

**DEPARTMENT OF FORESTRY AND FIRE PROTECTION**

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



April 18, 2022

Jon Swae
San Francisco Public Works
2323 Cesar Chavez Street
San Francisco, CA 94124

8GA21415: San Francisco Public Works, "Growing Green Jobs: San Francisco Street Tree Nursery"

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 Julia Gowin at 916-201-8942 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 Kevin Haran at kevin.haran@fire.ca.gov no later than **May 2, 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/UCF Grants
P.O. Box 944246
Sacramento, CA 94244-2460

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

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

Thank you,

Kevin Haran
Grants Analyst
Grants Management Unit

CC: Larissa Frees
Walter Passmore
Julia Gowin
Colin Highlands

Enclosures

**State of California
Department of Forestry and Fire Protection (CAL FIRE)
Resource Management
GRANT AGREEMENT**

APPLICANT: San Francisco Public Works
PROJECT TITLE: Growing Green Jobs: San Francisco Street Tree Nursery
GRANT AGREEMENT: 8GA21415

PROJECT PERFORMANCE PERIOD is from Date Upon Approval through March 30, 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 to the total state grant amount indicated.

PROJECT DESCRIPTION: San Francisco Public Works plans to hire 20 residents from DACs and provide training in urban forestry practices. Provide urgently needed green space, trees (20 on-site plantings) and environmental benefits. Grow 300 nursery trees to support species diversity. Plant 55 street trees in two of SF's most canopy poor neighborhoods.

Total State Grant not to exceed \$ 1,193,594.00 (or project costs, whichever is less).

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

San Francisco Public Works

**STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY
AND FIRE PROTECTION**

Applicant

By _____
 Signature of Authorized Representative

Title _____

Date _____

By _____

Title: Matthew Reischman
 Deputy Director, Resource Management

Date _____

CERTIFICATION OF FUNDING

GRANT AGREEMENT NUMBER 8GA21415	PO ID 0000398259	SUPPLIER ID 0000007690
FUND 0001	FUND NAME General Fund	
PROJECT ID N/A	ACTIVITY ID	AMOUNT OF ESTIMATE FUNDING \$ 1,193,594.00
GL UNIT 3540	BUD REF 0016	ADJ. INCREASING ENCUMBRANCE \$ 0.00
PROGRAM NUMBER 2470010	ENY 2021	ADJ. DECREASING ENCUMBRANCE \$ 0.00
ACCOUNT 5340580	ALT ACCOUNT 5340580	UNENCUMBERED BALANCE \$ 0.00
REPORTING STRUCTURE 35409503	SERVICE LOCATION 96180	

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

Signature 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 San Francisco Public Works, 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 one hundred ninety-three thousand five hundred ninety-four dollars (**\$1,193,594.00**).
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 Department of Forestry and Fire Protection 2021/2022 Urban and Community Forestry Program Grant Guidelines
 - b. California Air Resources Board Greenhouse Gas Quantification Methodology for the Department of Forestry and Fire Protection (CAL FIRE) Urban and Community Forestry Program
 - c. The submitted Application, Scope of Work, Budget Detail, GHG Emissions Reduction Methodology and Exhibits

4. SPECIAL PROVISIONS

1. Recipients of GRANT FUNDS pursuant to California Public Resources Code Section 4799.06-4799.12 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 8GA21415.
- 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: San Francisco Public Works
Section/Unit: Urban and Community Forestry	Section/Unit: N/A
Attention: Julia Gowin	Attention: Jon Swae
Mailing Address: P.O. Box 944246 Sacramento, CA 94244	Mailing Address: 2323 Cesar Chavez Street San Francisco, CA 94124
Phone Number: (916) 201-8942	Phone Number: (415) 760-1125
Email Address: Julia.gowin@fire.ca.gov	Email Address: jon.swae@sfdpw.org

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 one (1) year from start date of the Agreement. The start date is considered the date the last party signs the Agreement. GRANT FUNDS will be made available in advance of CEQA compliance for project activities that do not have the potential to cause a direct environmental impact (e.g. project planning, locating and

marking property or project boundaries, contacting and signing up landowners, etc.).

- f. GRANTEE shall permit periodic site visits by representative(s) of the STATE to ensure program compliance and that work is in accordance with the approved Project Scope of Work, including a final inspection upon Project completion.
- g. GRANTEE, and the agents and employees of GRANTEE, in the performance of this Agreement, shall act in an independent capacity and not as officers, employees, or agents, of the STATE. No person who, as an officer, employee, or agent of the state participated in the preparation or creation of or determination to award this Grant Agreement shall serve as an agent or employee of GRANTEE including but not limited to those acts prohibited by Government Code Sections 1090, and 87100.

4. Project Costs and Payment Documentation

- a. Payment by the STATE shall be made after receipt of an acceptable invoice and approval by a duly authorized representative of the STATE. GRANTEE shall submit an invoice for payment to the CAL FIRE Project Representative of the STATE. A final invoice shall be submitted no later than 30 days after completion, expiration, or termination of this Agreement.
- b. For services satisfactorily rendered, and upon receipt and approval of invoices for payment, the STATE agrees to compensate GRANTEE for actual expenditures incurred in accordance with the rates specified herein, which is attached hereto, as Final Project Budget, 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

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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 Department of Forestry and Fire Protection 2021/2022 Urban and Community Forestry Program Grant Guidelines.

- e. GRANT FUNDS in this Agreement have a limited period in which they must be expended. All GRANTEE expenditures must occur prior to the end of the Project performance period of this Agreement.
- f. Except as otherwise provided herein, GRANTEE shall expend GRANT FUNDS in the manner described in the Project Budget Detail approved by the STATE. The dollar amount of an item in the Project Budget Detail may be increased or decreased by up to ten percent (10%) of the budget item through reallocation of funds from another item or items, without approval by the STATE; however, GRANTEE shall notify the STATE in writing in project progress reports when any such reallocation is made, and shall identify both the item(s) being increased and those being decreased. Any increase or decrease of an item of more than ten percent (10%) of the budget item must be approved in writing by the STATE before any such increase or decrease is made. A formal approved amendment is required to increase the total amount of GRANT FUNDS.
- g. GRANTEE shall promptly submit any and all records at the time and in the form as the STATE may request.
- h. GRANTEE shall submit each invoice for payment electronically to the CAL FIRE Representative identified in Item 2. 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 that is located in or providing service to disadvantaged or low-income communities. Advance payment made by the STATE shall be subject to the circumstance and provisions below.

Where hardship circumstances exist for the GRANTEE, the STATE will consider authorizing advance payments. The STATE will consider the following factors in determining whether a hardship situation exists:

- Modest reserves and potential cash flow problems of the GRANTEE including the need for advance funding in order to initiate a project. A justification for advance payment may include

items such as the inability to pay for staff, supplies, administration expenses, and to secure contractors for Project work.

The following guidelines will be applied to advance payments:

- 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 the advanced funds to the STATE. The amount will be returned to the grant balance.
- A request for advance payment must include the same level of expenditure detail and justification as a regular invoice.
- 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.
- Advance payments must be deposited into an interest-bearing account. Any interest earned on advance payment funds must be accounted for and reported as program income 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 Urban and Community Forestry 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:

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- 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

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.



2021/2022 Urban & Community Forestry Grants: Project Application Form

Fill out this form completely. Please note your Project Tracking Number and see the submittal instructions in your project application invitation letter. Failure to follow the instructions may disqualify a project application.

CAL FIRE Project Tracking Number:

Name of Organization

Project Title

Project Type

Requested Grant \$ Matching \$ Total Project \$

Primary Source of Technical Advice Explanation (if required):

Professional's First Name Professional's Last Name

1. Applicant information - Eligible applicants include cities, counties, qualifying districts, or nonprofit organizations qualified under section 501(c)(3) of the Internal Revenue Code.

Type of Organization

1A. Primary Project Contact information

First Name Last Name

Email Phone Number

Address 1

Address 2

City County

State Zip Code

1B. Secondary Project Contact information

First Name Last Name

Email Phone Number

Address 1

Address 2

City County

State Zip Code

1C. Correspondence Details: List any information needed for project contacts, invoicing, etc.

2. Partner information - List primary project partners or co-sponsors. Applicants must provide a letter of commitment from each partner organization that affirms their role in the project.

2A. Name of Organization 1 California Department of Transportation (Caltrans)

First Name Jeanne Last Name Gorham

Partner Contact Title District Landscape Architect (Bay Area)

Email jeanne.gorham@dot.ca.gov Phone Number (510) 715-6500

Comments Contact is managing Funding and Leasing Agreement with San Francisco Public Works.

2B. Name of Organization 2 San Francisco Clean City

First Name Gia Last Name Grant

Partner Contact Title Executive Director

Email gia@sfcleancity.com Phone Number (415) 724-1523

Comments Contact is partnering to manage Street Tree Nursery Workforce Development Program.

2C. Additional Partners: list additional partner organizations with contact person, email address, and phone number.

- * South of Market Community Advisory Committee: Jane Weil, jane@janeweil.com
- * Yerba Buena Community Benefit District: Constance Cavallas, ccavallas@ybcabd.org
- * Our City Forest: Gabby Fitz, Community Nursery Manager, gabbyf@ourcityforest.org, (336) 529-2991

3. Start of Grant Period: provide the estimated start of the grant project. The grant period will end on March 30, 2025. Final billing must be received within 30 days after the completion date.

Planned Project Start Date Mar 1, 2022

4A. AB 1550 - Disadvantaged and Low Income Communities. Check the boxes for AB 1550 criteria that the project will meet. At least one box in each step must be checked to qualify. Visit <https://ww2.arb.ca.gov/resources/documents/ci-quantification-benefits-and-reporting-materials> to find the criteria tables for this grant program.

Step 1, Priority Populations: meets "1A" meets "1B" meets "1C" meets "1D"

Step 2, Address Needs: meets "2A" meets "2B" meets "2C" meets "2D"

Step 3, Provide Benefits: meets "3A" meets "3B" meets "3C" meets "3D" meets "3E"

Provide any necessary discussion:

Please see attachments: Project Area Map (CCI Priority Populations & AB 1550 Information) and Project Census Tracts -AB1550 Compliant

4B. Census tracts: list census tracts for the project that will meet AB 1550 criteria from the *Grant Guidelines*. Census tracts should be listed using the 10 digit number found for each tract on the map(s) at <https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm>

Street Tree Planting Areas: 6075980600, 6075061200, 6075017802, 6075017801, 6075023103, 6075023400, 6075023300, 6075023200, 6075023102, 6075017601 / Workforce Recruitment and Hiring Areas: 6075980600,6075980501,6075012502,6075012301,6075061200, 6075025702,6075025701,6075017802,6075017801,6075023103,6075060502,6075026404,6075026403,6075026401,6075026302,6075026402,6075026003, 6075026301,6075026004,6075026001,6075025900,6075025800,6075025600,6075026002, 6075023400, 6075023300, 6075023200,6075023200,6075023102,6075022903,6075022802,6075022901,6075020900,6075020800,6075020200,6075017700...

5. GHG Methodology: Fill in the GHG calculated amounts below if applicable. Describe the assumptions used to quantify GHG reductions using the ARB Quantification Methodology as required in the grant guidelines and found at: <https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/quantification.htm>. You are required to attach proof that the ARB specified quantification methodology was followed when claiming GHG reductions.

5A. Estimated carbon stored (MT CO₂e)

5B. Estimated avoided emissions (MT CO₂e)

5C. Estimated project emissions (MT CO₂e)

5D Net GHG benefit (MT CO₂e). (5A + 5B) - 5C =

GHG METHODOLOGY ASSUMPTIONS:

Our analysis assumed a 40-year life span for the 75 proposed planted trees. All trees were modeled in "full sun" since we will seek sunny locations that will offer the best chance of tree survival. At the time of this application, exact neighborhood planting locations are still being determined so we used the "southwest" orientation in the I-Tree Planting/ARB Calculator Tool which seemed to provide the best average summary of benefits for all orientations. The I-Tree Planting tool did not contain two species proposed for planting - Quercus tomentella - Island oak and Ulmus propinqua 'Emerald sunshine'. In these cases, we used I-Tree Planting's Oak-Quercus species and Ulmus parvifolia - Chinese Elm as reasonable proxies to calculate benefits. In San Francisco, few buildings are equipped with air conditioning due to the mild climate. Benefits were modeled using "heat only" climate controls and buildings built prior to 1950 since the majority of San Francisco streets contain an older building stock. Per the ARB Benefits Calculator User Guide, we use the recommended Electricity Emissions Factor (227.9 kgCO₂e/MWh and Fuel Emissions Factor 53.1 kgCO₂e/MMBtu.

6. Narrative. In the sections below, please follow the prompts and provide all relevant information for the project.

6A. Background. Describe the situation in the project area(s) and problems in the project area(s) that need attention.

San Francisco Public Works' Bureau of Urban Forestry seeks to significantly increase the number of street trees planted annually in San Francisco consistent with the City's Urban Forest Plan. To achieve this, a larger skilled urban forestry workforce will be required to support tree growing, planting and maintenance. San Francisco's Disadvantaged Communities (DACs) and Low-Income Communities (LICs) including the South of Market, Tenderloin, Mission, Excelsior and Bayview neighborhoods struggle with higher-than-average unemployment. Many residents here face barriers to employment including the unhoused, formerly unhoused, formerly incarcerated, and other low-income populations. Since various urban forestry jobs have low barriers to entry, basic landscape and arboriculture training programs can create accessible career pathways for those shut out of traditional employment. Managed by San Francisco Public Works and San Francisco Clean City, two organizations with strong histories of delivering workforce training programs, the Growing Green Jobs: San Francisco Street Tree Nursery project will hire and train participants from DAC and LIC areas on developing the skills to enter stable employment and careers in urban forestry. The training will be centered around San Francisco Public Works' future Street Tree Nursery. The nursery, recently funded and developed in collaboration with Caltrans, will be constructed on a 14,000 square foot vacant freeway parcel in the South of Market neighborhood. The project addresses San Francisco Public Works' immediate need for more space to grow and assemble trees for increased tree planting. The nursery also responds to local community needs for more tree canopy and green space to address the air pollution and environmental justice impacts of the nearby freeway and heavy vehicle traffic. In addition to growing 300 nursery trees, the proposed grant project will plant 75 trees in the canopy-poor South of Market and Bayview DACs as part of workforce training. The project leverages \$1.5M in Caltrans Clean California grant funds for Street Tree Nursery construction.

6B. Project Objectives - What are the objectives of the proposed project? How do they address the situations and problems identified in the background section?

>CREATE A SKILLED URBAN FORESTRY WORKFORCE & CAREER PATHWAYS FOR THOSE FACING BARRIERS TO EMPLOYMENT

- Recruit, hire and train 20 residents from San Francisco DACs and 4 gardener apprentices to develop the skills needed to overcome barriers to employment and establish careers in urban forestry.
- Provide comprehensive training and education in urban forestry best practices, standards of care, and safety from certified San Francisco Public Works Arborists and Landscape staff.
- Employ four full-time staff positions including: 1.) Nursery Manager (SF Public Works) who will direct nursery operations and workforce program project priorities, 2.) Workforce Trainee Crew Supervisor (SF Clean City) who will manage the daily supervision of workforce trainees, coordinating work projects with SF Public Works staff and assistance with workshop trainings, 3.) Employment Coordinator (SF Clean City) who will conduct employment readiness and job search activities to support successful transition of workforce participants into unsubsidized employment, and 4.) Nursery Volunteer Coordinator (SF Public Works) who will be responsible for organizing tree planting events and other activities to engage workforce participants and local community members.
- Support workforce participants in developing careers beyond the nursery by connecting them to employment and apprenticeship opportunities with Public Works, other public agencies, non-profit partners, and private tree/landscape maintenance companies.

>TRANSFORM A FREEWAY PARCEL INTO A WORKING STREET TREE NURSERY & MODEL OF CLIMATE STEWARDSHIP

- Catalyze expansion of San Francisco's urban forest by providing a space to grow and manage trees for increased street tree planting.
- Utilize \$1.5M in funding from a Caltrans Clean California grant to construct an active tree nursery, workforce training center and green community asset on a 14,000 square foot urban freeway parcel.
- Provide urgently needed green space, trees (20 on-site plantings) and environmental benefits to the freeway-burdened surrounding South of Market community - a climate, air pollution and environmental justice hotspot.
- Grow 300 nursery trees to support species diversity, resilience and future urban forestry expansion in San Francisco.
- Engage community members and local residents in urban forestry efforts to address climate change and achieve City and State climate protection targets.

>EXPAND THE URBAN FOREST IN LOW-INCOME & LOW-CANOPY NEIGHBORHOODS WITH A FOCUS ON DISADVANTAGED COMMUNITIES

- Plant 55 street trees in two of San Francisco's most canopy poor neighborhoods - the Bayview and South of Market (DACs).
- Scale up street tree planting in San Francisco through the growing of 300 nursery trees for future plantings in low-canopy neighborhoods to help achieve the goals of the City's Urban Forest Plan.

6C. Scope of Work - Describe the approach to be used, the design (methods), and implementation of the project. Include who will be involved with specific tasks and justify why the approach, methods and implementation is the most effective way to accomplish the objectives. Include a description of project sign contents and their locations. *(continued on next page)*

The Growing Green Jobs: San Francisco Street Tree Nursery project will be led by San Francisco Public Works (SF Public Works) in collaboration with non-profit workforce development partner San Francisco Clean City Coalition (SF Clean City) and the California Department of Transportation (Caltrans). This scope of work describes the main project components and responsible parties. The primary goal of the project is to establish a Street Tree Nursery and corresponding workforce development program to support career pathways for low and very low-income populations in the field of urban forestry. Given San Francisco's commitment to urban tree planting, SF Public Works seeks to develop further trained personnel in urban forestry to support the City's tree canopy expansion goals. If awarded, this CAL FIRE grant will help build a pathway for low-income residents to access green jobs and careers.

NURSERY SITE LEASE, DESIGN & CONSTRUCTION:

(See Attachments: Project Area Map: Street Tree Nursery Context & Site Detail, Street Tree Nursery Concept Plan & Site Renderings) Over the past year and a half, SF Public Works has been working with Caltrans to develop and refine a proposal to establish a Street Tree Nursery on Caltrans property. The proposed 14,000 square foot nursery site receives ample sunlight and contains utility connections which make it a desirable site for growing trees. The highly visible location (5th Street/I-80 interchange) is a primary entry and exit point to San Francisco with direct access to the San Francisco-Oakland Bay Bridge. The site has struggled with ongoing dumping, encampment and maintenance challenges. Creation of a nursery here will bring much needed green space and visual relief to the surrounding South of Market neighborhood which lacks trees and open space and is burdened by the freeway's air pollution and environmental justice impacts. On November 30, 2021 Caltrans approved a Clean California Local Grant Program request for funding from San Francisco Public Works to fund design and construction of the nursery.

- SF Public Works and Caltrans will develop an airspace lease and funding agreement to build out the necessary infrastructure.
- SF Public Works landscape architecture and urban forestry staff will further refine the nursery site design.
- Once detailed design drawings are complete, SF Public Works and contractors will be scheduled to install site improvements including a perimeter fence, driveways, vehicle access roads, ground surface preparation, irrigation and electrical and water service. An office trailer will be relocated to the site to serve as the nursery office and workforce development training center.
- SF Public Works will begin sourcing and moving trees and plant material to the site as well as pursuing community-supported placemaking improvements such as public art.
- SF Clean City workforce development staff will assist in final stages of nursery construction by planting twenty trees (20) and additional landscaping at the site as well assist with ongoing nursery maintenance and operations.

URBAN FORESTRY WORKFORCE DEVELOPMENT & JOB READINESS TRAINING:

SF Public Works is partnering with the non-profit organization SF Clean City to deliver a comprehensive workforce training program. The program will include transitional employment, urban forestry training, job readiness and placement support services to low-income individuals from San Francisco's Disadvantaged and Low-Income Communities (DACs & LICs) – see attachment: Project Area Map: CCI Priority Populations & AB 1550 Information. Recruitment areas include the South of Market, Tenderloin, Mission, Bayview, Visitacion Valley and Excelsior neighborhoods. SF Clean City has more than 15 years' experience providing comprehensive workforce programs for unhoused, formerly unhoused, formerly incarcerated, and other low-income populations. The organization has employed over 1,500 workforce participants, all of them performing paid work on beautification, greening and urban forestry related activities in San Francisco. SF Clean City is familiar and experienced with the barriers to employment workforce training participants face including little to no work history, lack of education, lack of vocational training, lack of familiarity with work environments and accepted work habits, lack of transportation, childcare issues, struggles with drug and alcohol addiction, and criminal records. Most workforce participants fall below 200% of the federal poverty line.

- The proposed workforce training program will include six months of paid employment in urban forestry training and nursery operations. Grant funding will allow for the hiring of twenty participant trainees over the grant period. Four participant trainees will be trained at a time for a period of up to six-months working approximately 32 hours per week for \$19.00 per hour.
- Participants will work at the Street Tree Nursery under the direction of the SF Public Works Nursery Manager and a SF Clean City Workforce Trainee Crew Supervisor on urban forestry training, nursery site development projects and neighborhood tree plantings. This work will be supported by a range of additional Public Works urban forestry staff in tree planting, tree watering and tree/landscape maintenance.
- As part of the workforce training program, SF Clean City and SF Public Works staff will conduct weekly, two-hour skills training workshops focused on urban forestry and landscaping. Proposed workshops include planting site preparation, planting and staking trees, irrigation basics, pest and disease management, tree and plant propagation, young tree pruning, landscape maintenance, composting/amending soil, benefits of trees and ecosystem services, among other urban forestry topics.

- The SF Clean City Employment Coordinator will provide weekly, unpaid employment readiness and job search activities that will support the successful transition of participants to unsubsidized employment after program completion.
- The job readiness and soft-skills component of the program will include workshops to assist and support participants in their transition to the workforce. Workshop examples include: resume writing, jobs search skills, interview skills, job applications and using online services to find and apply for jobs.
- SF Public Works gardener apprentices will also complete an 80-hour nursery "rotation" as part of their apprenticeship training with the option to further develop their career path with SF Public Works' Bureau of Urban Forestry.

TREE PLANTING & GROWING:

- Workforce trainees and Public Works staff will plant 55 street trees in the South of Market and Bayview DACs with local community involvement.
- Twenty trees (20) will be planted at the nursery site by SF Public Works and SF Clean City workforce staff.
- 300 trees will be grown and cared for by SF Public Works and SF Clean City within the nursery for future planting beyond the grant period.

PROGRAM COMPLETION & JOB PLACEMENT/CAREER ADVANCEMENT:

- Successful completion of workforce training program by participants will result in a certification of completion issued by SF Public Works and SF Clean City.
- Successful participants will be connected to and made aware of urban forestry related employment opportunities with SF Public Works, City Departments, other public agencies, non-profit organizations (SF Clean City and Friends of the Urban Forest), and private tree/landscape maintenance companies. Gardener apprentices will be able to further develop their career path with San Francisco Public Works' Bureau of Urban Forestry.

PROJECT SIGNAGE (See Attachment - Project Sign Schematic)

Signage prominently featuring the CAL FIRE logo will be placed in highly visible and publicly accessible areas both within the Street Tree Nursery property and along the exterior fence. The signs will read, "The San Francisco Street Tree Nursery has been made possible in part by a grant from the California Department of Forestry and Fire Protection (CAL FIRE), Urban and Community Forestry Program."

6D. Project Time Line - Provide a general project time line. Do not list specific dates or months due to uncertainty in when projects may begin. Plan on projects ending no later than March 30, 2025.

- Nursery Capital Funding and Lease Agreement with Caltrans (February 2020) - Caltrans funded
- Street Tree Nursery Final Design and Construction Drawings (February - April 2022) - Caltrans funded
- Street Tree Nursery Construction (May - August 2022) - Caltrans funded
- SF Public Works and SF Clean City hiring of project staff and workforce trainee recruitment (May - August 2022) - CAL FIRE funded
- Nursery Operations & Workforce Training Program begins (September 2022) - CAL FIRE funded
- Completion of CAL FIRE funded workforce training program (March 2025) - CAL FIRE funded

6E. Tree Information (if applicable) - Provide the following information about any trees or plants to be planted as part of the grant project. Include information even if the trees or plants are not to be funded by CAL FIRE.

Species List - Provide a list of the tree and plant species for this grant project . Include common name, Genus, and species. Include the approximate number of each species to be used. List minimum planting stock size for each species.

The following 75 trees are proposed for planting through a match by San Francisco Public Works:

- 5 15# Acer buergerianum,
- 10 15# Magnolia grandiflora 'Sam Sommers'
- 8 15# Platanus x hispanica
- 10 #15 Ulmus propinqua 'Emerald sunshine'
- 7 #15 Lophostemon confertus
- 5 #15 Ginkgobiloba
- 10 #15 Quercus tomentella
- 20 #15 Pinus canariensis

In addition, 300 #5 trees (species TBD) will be grown in pots for future planting beyond the grant timeframe at maturation (#15). The nursery growing stock is not included as proposed plantings under this grant.

Total Project Trees:

Total CAL FIRE Funded:

6F. Long Term Tree Care/Maintenance. Describe below what entity will be responsible for long term tree care. A letter of participation should be submitted by this entity if it is different from the applying entity. If it is individuals, detail the commitment process to be used.

San Francisco Public Works is the official City agency responsible for the care and maintenance of street trees in the City of San Francisco. All trees planted through this grant will be watered and maintained in perpetuity by SF Public Works Bureau of Urban Forestry's citywide street tree maintenance program (StreetTreeSF).

6G. Other deliverables. List all other project deliverables and quantities to be funded by CAL FIRE, as well as overall project totals.

N/A

7. Budget Information

7A. Budget Detail - Provide a specific budget for work to be done. The budget should be based on bid quotes and/or estimates from vendors or on actual costs that will be incurred. The line items listed should be specific enough to adequately describe project expenses. Use the Excel format CAL FIRE has provided for your budget, and follow the guidance in the *Grant Guidelines*. You should note that applicants, if successful in being awarded a grant, will have to follow this budget and will only have the opportunity for minor budget adjustments. The total grant award amount for the project can not be increased later.

7B. Explanation of Budget and Costs - Describe the basis for the budget amounts listed above. Applicants will be expected to adhere to this budget.

GROWING GREEN JOBS: SAN FRANCISCO STREET TREE NURSERY
TOTAL GRANT PROJECT COST: \$4,220,536.58
TOTAL CAL FIRE GRANT REQUEST: \$1,193,594.40
TOTAL MATCHING FUNDS PROVIDED: \$3,026,942.18

Explanation of REQUESTED Costs:

SALARIES AND WAGES (TOTAL BUDGET: \$1,145,554.06)

CAL FIRE Grant Share (\$686,604.60) is comprised of the following costs:

- SF Public Works Nursery Manager, 5200 hours (2.5 yrs full-time) x \$37.15/hr = \$193,180.00 (CAL FIRE grantshare: \$166,300.60)
- SF Clean City Workforce Trainee Crew Supervisor, 5,200 hours (2.5 yrs full-time) x \$28.00/hour = \$145,600.00
- SF Clean City Employment Coordinator, 2,600 hours (2.5 years part-time) x \$30.00 hour = \$78,000.00
- SF Clean City Workforce Trainees (20 total - 6 months each), 15,616 hours x \$19.00/hour = \$296,704.00

EMPLOYEE BENEFITS (TOTAL BUDGET: \$1,255,204.32)

CAL FIRE Grant Share (\$430,161.60) is comprised of the following costs:

- SF Public Works Nursery Manager, 5200 hours (2.5 yrs full-time) x \$68.27/hr = \$355,004.00 (CAL FIRE grantshare: \$310,230.60)
- SF Clean City Workforce Trainee Crew Supervisor, 5,200 hours (2.5 yrs full-time) x \$7.28/hour = \$37,856.00
- SF Clean City Employment Coordinator, 2,600 hours (2.5 years part-time) x \$7.50 hour = \$19,500.00
- SF Clean City Workforce Trainees (20 total - 6 months each), 15,616 hours x \$4.01/hour = \$62,575.00

INDIRECT COSTS (SF CLEAN CITY ONLY)

A total of \$76,828.20 are included to cover administrative costs (12%) related to SF Clean City's workforce training program. SF Public Works is not requesting reimbursement of any indirect costs.

Explanation of MATCHING Funds:

SALARIES AND WAGES (\$458,949.46) & EMPLOYEE BENEFITS (\$825,042.72) - SF Public Works Funded

Matching funds will cover a range of San Francisco Public Works' Bureau of Urban Forestry staff salaries and benefits in support of the Street Tree Nursery project and workforce training program. These include project participation by SF Public Works staff, a nursery construction project manager, gardener apprentice positions and landscape/arborist staff. For full detail on these positions, see Excel budget.

SUPPLIES (\$138,950.00) - SF Public Works Funded

Matching funds will cover the costs associated with planting and establishment of 55 street trees (\$123,750) – this includes a per tree cost of \$2,250 to account for the weekly watering by SF Public Works staff of each tree for a three-year period. Funds will also cover the planting of 20 trees (\$3,000) on the nursery site, 300 five-gallon trees (\$10,500) that will be grown at the nursery and 17 cubic yards of compost (\$1,700).

STREET TREE NURSERY CAPITAL COSTS (\$1,575,000) - Caltrans Funded

Matching funds provided by a Clean California Caltrans grant will cover the costs of nursery construction including a nursery office and workforce training center, fencing and security improvements, vehicle entrances and circulation, and art and placemaking enhancements.

EQUIPMENT (\$29,000) - Caltrans Funded

Matching funds provided by a Clean California Caltrans grant will cover the costs of a comprehensive nursery irrigation system, storage container and tools.

7C. Matching Funds - List other non-GGRF funding sources, that will meet grant matching requirements.

Source 1 Amount

Description

Source 2 Amount

Description

Source 3 Amount

Description

Source 4 Amount

Description

Matching funds comments

8. Project Co-Benefits - What co-benefits will the project have? Check the boxes below for the applicable co-benefits, then describe and/or quantify them. Describe how the project will achieve the co-benefits.

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Stormwater reduction | <input checked="" type="checkbox"/> Improved public health | <input checked="" type="checkbox"/> Jobs created (use ARB tool) |
| <input checked="" type="checkbox"/> Improved water quality | <input type="checkbox"/> Enhanced active transportation | <input checked="" type="checkbox"/> Job training conducted |
| <input checked="" type="checkbox"/> Improved air quality | <input checked="" type="checkbox"/> Reduced vehicle miles travelled | <input checked="" type="checkbox"/> Community outreach conducted |
| <input type="checkbox"/> Energy savings | <input checked="" type="checkbox"/> Vacant lot(s) acquired | <input type="checkbox"/> Education tools/media produced |
| <input checked="" type="checkbox"/> Biomass diverted from landfill | <input checked="" type="checkbox"/> Improved urban forest management | <input type="checkbox"/> Other co-benefits |

• Stormwater reduction: Trees planted as part of the project will slow and absorb stormwater reducing the burden on the City of San Francisco's combined sewer system. San Francisco is the only coastal city in California with a combined sewer system that collects and treats both wastewater and stormwater in the same network of pipes. During large storm events, the system can be overwhelmed by large quantities of water forcing the release of untreated sewage into San Francisco Bay. Approximately, 2.3M gallons of rainfall will be intercepted by project trees according to the ARB Benefits Calculator. This will reduce the burden of stormwater on the system and help prevent sewer overflows.

• Improved water quality: Project trees will trap and filter water pollutants including oil and heavy metals from streets and sidewalks during rain events.

• Improved air quality: Trees planted and grown in the nursery will help filter air pollution in the surrounding South of Market neighborhood which has high concentrations of PM2.5 from freeway traffic entering and leaving San Francisco via the I-80/San Francisco-Oakland Bay Bridge. The proposed Canary Island Pines to be planted onsite at the Street Tree Nursery will grow to become large stature evergreen trees which retain their leaves in winter making them highly effective at trapping particulate matter and reducing exposure to humans year-round.

8. Project Co-Benefits -continued from previous page.

- Biomass diverted from landfills: The Street Tree Nursery addresses increased space needs for SF Public Works' urban forestry operations by creating a 14,000 square foot nursery and workforce training site. For the first time, SF Public Works will now have an adequate outdoor area to store logs from necessary tree removals for wood re-use. This will allow for the processing of removed trees into high-value wood products and reduce green waste sent to solid waste facilities.
- Improved public health: The project's 300 nursery trees, 20 on-site tree plantings and 55 DAC focused street tree plantings will contribute to improved mental and physical health by improving air quality, providing urban dwellers a connection to nature, mitigating extreme heat days by creating shade, and promoting active transportation (walking, bicycling) with greener and more pleasant street environments.
- Reduced vehicle miles traveled: Most trees purchased for planting in San Francisco are grown by commercial nurseries located long distances away from the city requiring lengthy truck delivery trips. By growing trees locally, the project will reduce vehicle miles traveled and the need to import trees from distant nurseries. Growing trees locally will also reduce the air pollution and carbon impacts associated with tree deliveries.
- Vacant lot re-purposed: The project will re-purpose a vacant urban freeway lot owned by Caltrans into a Street Tree Nursery and workforce training center. The highly visible site is located along major freeway entry and exit points to San Francisco and the Bay Bridge. The proposed 14,000 square foot site receives ample sunlight and contains utility connections which make it a desirable site for growing trees. The site has struggled with ongoing dumping, encampment and maintenance challenges. Creation of a nursery here and the planting of 20 on-site trees will transform the lot into a community asset. The project will also contribute to a larger transformation of the area's underutilized freeway parcels into green spaces as envisioned in community planning documents (Central SoMa Plan).
- Improved urban forest management: The project's proposed workforce training program will help grow an expanded urban forestry workforce. These new skilled professionals will help contribute to better management and maintenance of the San Francisco's urban forest. The nursery site will also allow for improved urban forest management by creating a central location for tree planting operations.
- Jobs created: The project will create 24 new jobs including: 20 urban forestry workforce trainees plus a Nursery Manager, Workforce Trainee Crew Supervisor, Employment Coordinator and Nursery Volunteer Coordinator.
- Job training offered: The project will offer urban forestry skills and job readiness training to 20 workforce development program participants and 4 gardener apprentices. Training will include planting site preparation, planting and staking trees, irrigation basics, pest and disease management, tree and plant propagation, young tree pruning, landscape maintenance, composting/amending soil, benefits of trees and ecosystem services, among other urban forestry topics.

9. Certifications & Forms- The following certifications must be filled out and signed by the appropriate person.

9A. Certification of Party Responsible For Establishment Care

I,
Appropriate representative
certify that the Appropriate agency
will provide or be responsible for 100% of the maintenance for a minimum of 3 years after the end of the grant period in accordance with ANSI A-300 tree care standards, the accompanying ISA Best Management Practices and the standards outlined in the grant agreement and/or grant attachments with the California Department of Forestry and Fire Protection.

Signature Nicholas Crawford Date
Title Phone Number

9B. Statement of Compliance With All Applicable Laws (all projects must fill out and sign)

I, Appropriate representative
certify that the Appropriate agency
will abide by all applicable federal, state, and local laws, ordinances, regulations and policies in carrying out this State bond-funded project. Failure to do so will lead to cancellation of the grant award.

Signature Nicholas Crawford Date
Title Phone Number

9C. Checklist of Necessary Forms To Be Completed. Some may not be applicable to your project.

- | | |
|---|---|
| <input checked="" type="checkbox"/> CAL FIRE Urban Forestry Program Environmental Checklist | <input checked="" type="checkbox"/> State of California Non-Discrimination Compliance (Std. 19) |
| <input type="checkbox"/> Proof of AB 1550 community designation documentation. | <input checked="" type="checkbox"/> State of California Drug-Free Workplace Certification (Std. 21) |
| <input checked="" type="checkbox"/> Representative project area maps with AB 1550 information | <input checked="" type="checkbox"/> State of California Payee Data Record (Std. 204) |
| <input checked="" type="checkbox"/> Governing Body Resolution (must follow sample format) | <input checked="" type="checkbox"/> Signed letters of participation from listed partners |
| <input checked="" type="checkbox"/> Documentation of support (AB 1550 Step 2C) | <input checked="" type="checkbox"/> Project sign schematic |
| <input checked="" type="checkbox"/> 5-10 representative site photos | <input checked="" type="checkbox"/> Proof that ARB quantification methodology was followed |
| <input checked="" type="checkbox"/> Urban and Community Forestry Project Budget | <input checked="" type="checkbox"/> Jobs information using ARB methodology (if applicable) |
| <input checked="" type="checkbox"/> Other: | |

List other attachments:

Street Tree Nursery Concept Plan and Site Renderings

SIGNATURE: The authorized primary project contact for the applying organization must sign below. This must be the person, or person holding the position, that is mentioned in the required governing body resolution, and the same person or position signing all of the other required forms. The signature indicates that, to the best of the signer's knowledge, all of the information provided in this application and all attached required forms and documents are true, accurate, and correct. The signer also acknowledges reading and understanding the *CAL FIRE Urban and Community Forestry Grant Guidelines* for 2021/2022.

Signature

Jon Swae

Printed Name Jon Swae

Title Contracts & Grants Manager

Date December 10, 2021

Thank you for submitting your application as directed in the invitation letter.
CAL FIRE Urban & Community Forestry Program

**Growing Green Jobs: San Francisco Street Tree Nursery
CAL FIRE Urban & Community Forestry Grant Application Budget**

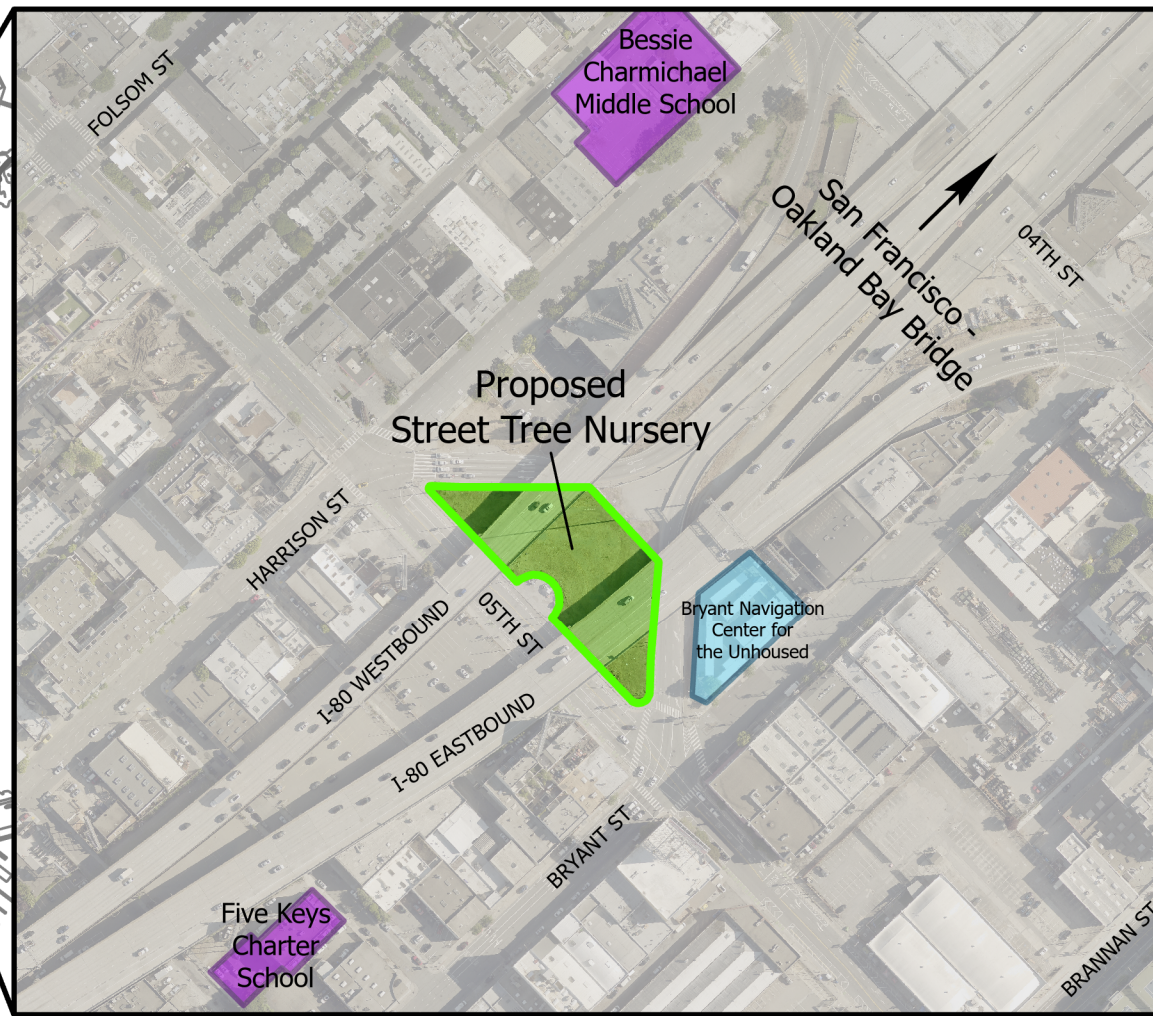
Budget Item	Description	Cost Basis	CAL FIRE Grant Share	Grantee Match	Total
A. Salaries and Wages			748,876	526,153	1,275,029
SF Public Works	Nursery Manager (3422)	5200 hours x \$48.375/hour (2.5 years)	228,572	22,978	251,550
SF Public Works	Nursery Volunteer Coordinator (3374)	4160 hours x \$49.8125/hour (2 years)		207,220	207,220
SF Clean City	20 Workforce Trainees (6 months each)	15,616 hours x \$19.00/hour	296,704		296,704
SF Clean City	Workforce Trainee Crew Supervisor	5,200 hours x \$28.00/hour	145,600		145,600
SF Clean City	Employment Coordinator	2,600 hours x 30.00 hour	78,000		78,000
SF Public Works	Superintendent, Bureau of Urban Forestry	156 hours x \$98.56/hour		15,375	15,375
	Assistant Superintendent, Bureau of Urban Forestry	156 hours x \$85.13/hour		13,280	13,280
SF Public Works	Nursery Construction Project Manager	780 hours x \$68.35/hour		53,313	53,313
SF Public Works	Public Information Officer	780 hours x \$46.75/hour		36,465	36,465
SF Public Works	Tree Planting Supervisor	1560 hours x \$46.50/hour		72,540	72,540
SF Public Works	Landscape Supervisor	156 hours x \$54.62/hour		8,521	8,521
SF Public Works	Young Tree Watering Captain	780 hours x \$38.26/hour		29,843	29,843
SF Public Works	Gardener Apprentice (1 of 4)	80 hours x \$30.63/hour		2,450	2,450
SF Public Works	Gardener Apprentice (2 of 4)	80 hours x \$30.63/hour		2,450	2,450
SF Public Works	Gardener Apprentice (3 of 4)	80 hours x \$30.63/hour		2,450	2,450
SF Public Works	Gardener Apprentice (4 of 4)	80 hours x \$30.63/hour		2,450	2,450
SF Public Works	Tree Planting Crew Member (1 of 3)	495 hours x \$38.26/hour		18,939	18,939
SF Public Works	Tree Planting Crew Member (2 of 3)	495 hours x \$38.26/hour		18,939	18,939
SF Public Works	Tree Planting Crew Member (3 of 3)	495 hours x \$38.26/hour		18,939	18,939
B. Employee Benefits			316,916	453,482	770,399
SF Public Works	Nursery Manager	5200 hours x \$41.69/hour (2.5 years)	196,985	19,803	216,788
SF Public Works	Nursery Volunteer Coordinator	4160 hours x \$42.93/hour (2 years)		178,589	178,589
SF Clean City	20 Workforce Trainees (6 months each)	15,616 X \$4.01/hour	62,575		62,575
SF Clean City	Workforce Trainee Crew Supervisor	5,200 hours x \$7.28/hour	37,856		37,856
SF Clean City	Employment Coordinator	2,600 hours x \$7.50 hour	19,500		19,500
SF Public Works	Superintendent, Bureau of Urban Forestry	156 hours x \$84.95/hour		13,252	13,252
	Assistant Superintendent, Bureau of Urban Forestry	156 hours x \$73.37/hour		11,446	11,446
SF Public Works	Nursery Construction Project Manager	780 hours x \$58.91/hour		45,950	45,950
SF Public Works	Public Information Officer	780 hours x \$40.29/hour		31,426	31,426
SF Public Works	Tree Planting Supervisor	1560 hours x \$40.08/hour		62,525	62,525
SF Public Works	Landscape Supervisor	156 hours x \$47.08/hour		7,344	7,344
SF Public Works	Young Tree Watering Captain	780 hours x \$32.98/hour		25,724	25,724
SF Public Works	Gardener Apprentice (1 of 4)	80 hours x \$26.4/hour		2,112	2,112
SF Public Works	Gardener Apprentice (2 of 4)	80 hours x \$26.4/hour		2,112	2,112
SF Public Works	Gardener Apprentice (3 of 4)	80 hours x \$26.4/hour		2,112	2,112
SF Public Works	Gardener Apprentice (4 of 4)	80 hours x \$26.4/hour		2,112	2,112
SF Public Works	Tree Planting Crew Member (1 of 3)	495 hours x \$32.98/hour		16,325	16,325
SF Public Works	Tree Planting Crew Member (2 of 3)	495 hours x \$32.98/hour		16,325	16,325
SF Public Works	Tree Planting Crew Member (3 of 3)	495 hours x \$32.98/hour		16,325	16,325
E. Supplies			-	138,950	138,950
	Trees (planting AND establishment in South of Market and Bayview DAC/LICs)	55 #15 trees @ \$2,250/tree (includes planting AND establishment - three years of weekly watering 15 gallons/week)		123,750	123,750
	Trees (planting on-site)	20 #15 trees @ \$150/tree		3,000	3,000
	Trees (nursery growing stock)	300 #5 trees @ \$40/tree		10,500	10,500
	Compost (17 cubic yards)	\$100/cubic yard		1,700	1,700
F. Street Tree Nursery Capital Costs (Caltrans Match Funding)			-	1,575,000	1,575,000
Nursery Office & Workforce Training Center					
	Relocation of donated SFMTA office trailer to site			30,000	30,000
	Trailer plumbing			35,000	35,000
	Trailer electrical hook up/solar			70,000	70,000
	Trailer painting/cladding/skirting			160,000	160,000
	New windows/doors			60,000	60,000
	Decking and arbor/shade structure			80,000	80,000
	Trailer stairs and ADA ramp			40,000	40,000
	Indoor painting + flooring			25,000	25,000
Fencing and Security Improvements					
	Perimeter fencing (1200' linear feet): Nursery site			420,000	420,000
	Security improvements (lighting, alarm system, cameras)			100,000	100,000
Vehicle Entrances and Circulation					
	20' Driveway curb cut(s) along 5th Street			35,000	35,000
	20' wide x 50' long driveway (grading, gravel, etc)			25,000	25,000
	Decomposed granite pathways			20,000	20,000
	Gravel site and parking areas. Weed barrier (disease control)			60,000	60,000
	Resin-based pathway and parking area			120,000	120,000
	ADA compliant concrete pathway 6' wide, from gate to trailer			25,000	25,000
Art and Placemaking					
	Freeway column murals			80,000	80,000
	Windmill/wind turbine			30,000	30,000
	Community identified art projects (sunflower grove, sculptures, etc)			30,000	30,000
	Urban wood installation			25,000	25,000
	Art fence panels			100,000	100,000
	Signage			5,000	5,000
G. Equipment (Caltrans Match Funding)			-	29,000	29,000
	Nursery irrigation system			20,000	20,000
	Storage container			4,000	4,000
	Tools			5,000	5,000
TOTAL DIRECT COSTS			1,065,792	2,722,585	3,788,378
INDIRECT COSTS			12%	127,802	304,356
TOTAL PROJECT COSTS			1,193,594	3,026,942	4,220,536
LESS Program Income					
TOTAL GRANT PROPOSED COSTS			1,193,594	3,026,942	4,220,536
			28%	72%	100%

PROJECT AREA MAP: STREET TREE NURSERY CONTEXT MAP & SITE DETAIL

City of San Francisco



 South of Market Neighborhood



Street Tree Nursery Site Detail

PROJECT AREA MAP: CCI PRIORITY POPULATIONS & AB 1550 INFORMATION

