the amount of carbon associated with excess biomass will be sequestered by these residual trees. These benefits will be secured and increase over the long term if the firebreak is maintained to preserve its effectiveness.
**Project Budget**

**Project Name:** El Dorado Cooperative Wildland Fire Prevention Strategy – Fire Adapted 50 – Phase II

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<thead>
<tr>
<th>Budget Category</th>
<th>Item Description</th>
<th>Quantity</th>
<th>Units</th>
<th>Cost/Unit</th>
<th>Cost Basis (%)</th>
<th>Grant Share</th>
<th>Grantee Share</th>
<th>Partner Share</th>
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**Total Direct Costs**

| Indirect Costs (Exclude Equipment) | | $ - | - | $190,000 | $2,147,000 |

**Total Project Costs**

| Less Program Income | | $ - | - | $190,000 | $2,147,000 |

**Total Grant Proposed Costs**

| | $1,957,000 | - | $190,000 | $2,147,000 |