

ATTACHMENT B

SBC Fuel Reduction Maintenance Equipment Project Grant Agreement #5GG21155



DEPARTMENT OF FORESTRY AND FIRE PROTECTION

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



August 23, 2022

Fred Tan
 Santa Barbara County Fire Department
 4410 Cathedral Oaks Road
 Santa Barbara, CA 93110

5GG21155; Santa Barbara County Fire Department, "SBC 2022 Fuel Reduction Equipment 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 Jason Sweet at (805) 896-6350 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 Satoshi Okuno at Satoshi.Okuno@fire.ca.gov no later than **September 22, 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.

In addition, the following completed document is required before we can execute your agreement:

- **Signed Board Resolution**

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,

Satoshi Okuno
 Grants Analyst
 Grants Management Unit

CC: Jason Sweet
 Southern Region Grants
 Tiffany Kelly

Enclosures

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

APPLICANT: Santa Barbara County Fire Department
 PROJECT TITLE: SBC 2022 Fuel Reduction Equipment Project
 GRANT AGREEMENT: 5GG21155


PROJECT PERFORMANCE PERIOD is from date of latter signature by CAL FIRE Deputy Director or Grantee through March 15, 2026.

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: The 2022 SBC Fuel Reduction Equipment project will aid the effort to complete ongoing fuel reduction work on current and new fuel reduction projects as identified in the Santa Barbara County Unit Fire Plan. There are currently 30 fuel reduction and VMP projects either planned, in current implementation, or requiring maintenance, totaling 10,658.6 acres, including 283 miles of roadside treatments.

Total State Grant not to exceed **\$ 250,000.00** (or project costs, whichever is less).

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

Santa Barbara County Fire Department <hr/> Applicant By  <hr/> Signature of Authorized Representative Title: Mark A. Hartwig, Fire Chief / Fire Warden <hr/> Date 10-18-22 <hr/>	STATE OF CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION <hr/> By _____ <hr/> Title: Daniel Berlant, Deputy Director <hr/> Date _____ <hr/>
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CERTIFICATION OF FUNDING

GRANT AGREEMENT NUMBER 5GG21155	PO ID	SUPPLIER ID 0000189023
FUND 3228	FUND NAME Greenhouse Gas Reduction Fund	
PROJECT ID N/A	ACTIVITY ID N/A	AMOUNT OF ESTIMATE FUNDING \$ 250,000.00
GL UNIT N/A	BUD REF 101	ADJ. INCREASING ENCUMBRANCE \$ 0.00
PROGRAM NUMBER 2470010	ENY 2021	ADJ. DECREASING ENCUMBRANCE \$ 0.00
ACCOUNT 5340580	ALT ACCOUNT 5340580000	UNENCUMBERED BALANCE \$ 250,000.00
REPORTING STRUCTURE 35405909	SERVICE LOCATION 96190	

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, Santa Barbara County Fire Department, hereinafter referred to as “GRANTEE”.
2. The STATE hereby grants to GRANTEE a sum (hereinafter referred to as “GRANT FUNDS”) not to exceed Two Hundred Fifty Thousand Dollars (**\$250,000.00**).
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.

III. GENERAL PROVISIONS

1. Definitions

- a. The term "Agreement" means grant agreement number 5GG21155.
- 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: Santa Barbara County Fire Department
Section/Unit: SBC – Santa Barbara	Section/Unit: N/A
Attention: Jason Sweet	Attention: Fred Tan
Mailing Address: 4410 cathedral Oaks Road Santa Barbara, CA 93110	Mailing Address: 4410 Cathedral Oaks Road Santa Barbara, CA 93110
Phone Number: (805) 896-6350	Phone Number: (805) 705-6430 Secondary: (805) 681-5500
Email Address: jason.sweet@sbcfire.com	Email Address: Fred.Tan@sbcfire.com

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.

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Santa Barbara County Fire Department
SBC 2022 Fuel Reduction Equipment Project

- 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 latter date of signature by the Grantee Authorized Representative or CAL FIRE Deputy Director. 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. 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,

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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 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.

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- h. GRANTEE shall submit each invoice for payment electronically to both the appropriate CAL FIRE Project Representative as identified in Item 2 and Southern Region Email Address (SouthernRegionGrants@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.
 - 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.

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 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.
- 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 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.

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.

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

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Santa Barbara County Fire Department
SBC 2022 Fuel Reduction Equipment Project

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.

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 #: 21-FP-SBC-0170

Project Name/Title: SBC 2022 Fuel Reduction Equipment Project

County: Santa Barbara



CAL FIRE Unit/Contract County: SBC - Santa Barbara 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: County If Other, please specify:

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

3. Sponsoring Organization: CA-SBC Santa Barbara County Fire Department

Project Manager Title: Deputy Fire Marshal

First Name: Fred

Last Name: Tan

Address Line 1: 4410 Cathedral Oaks Road

Address Line 2:

City: Santa Barbara

State: California



Zip Code: 93110

Phone Number: (805) 705-6430

Secondary Phone Number: (805) 681-5500

Email Address: Fred.Tan@sbcfire.com

Fax Number: (805) 681-5563

Tracking #: 21-FP-SBC-0170

Project Name: SBC 2022 Fuel Reduction Equipment Project

4. For which primary activity is funding being requested? Hazardous Fuels Reduction

5. Project Completion Date: 01/01/2023

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: 25

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 #: 21-FP-SBC-0170

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Project Name: SBC 2022 Fuel Reduction Equipment Project

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)	112,738.00	100,000.00	791,934.00
Treatment Influence Zone (TIZ)	0.00	0.00	10,659.00

Tracking #: 21-FP-SBC-0170

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Project Name: SBC 2022 Fuel Reduction Equipment Project

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 (\$)	250,000.00

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"):

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.

N/A

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 checked="" type="checkbox"/> Application Form (.pdf)	21-FP-UUU-XXXX-Application.pdf
<input checked="" type="checkbox"/> Scope of Work (.doc)	21-FP-UUU-XXXX-SOW.doc
<input checked="" type="checkbox"/> Project Budget (.xls)	21-FP-UUU-XXXX-Budget.xls
<input checked="" 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 checked="" type="checkbox"/> Mapping	Create a Geo Point & Polygon web link

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

Original Signature Required: Grantee's Authorized Representative

Date Signed

Rob Hazard

Printed Name

Fire Marshal

Title

Executed on: 02/08/2022
Date

at Santa Barbara
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-SBC-0170

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Project Name: SBC 2022 Fuel Reduction Equipment Project



California Department of Forestry and Fire Protection
(CAL FIRE) California Climate Investments
Fire Prevention Grants Program
Project Scope of Work



Project Name: 2022 SBC Fuel Reduction Equipment

Project Tracking Number: 21-FP-SBC-0170

Project Description Summary: Please provide a paragraph summarizing proposed project including the location, habitable structures, acres treated, etc. (Please type in blank space below. Please note there is no space limitations).

This project is to acquire funding to allow the Santa Barbara County Fire Department (SBCFD) to purchase the following equipment to support the department's fuel reduction projects and new fuels crew module:

1. One Tracked Forestry Mulcher (Masticator)

The Santa Barbara County Fire Department is a Contract County that protects 791,934 acres of SRA, the second most acres of the six contract counties. This equipment will be utilized throughout Santa Barbara County in our effort to complete ongoing fuel reduction work on current and new fuel reduction projects as identified in the Santa Barbara County Unit Fire Plan. Santa Barbara County Fire has 30 fuel reduction and VMP projects either planned, in current implementation or requiring maintenance, totaling 10,658.6 acres, including 283 miles of roadside treatments. This equipment will be used by our Construction Section operators (dozer operators) in conjunction with the SBC Fuels Crew and our two Fire Crews. Acres treated annually will vary widely due to weather conditions and the length and severity of our annual fire season.

A. Scope of Work

This item is broken into project specific criteria depending on the type of project being proposed: Wildfire Prevention Planning, Wildfire Prevention Education or Hazardous Fuels Reduction. Please **answer one section of questions** that pertain to the primary activity type for your project.

Section 1: Hazardous Fuels Reduction

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.

The geographic scope of this project is the 791,934 acres of SRA that the Santa Barbara County Fire Department protects as a contract county. There are roughly 159,000 homes in Santa Barbara County jurisdiction. The majority of these homes and areas of Santa Barbara County will benefit from the use of this tracked mulcher. In recent years, large wildfires have affected all areas of the county. The Fire

Department's fuel reduction projects include roadside maintenance, fuel breaks, and prescribed fire. The Fire Department has 283 miles of roadside and fire road maintenance, and 10,658.6 acres of overall treatments identified in the Unit Fire Plan. These treatments benefit the rural communities of Tepusquet, Santa Ynez, Los Alamos, the Gaviota coast as well as the WUI areas of Orcutt, Mission Hills, Vandenberg Village, Buellton, Goleta, Mission Canyon, Santa Barbara, Montecito, Summerland and Carpinteria.

2. Describe the goals, objectives, and expected outcomes of the project.

The first goal of this project is to create and maintain more fuel reduction acres than would be possible with only our current personnel and equipment. An operator driven tracked mulcher is a powerful piece of equipment. One tracked mulcher can out-perform hand crew efforts. A tracked mulcher is more powerful, more efficient, and can cut through more vegetation than multiple hand crews. A tracked mulcher can average up to 5 acres treated vegetation per day compared to about $\frac{1}{4}$ to $\frac{1}{2}$ acre per day for a 20-person hand crew. The only advantage a hand crew has over a tracked mulcher is maneuverability in certain types of topography.

The second goal and a natural outcome of higher efficiency is increased cost effectiveness while conducting fuel treatments.

The third and most important goal in using this equipment is to increase the safety of personnel conducting fuel reduction projects in our county. Use of a tracked mulcher will reduce injuries and exposure to poison oak and other health risk involved with this kind of work. A reduction in injuries will leave the Hand crew and other resources available for emergency response if necessary.

Objectives to accomplish the above goals are:

- a. Create and maintain more fuel treatment acres annually which will result in the following:
 - i. Maintain or improve defensible space for communities in the event of a wildland fire
 - ii. Maintain reduction of fuel loading of volatile fuels
 - iii. Improve access and egress routes in the event of a large wildland fire
 - iv. Create fuel breaks and areas of opportunity for firefighters to reduce the size of a resultant fire
 - v. Improve safe separation for firefighters between homes in the communities and oncoming wildland fires

- b. Reduce costs associated with fuel treatments compared to use of manual labor methods.
- c. Reduce personnel injuries when completing comparable acreage to hand crews.

Expected outcomes include:

- a. Project equipment will augment the work of our hand crew personnel in the more efficient creation and maintenance of our existing fuel treatments, community defensible space and roadside clearance, resulting in more fuel reduction work being accomplished on an annual basis.
 - b. Personnel safety will be enhanced resulting in a reduction of injuries associated with fuel reduction activities. This will result in less personal suffering, less cost to the department in workman's compensation and personnel time off from work and a saving of tax dollars.
 - c. Use of this new equipment will enhance the protection of lives, property and natural resources from wildland fire, as well as improve environmental resilience to wildland fire.
 - d. Use of mulching as a fuel reduction process reduces greenhouse gasses when compared to prescribed fire and wildland fire.
3. Provide a clear rationale for how the proposed project will reduce the risks associated with wildfire to habitable structures.

The proposed project will reduce the risks associated with wildfire to habitable structures in the WUI by reducing fuel throughout the entire county. Santa Barbara County is prone to large wildland fires. Notable fires include the Painted Cave, Zaca, White, Alamo, Thomas, Gap, Jesusita, Tea, Sherpa, Whittier and the Alisal. The risks associated with wildfire to habitable structures in the WUI will be reduced because fuel reduction projects where this equipment will be used will be created and maintained in a more efficient manner. More acres per year will be treated. The strategically located fuel reduction projects will reduce the intensity of future wildfire impacting many areas. Reduced fire intensity will lower ember production adjacent to structures and protect critical power and water infrastructure.

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.

Additional assets at risk to wildfire that will benefit from the use of this equipment include Southern California Edison and PG&E transmission lines, remote communications transmission sites (microwave and cell towers), the rural communities listed above in item #1 and various infrastructure that is threatened by

extensive fuel beds. Various municipal water districts also have reservoirs, structures and other assets which have been impacted by large wildfires. Significant watershed value of the various county areas will also benefit by reducing potential wildfire severity. The water district resources provided by those watersheds will also benefit from the treatments that result from the increased capacity and ability to conduct work with the requested tracked mulcher.

5. 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?

Tracked mulching equipment is designed to shred the treated vegetation which will be left in an evenly-distributed layer of mulch spread over the treated area. Most areas immediately re-sprout and this young vegetation continues to grow and sequester carbon. A biomass facility will not be utilized in conjunction with this equipment.

Section 2: Wildfire Prevention Planning

- ~~1. Describe the geographic scope of the project, including the communities that will benefit, and an estimate of the number of structures within the project area.~~
- ~~2. Describe how the project will assess the risks to residents, structures and prioritize projects to reduce this risk over time.~~
- ~~3. Does the proposed plan add or build upon previous wildfire prevention planning efforts in the general project area?~~
- ~~4. Identify a diverse group of key stakeholders, including local, state, and federal officials where appropriate, to collaborate with during the planning process. Discuss how the project proponent plans to engage with these targeted stakeholders.~~
- ~~5. Describe the pathways for community involvement that will be incorporated in the planning process.~~

Section 3: Wildfire Prevention Education

- ~~1. Describe the specific message of the education program and how it relates to reducing the risk of wildfire to owners of structures.~~
- ~~2. Describe the target audience of the education program and how information will be distributed to this audience.~~
- ~~3. Will the education program raise the awareness of homeowner responsibilities of living in a fire prone environment?~~

- ~~4. Identify specific actions being advocated in the education material that is expected to increase the preparedness of residents and structures for wildfire.~~
- ~~5. Describe the expected outcome of the education in terms of increased or changed public awareness about wildfire.~~

Answer only 1 set of questions from above, depending on your project: Hazardous Fuels Reduction, Wildfire Prevention Planning or Wildfire Prevention Education. (Please type in blank space below. Please note there is no space limitations).

B. Degree of Risk

1. Discuss the location of the project in relation to areas of moderate, high, or very high fire hazard severity zone 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

All of the locations of the Fire Department's fuel reduction activities are located in high or very high fire hazard severity zones. SRA acres in Santa Barbara County include 42,067 acres of Moderate Severity, 396,756 acres of High Severity and 285,533 acres of Very High Severity. There are twenty-five communities in Santa Barbara County that are on the "Communities at Risk List" at stated in our Unit Fire Plan. The fuel reduction projects that are implemented and maintained by the tracked mulcher requested in this grant will benefit communities in the high, or very high fire hazard severity zone as identified by the latest Fire and Resource Assessment Program maps.

2. Describe the geographic proximity of the project to structures at risk to damage from wildfire. (Please type in blank space below. Please note there is no space limitations).

Existing and future project sites are located throughout the County. All of the project locations are within or adjacent to WUI communities with the vast majority being in SRA jurisdiction. There are roughly 159,000 homes in Santa Barbara County, with most of those being in or adjacent to SRA jurisdiction. The majority of these homes and areas of Santa Barbara County have been establish as high risks according to local CWPP's and the Unit Fire Plan.

C. 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?

The estimated cost of a tracked mulcher is approximately \$331,000. A tracked mulcher is considered extremely important to completing additional fuel treatment acres annually. Therefore, SBCFD will provide \$82,750 or 25% matching funds for this much needed equipment. Additional in-kind costs associated with this equipment include the personnel cost to operate it, ongoing fuel use, supplies and maintenance, storage and transport.

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.

All fuel reduction projects where this equipment will be used are CEQA compliant and documented in the Unit Fire Plan and local CWPP's, which are available to the public on-line. For individual fuel reduction projects, road signage, door-to-door explanations, community meetings, news releases, and various social media outlets such as Twitter are all used to document fuel reduction activities.

3. Describe any plans to maintain the project after the grant period has ended.

This equipment will be included with SBCFD's heavy equipment inventory. This inventory is subject to ongoing evaluation and maintenance programs. It is expected that the lifespan of this heavy-duty, industrial equipment will provide 10 to 12 years of fuel reduction service.

4. Does the proposed project work with other organizations or agencies to address fire hazard reduction at the landscape level?
(Please type in blank space below. Please note there is no space limitations).

Although this type of equipment is not utilized at the landscape level of fuel reduction, projects it will be used on are immediately adjacent to WUI neighborhoods. In addition, this equipment will be used on strategic fire hazard abatement projects in cooperation with all fire agencies within the County as well as with local neighborhood associations and our local Fire Safe Council.

D. Project Implementation

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

This equipment will be utilized year-round, but will be most heavily used outside of the peak fire season which is typically from mid-June through the end of October.

SBCFD operators will assist ongoing fuel treatments year-around when not responding to wildland emergencies and when weather conditions allow.

2. Verify the expected time frames to complete the project will fall under the required completion dates depending on the source of the funds awarded.

This project, consisting of a single equipment purchase, should be completed within one year of receiving the award. The purchase process will begin immediately after award and acceptance of that award by the county Board of Supervisors. The fuel reduction projects throughout the County where this equipment will be deployed will continue indefinitely. This equipment will contribute to more timely creation and maintenance of strategic fuel treatments which will reduce the fire hazard throughout the county.

3. Using bullets, list the milestones that will be used to measure the progress of the project.

SBC must balance the maintenance of existing fuel breaks along with the completion of new fuel reduction projects. The milestones used to measure progress for this tracked mulcher include the following:

- Scheduled completion of existing fuel break maintenance
 - Our approximately 30 existing fuel treatment projects are divided down into periodic maintenance. This maintenance work has been a secondary priority to the creation of new project work which has resulted in delayed and inconsistent completion of maintained fuel breaks. A tracked mulcher will speed up this ongoing process, allowing for a more efficient maintenance program
- Scheduled completion of new projects that have been planned and approved (IE: Tepusquet VMP – 2815 acres)
- Scheduled completion of future projects that will be developed in upcoming years

4. Using bullets, list the measurable outcomes (i.e., project deliverables) that will be used to measure the project's success.

All fuel reduction projects are documented in the County CWPP and Unit Fire Plan. Progress will be measured by field evaluation and documentation of treatment areas as each fuel treatment activity is completed. This will be the case for both fuel reduction project maintenance and new projects. Project deliverables will be as follows:

- All treatment areas will be mapped in ArcMap
- All areas will be validated in the field with GPS

- All areas will be photographed both before and after treatment activity
- All treatment activity will be entered into CalMapper by the SBC Pre-Fire Engineer.

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

This tracked mulcher will be used on maintenance treatment projects that are VMP projects or are already compliant with CEQA. Any new fuel reduction project will address the requirements of CEQA in the project planning and approval process prior to the use of this piece of equipment.

6. 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 wildfire prevention proposed activity?
(Please type in blank space below. Please note there is no space limitations).

There are no current zoning matters or use restrictions that will limit the use of the requested equipment. All possible future restrictions will be considered and mitigated or avoided prior to equipment use.

E. 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.

To date, the SBCFD Construction Section (heavy equipment operations) has some experience with tracked mulchers and has rented the specified Fecon FTX 150 on our current fuel reduction project in the Lompoc valley. Our Construction Section utilizes bulldozers as their primary function and the requested tracked mulcher is similar in operation to a bulldozer. In addition, our Construction Section currently owns, maintains and uses a boom mounted masticator in the implementation and maintenance of fuel reduction projects. SBCFD is highly aware of the applicability and capabilities of this piece of equipment and its use is critical for the efficient completion of fuel reduction and DSP projects. This equipment will be used in cooperation with other fire agencies, neighborhood associations and the Fire Safe Council along with Rx burn prep throughout the county of Santa Barbara.

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. (Please type in blank space below. Please note there is no space limitations).

Detailed records of all activities involving the use of this tracked mulcher on fuel reduction projects will be created and maintained by the SBC Construction Section Supervisor and the SBCFD Finance Section. Full responsibility for creating and maintaining a full audit trail resides with the department's Finance Manager. SBCFD must obtain approval from the Santa Barbara County Board of Supervisors for the receipt and use of project funds prior to purchase. All project activities using this equipment will be documented in the CalMapper database.

F. 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. (Please type in blank space below. Please note there is no space limitations).

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.

This new track mounted mulcher will be used by SBC Construction Section operators while creating new fuel reduction treatments as well as conducting ongoing fuel break maintenance, annual roadside clearance where feasible and community DSP clearing. With the expectation that project maintenance has become an ongoing process, SBC has established 5-year budget plans that are renewed each year and which evaluate the need for replacement of large cost fuel reduction equipment along with all of our other rolling stock. This tracked mulcher will be maintained and replaced as needed through the annual department budget process.

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.

Costs associated with the completion of fuel treatments are always high, but this expensive piece of equipment is considered reasonable given the amount and type

of work that it can accomplish compared to utilizing hand crews and/or field contractors. The stated goal of this project (to complete more fuel treatment acres annually) is considered to be of the highest importance by the Santa Barbara County Unit Fire Plan, the California Strategic Fire Plan and the California Wildfire and Forest Resilience Action Plan. This equipment will be used to maintain fuel reduction projects which are commonly measured on a per-acre basis. The per-acre cost to the grant for the acres treated with this equipment is expected to be significantly lower than all other types of available debris removal and transport or destruction (burn piles). The use of a tracked mulcher is much more efficient and environmentally friendly than any other means of disposal. As stated earlier, in most cases, mulched vegetative material will be arranged in an evenly-distributed layer over the treated area. There are no costs identified as being higher than normal.

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

The total cost of the tracked mulcher is extremely appropriate when the history of large fires in the county is considered. When purchased, the tracked mulcher will augment the capabilities of our Fuels Crew and Fire Crews. When considering the large number and acreage of our in-county fuel treatment projects, and given the increase in efficiency and personnel safety while using this equipment, the total project costs should be considered appropriate.

4. Using bullets please list each object category amount that you are requesting and the detail of how that would support meeting the grant objectives.

Budget Categories A thru E – Within these categories, there are no costs associated with this project.

Budget Category F – Equipment

- One Tracked Mulcher (Masticator)

Manufacturer and model specified based upon best research practices:

FECOM FTX150-2 Tracked Forestry Mulcher

Estimated price: \$331,000 (price + tax)

SBCFD respectfully request \$250,000 towards the purchase of this equipment. SBCFD will provide matching funds to complete the purchase. This is estimated to be approximately \$81,000 based upon recent estimates.

NOTE: The established budget sheet submitted with this request only allows whole percentages within the given fields. For that reason, the

budget document reflects a grant amount of \$250,000 (75.5286%) and \$82,750 (25%) cost share, whereas SBCFD is requesting the total \$250,000 as allowed by the FY21-22 Procedural Guide.

This equipment will provide an efficient, cost effective means of disposing of brush and debris that is cleared from old existing fuel breaks which is required to maintain their effectiveness. This means of debris disposal will be safer, more cost efficient and environmentally friendly than any other type of disposal. Within our county, there are many locations involving thousands of acres of roadside clearing, community defensible space and portions of line construction for burn plots where use of a tracked mulcher is the safest and most efficient means of conducting fuel treatment operations in off-road locations.

Budget Category G – There are no “Other Costs” associated with this project.

There are no “Indirect Costs” associated with this project.

G. 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. (Please type in blank space below. Please note there is no space limitations).

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

The fuel reduction activities completed by the equipment purchased under this grant will promote age-class diversity and forest resilience. The low-intensity prescribed fire facilitated through the use of this tracked mulcher can be a positive force in improving forest health and biodiversity and forested communities' safety. The activities will result in smaller, less destructive fires thereby protecting the surrounding wildlife, watersheds and the environment. As a result, carbon sequestration in certain areas will benefit as the potential for large fires, in an area prone to large fires, is ultimately reduced as the treatments are completed and maintained.

The reduction of Greenhouse Gas emissions has already begun and will increase as fuel reduction projects are completed and successfully reduce the number, size, and severity of wildfires. Multiple smaller fires have occurred in our county where fuel reduction treatments and defensible space have assisted in reducing the size and intensity of fires that had significant potential. Creation of new fuel treatments and

ongoing maintenance of existing fuel breaks using this equipment is critical in our mission to continue and expand the benefit of keeping wildland fires small.

Tracking #: 21-FP-SBC-0170

Project Budget

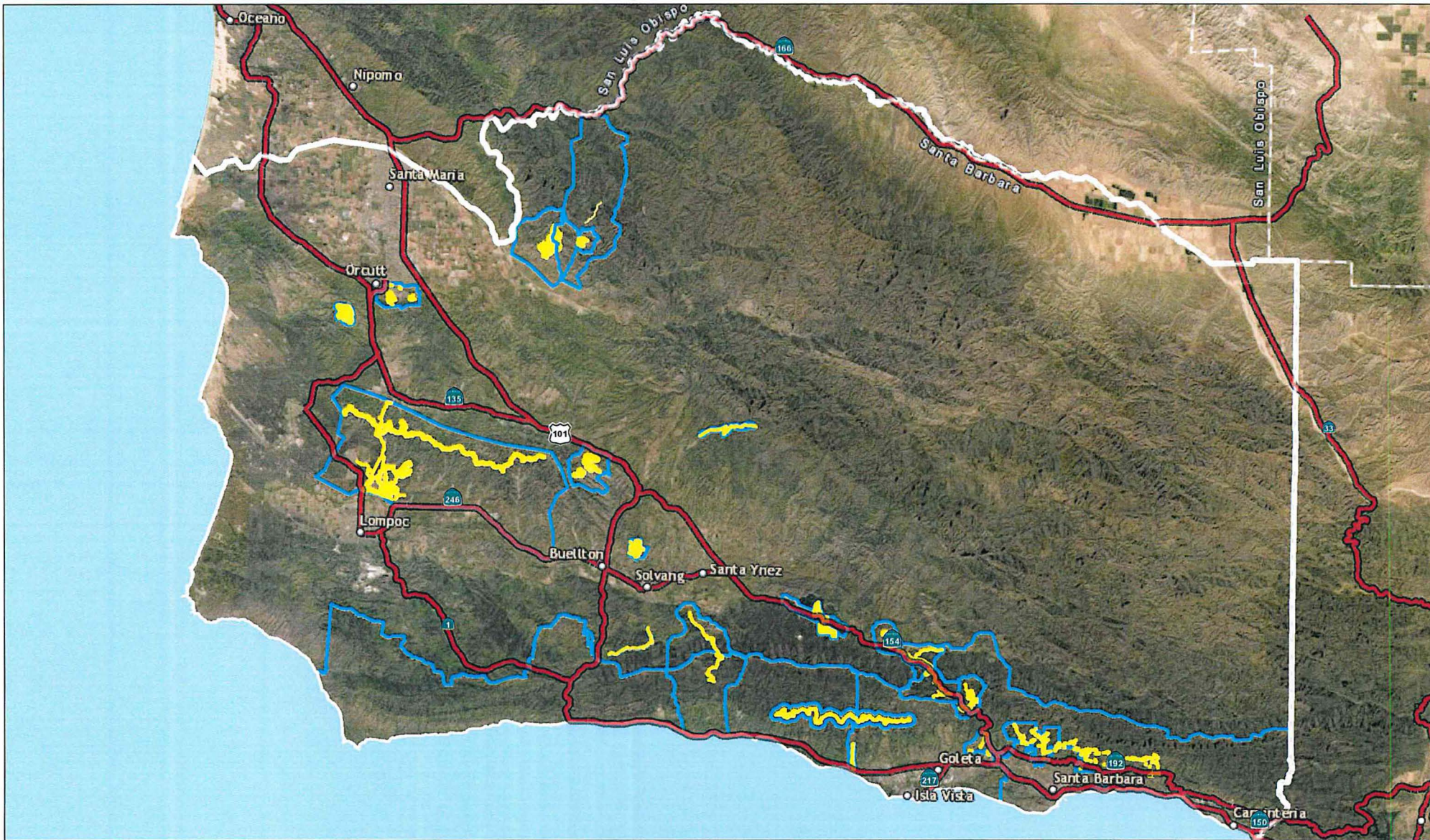
Project Name: 2022 SBC Fuel Reduction Equipment

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											
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
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B. Employee Benefits											
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	Sub-Total Employee Benefits:							\$ -	\$ -	\$ -	\$ -
C. Contractual											
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		0	Miles	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Contractual:							\$ -	\$ -	\$ -	\$ -
D. Travel & Per Diem:											
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		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Travel & Per Diem:							\$ -	\$ -	\$ -	\$ -
E. Supplies											
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	Sub-Total Supplies:							\$ -	\$ -	\$ -	\$ -
F. Equipment											
	Maticator - FECON FTX150-2	1	Each	\$ 331,000	76%	25%	0%	\$ 250,000	\$ 82,750	\$ -	\$ 332,750
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	Sub-Total Equipment:							\$ 250,000	\$ 82,750	\$ -	\$ 332,750
G. Other Costs											
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		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Other Costs							\$ -	\$ -	\$ -	\$ -
Total Direct Costs								\$ 250,000	\$ 82,750	\$ -	\$ 332,750
Indirect Costs (Exclude Equipment)							0%	\$ -		\$ -	
Total Project Costs								\$ 250,000	\$ 82,750	\$ -	\$ 332,750
Less Program Income							\$ -		\$ -		
Total Grant Proposed Costs								\$ 250,000	\$ 82,750	\$ -	\$ 332,750





Santa Barbara County Fire Department

21-FP-SBC-0170 - SBC 2022 Fuel Reduction Equipment Project



Legend

-  Fuel Treatments
-  Project Boundary

Date Last Updated: 1/24/2022
SBC FIRE GIS

