

File No. 221169

Committee Item No. 9

Board Item No. _____

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

Committee: Budget and Finance Committee Date December 7, 2022

Board of Supervisors Meeting Date _____

Cmte Board

- Motion
- Resolution
- Ordinance
- Legislative Digest
- Budget and Legislative Analyst Report
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- Introduction Form
- Department/Agency Cover Letter and/or Report
- MOU
- Grant Information Form
- Grant Budget
- Subcontract Budget
- Contract/Agreement
- Form 126 – Ethics Commission
- Award Letter
- Application
- Public Correspondence

OTHER (Use back side if additional space is needed)

- CEQA Determination 7/24/2014
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Completed by: Brent Jalipa Date December 1, 2022

Completed by: Brent Jalipa Date _____

1 [Apply for Grant - California Natural Resources Agency's Urban Greening Program - Planting
2 Trees and Growing Green Jobs Project - South of Market Tree Nursery - \$456,250]

3 **Resolution authorizing the Department of Public Works to apply to the California**
4 **Natural Resources Agency's Urban Greening Program for a grant in the amount of**
5 **\$456,250 to fund the Planting Trees and Growing Green Jobs project at the South of**
6 **Market Tree Nursery; and affirming the Planning Department's determination under the**
7 **California Environmental Quality Act.**

8
9 WHEREAS, The Department of Public Works Bureau of Urban Forestry ("Public
10 Works") desires to apply for \$456,250 from the California Natural Resources Agency's Urban
11 Greening Program to hire and train residents from San Francisco's low-income communities
12 to plant 200 street trees in disadvantaged communities with low tree canopies, in partnership
13 with a nonprofit organization ("Project"); and

14 WHEREAS, The Project will be centered around the future South of Market Street Tree
15 Nursery, funded and developed pursuant to a Cooperative Agreement with the California
16 Department of Transportation ("Caltrans"), on file with the Clerk of the Board of Supervisors in
17 File No. 220762 and approved by the Board of Supervisors pursuant to Resolution No. 354-
18 22; and

19 WHEREAS, The Project also leverages workforce development funds from the
20 California Department of Fire and Forestry Protection's Urban and Community Forestry Grant
21 Program, on file with the Clerk of the Board of Supervisors in File No. 220855; and

22 WHEREAS, For purposes of formulating reasonable budgetary assumptions for the
23 Project, Public Works' application included a placeholder reference to a nonprofit organization
24 that is representative; however, Public Works will select its nonprofit partner in a future
25 competitive solicitation; and

1 WHEREAS, The Planning Department has determined that the actions contemplated in
2 this Resolution comply with the California Environmental Quality Act (California Public
3 Resources Code Sections 21000 et seq.); said determination is on file with the Clerk of the
4 Board of Supervisors in File No. 221169 and is incorporated herein by reference; the Board
5 affirms this determination; and

6 WHEREAS, The Legislature and Governor of the State of California have provided
7 funds for the Urban Greening Program described above; and

8 WHEREAS, The California Natural Resources Agency has been delegated the
9 responsibility for the administration of this grant program, establishing necessary procedures;
10 and

11 WHEREAS, Said procedures established by the California Natural Resources Agency
12 require a resolution certifying the approval of an application by an applicant's governing board
13 before submission of said application to the State; and

14 WHEREAS, Public Works, if selected, will enter into an agreement with the State to
15 carry out the Project, contingent on compliance with local rules and procedures, including
16 Section 10.170-1 of the San Francisco Administrative Code; now, therefore, be it

17 RESOLVED, That the Board of Supervisors hereby approves the filing of an application
18 for the Project; and, be it

19 FURTHER RESOLVED, That the Board of Supervisors certifies that Public Works
20 understands the assurances and certification in the application; and, be it

21 FURTHER RESOLVED, That the Board of Supervisors certifies that Public Works will
22 have sufficient funds to operate and maintain the Project consistent with the land tenure
23 requirements or will secure the resources to do so; and, be it

24 FURTHER RESOLVED, That the Board of Supervisors certifies that Public Works will
25 comply with the provisions of Section 1771.5 of the State Labor Code; and, be it

1 FURTHER RESOLVED, That the Board of Supervisors certifies that the Project will
2 comply with any laws and regulations, as applicable, including but not limited to, legal
3 requirements for building codes, health and safety codes, disabled access laws, and
4 environmental laws, and that all applicable permits will be obtained prior to commencement of
5 the Project; and, be it

6 FURTHER RESOLVED, That the Board of Supervisors certifies that Public Works will
7 work toward the Governor’s State Planning Priorities intended to promote equity, strengthen
8 the economy, protect the environment, and promote public health and safety as described in
9 Government Code, Section 65041.1; and, be it

10 FURTHER RESOLVED, That the Board of Supervisors appoints the Director of Public
11 Works (“Director”), or the Director’s designee, as agent to conduct all negotiations and
12 execute and submit Project-related applications and other documents including, but not
13 limited to agreements, payment requests and so on, which may be necessary for the
14 completion of the aforementioned Project, as appropriate, contingent on compliance with local
15 rules and procedures, including Section 10.170-1 of the San Francisco Administrative Code.

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Print Application

RFP Title:	General Fund Urban Greening Grant Program - 2022		
Project Title:	Planting Trees + Growing Green Jobs: San Francisco Street Tree Nursery	Estimated Date of Completion:	03/01/2026
		Funds Requested(\$):	456,250.00
		Other Sources of Funds(\$):	4,941,318.00
		Total Budget(\$):	5,397,568.00
Applicant Organization:	San Francisco Public Works	County:	San Francisco
		City/Town:	San Francisco
Applicant Address:	2323 Cesar Chavez Street , San Francisco , CA - 94124	Project Address:	5th Street between Harrison and Bryant Streets, San Francisco, CA
Federal Tax ID:	946000417	Senate District	11
			11,
		Assembly District	17
			17,
		US Congressional District	12

Project Description:

The San Francisco Street Tree Nursery's Growing Green Jobs Program will train and employ workforce development participants from DAC and SDAC areas to plant and establish 200 drought-tolerant street trees in some of the lowest canopy and most heat vulnerable neighborhoods in the city. The project will expand the urban forest by creating and planting 125 new sidewalk basins and filling 75 existing empty sidewalk basins in DAC and SDAC neighborhoods. The tree establishment period will include three-years of weekly watering (20 gallons/week) provided by workforce participants to ensure tree survival and support job training goals. The program will involve a diverse range of local community members and organizations in planting activities. Workforce training and tree planting will be centered around a new fully funded Street Tree Nursery being constructed on a vacant high-visibility Caltrans freeway parcel located near entry/exit points to the San Francisco-Oakland Bay Bridge.

Latitude:	Longitude:	Coordinates Represent:
37.778590000	-122.400840000	Coordinates Determined Using:

Project Director (Applicant's Representative Authorized in Resolution) (Signature required at bottom of this page)

Name:	Nicholas - Crawford	Title:	Project Director: Authorized Representative
Phone:	415-695-2103	Email:	nicholas.crawford@sfdpw.org

Project Manager - Person with day to day responsibility for project (if different from authorized representative)

Name:	Jon - Swae	Title:	Project Manager: Day to day contact
Phone:	415-760-1125	Email:	jon.swae@sfdpw.org

I certify that the information contained in this project application, including required attachments, is complete and accurate

Signed:	_____	Date:	_____
	Applicant's Authorized Representative as shown in Resolution		

Print Name:	_____	Title:	_____
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Application Overview

RFP Title:	General Fund Urban Greening Grant Program - 2022
Submitting Organization:	San Francisco Public Works
Submitting Organization Division:	Bureau of Urban Forestry
Project Title:	Planting Trees + Growing Green Jobs: San Francisco Street Tree Nursery
Project Description:	The San Francisco Street Tree Nursery's Growing Green Jobs Program will train and employ workforce development participants from DAC and SDAC areas to plant and establish 200 drought-tolerant street trees in some of the lowest canopy and most heat vulnerable neighborhoods in the city. The project will expand the urban forest by creating and planting 125 new sidewalk basins and filling 75 existing empty sidewalk basins in DAC and SDAC neighborhoods. The tree establishment period will include three-years of weekly watering (20 gallons/week) provided by workforce participants to ensure tree survival and support job training goals. The program will involve a diverse range of local community members and organizations in planting activities. Workforce training and tree planting will be centered around a new fully funded Street Tree Nursery being constructed on a vacant high-visibility Caltrans freeway parcel located near entry/exit points to the San Francisco-Oakland Bay Bridge.

APPLICANT DETAILS

Applicant Organization:	San Francisco Public Works
Applicant Organization Division:	Bureau of Urban Forestry
Applicant Address:	2323 Cesar Chavez Street , San Francisco , CA - 94124

PROJECT LOCATION

Latitude :	37.778590000	Longitude:	-122.400840000
Watershed:			
County:	San Francisco		

Estimated Date of 03/01/2026

Completion:

Project Address (or nearest 5th Street between Harrison and Bryant Streets, San Francisco, CA
cross street):

Nearest City/Town: San Francisco

Coordinates Represent:

Coordinates Determined

Using:

PROJECT BUDGET

Funds Requested(\$): 456,250.00

Other Sources of Funds(\$): 4,941,318.00

Total Budget(\$): 5,397,568.00

Funding Program	Applied
Greenhouse Gas Reduction Fund (GGRF)	No
Specified General Fund	Yes

Project Management Role	Title	First Name	Last Name	Phone	Fax	Email
Project Director: Authorized Representative	Acting Superintendent	Nicholas	Crawford	415-695-2103		nicholas.crawford@sfdpw.org
Project Manager: Day to day contact	Contracts & Grants Manager	Jon	Swae	415-760-1125		jon.swae@sfdpw.org

Applicant Information

Name: San Francisco Public Works
Division: Bureau of Urban Forestry
Address: 2323 Cesar Chavez Street San Francisco, CA , 94124
Federal Tax ID: 946000417

Person Submitting Information


Submitter Name: Jon Swae
Submitter Phone: 415-760-1125
Submitter Fax:
Submitter Email: jon.swae@sfdpw.org

Legislative Information	Primary	Additional District(s)
Senate District	11	11,
Assembly District	17	17,
US Congressional District	12	

Contacts	Name	Phone	Email
San Francisco Public Works - Bureau of Urban Forestry	Jon Swae	415-760-1125	jon.swae@sfdpw.org
San Francisco Public Works - Bureau of Urban Forestry	Jon Swae	415-760-1125	jon.swae@sfdpw.org

Cooperating Entities	Role	Name	Phone	Email
CalTrans (California Department of Transportation)	Landowner & Funding Partner	Jeanne Gorham	510-715-6500	jeanne.gorham@dot.ca.gov
CAL FIRE (California Department of Forestry & Fire Protection)	Funding Partner	Walter Passmore	916-214-5420	walter.passmore@fire.ca.gov
San Francisco Clean City Coalition	Workforce Development Partner	Gia Grant	415-724-1523	gia@sfcleanycity.com

Pre Submission Attachment Title	Phase	Submission Period	Date & Time
1.02 Photographs	PHASE1	PRE SUBMISSION	3/28/2022 4:14:19 PM
1.03 Cost Estimate	PHASE1	PRE SUBMISSION	3/28/2022 4:19:13 PM
1.04 Community Engagement	PHASE1	PRE SUBMISSION	3/28/2022 4:14:39 PM
1.05 Assessor's Parcel Map	PHASE1	PRE SUBMISSION	3/28/2022 4:16:13 PM

Download all Pre Submission Attachments 

Post Submission Attachment Title	Phase	Date & Time Attached
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No Post Submission Attachments Available to Display

Questionnaire - Phase1

STEP 1: PROJECT PROPOSAL

Project Summary

Describe the discrete project, including expected project deliverables. Include a brief description of current site conditions and extent of public access for the proposed project, if applicable. Summaries are limited to 3,000 characters.

Answer: San Francisco Public Works' Bureau of Urban Forestry (BUF) in collaboration with non-profit workforce development training partner San Francisco Clean City Coalition will plant 200 street trees in extremely low-canopy San Francisco Disadvantaged Communities (DAC) and Severely Disadvantaged Communities (SDAC) including the South of Market and Tenderloin neighborhoods. The project will take place as part of the San Francisco Street Tree Nursery's Growing Green Jobs Program which will hire residents from San Francisco's Disadvantaged Communities (DACs) and Low-Income Communities (LICs) which struggle with higher-than-average unemployment. Many residents from these communities face employment barriers including the unhoused, formerly unhoused, formerly incarcerated, and other low-income populations. The planting project proposed for this Urban Greening Grant will support workforce trainees in developing the skills to enter stable employment in urban forestry and related fields. Planting will take place in 75 existing empty tree basins and in 125 new sidewalk tree basins created through by concrete removal. New

basin locations will be identified and pre-inspected by San Francisco Public Works staff to ensure no underground utilities, sub-sidewalk basements or other planting conflicts are present. Trees will be staked, tied and wrapped in protective caging to support tree growth and prevent vandalism. Workforce trainees will also be employed to provide ongoing weekly tree watering during the tree establishment period (first three years). The project's planting operations and workforce training will be based at San Francisco Public Works' new 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 facility will address the need for more space to grow and assemble trees for tree planting. It 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. The project leverages matching funds from a Workforce Development Grant through CAL FIRE's Urban & Community Forestry Program and capital funding for nursery construction through Caltrans' Clean California Local Enhancement Program.

Project Questions

Applicants must answer the following questions, as applicable. If a question does not apply to the project, indicate "Not Applicable" with a brief explanation. Do not leave blank fields. Answers are limited to 3,000 characters each.

Statutory and Program Requirements

All applicants must meet certain requirements as specified in statute. Each applicant must answer the questions below, as applicable.

- 1 Explain how the project meets the statutory criteria of 1) acquiring, creating, enhancing, or expanding community parks and green spaces, and/or 2) using natural systems, or systems that mimic natural systems.

Answer: The project will create greener public space by planting trees on the streets of low canopy neighborhoods with increased vulnerability to the extreme heat impacts of climate change. In addition, the project involves the transformation of a blighted unlandscaped Caltrans freeway parcel that has struggled with ongoing dumping and maintenance challenges into a 14,000 square foot Street Tree Nursery. The project demonstrates the City of San Francisco's commitment to take action on environmental justice, climate protection and equitable access to trees and green space.

- 2 Explain how the proposed project will result in a net GHG benefit.

Answer: The project will result in a net GHG benefit as a result of planting activities. The trees will reduce atmospheric carbon dioxide (CO2) through growth and the sequestration of CO2 as wood and foliar biomass as well as by lowering demand for heating and air conditioning, thereby reducing the emissions associated with electric power generation and natural gas consumption.

- 3 Explain how the project provides multiple benefits. These could include, but are not limited to, reduced air pollution, water pollution, consumption of natural resources, or consumption of energy.

Answer:

- 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 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.
- Job training offered: The project will offer urban forestry skills and job readiness training to 20 workforce development program participants. 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.
- Improved public health: The project's 200 street trees will contribute to improved mental and physical health by improving air quality, providing urban residents a connection to nature, mitigating extreme heat days by creating shade, and promoting active transportation (walking, bicycling) with greener and more pleasant street environments.
- 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 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).
- 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. 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.

- 4 Select only two of the project examples (a-j) from the list below and answer the corresponding questions. Provide a qualitative description of the project as well as any quantitative information on this topic.

a. Greening of existing public land and structures, including schools

b. Green streets and alleys that integrate green infrastructure elements into the street or alley design, including permeable surfaces, bioswales, and trees

c. Non-motorized urban trails that provide safe routes for both recreation and travel between residences, workplaces, commercial centers, and schools

d. Tree Canopy

e. Neighborhood, city, regional, or county parks and open space

f. Wetlands

g. Urban heat island mitigation and energy conservancy efforts through greening, including green roofs

h. Multi-objective stormwater projects, including the construction of permeable surfaces and collection basins and barriers

i. Climate resilience and adaptation of urban areas that reduce vulnerability to climate impacts and improve the ability of natural systems to buffer the impacts of climate change

j. Economic, social, and health benefits including, but not limited to, recreational opportunities, workforce education and training, contracting, and job opportunities for disadvantaged communities

Answer: I d. Tree Canopy j. Economic, Social & Health Benefits

a Greening of existing public land and structures, including schools

a.1 Describe the current environmental condition and use of the project site.

Answer:

a.2 How will the proposed project contribute to the economic, social, and/or recreational life of the community?

Answer:

b Green Streets and alleys that integrate green infrastructure elements into the street or alley design, including permeable surfaces, bioswales, and trees

b.1 How will the project convert the property into a green street or alley?

Answer:

b.2 How will the project reduce vehicle miles traveled?

Answer:

c Non-motorized urban trails that provide safe routes for both recreation and travel between residences, workplaces, commercial centers, and schools

c.1 Describe how the trail increases connectivity of the active transportation network such as filling gaps or otherwise completing routes in a bike or trail plan or a low-street bikeway network.

Answer:

c.2 Identify the intended users of the trail.

Answer:

c.3 Describe how the trail connects to or between parks, open space, or green infrastructure.

Answer:

d Tree Canopy

d.1 What species of trees and plants will be used? If proposing non-native species, explain the rationale for the selection.

Answer: All street trees planted will be drought-tolerant species with demonstrated rates of success growing in San Francisco after the three-year establishment period. Species for planting include: Acer buergerianum (Trident maple), Magnolia grandiflora 'Sam Sommers' (Southern magnolia), Platanus x hispanica (London plane), Ulmus propinqua 'Emerald sunshine' (JFS-Bieberich), Lophostemon confertus (Brisbade box), Ginkgo biloba (Ginko) and Quercus tomentella (Island Oak). Quercus tomentella ("Island Oak") is native to California's Channel Islands. Non-native species were chosen due to their demonstrated rates of success surviving challenging street growing conditions in San Francisco.

d.2 What are the environmental benefits of the species selected?

Answer: The benefits of the species selected are similar to the benefits of many urban trees including: improved air quality and filtered air pollution, decreased noise pollution, stored and sequestered carbon dioxide, reduced stormwater runoff, and habitat for wildlife.

d.3 What consideration, if any, was given to pollen production in the project plant palette?

Answer: We have typically not seen pollen production issues that affect air quality associated with the species proposed.

d.4 How was the initial size selected for the planting area considered to ensure the best chance for survival and growth? Trees must not be larger than 15-gallon.

Answer: All trees planted will be 15-gallon specimens per the grant guidelines.

e Neighborhood, city, regional, or county parks and open space

e.1 How many acres of green space/park will be created or enhanced?

Answer:

e.2 Describe any limits such as parking, hours of operation, available staffing, user fees, seasonal restrictions, or other ecological considerations.

Answer:

f Wetlands

f.1 Describe how the project will protect, restore, enhance, or preserve wetlands using either common or scientific names to identify elements.

Answer:

f.2 If the project includes restoration or re-establishment of wetlands, explain plans to employ habitat management strategies designed to reduce mosquito production (e.g., Central Valley Joint Ventures Technical Guide to Best Practices at: [LINK FOUND HERE.](#))

Answer:

g Urban heat island mitigation and energy conservancy efforts through greening, including green roofs

g.1 Describe what energy saving measures will be incorporated into the project. Energy saving measures may include, but are not limited to, constructing green roofs, planting trees to shade buildings, walkways and spaces, and converting asphalt to native plants and/or turf, or other permeable surfaces.

Answer:

g.2 Explain how the project will reduce GHG emissions by reducing energy demand and promoting resource efficiencies.

Answer:

h Multi-objective stormwater projects, including the construction of permeable surfaces and collection basins and barriers

h.1 Describe generally the type of stormwater facilities in the proposal (e.g., rain gardens, planters, bioswales, green roof, etc.)

Answer:

h.2 How will the project be designed to reduce mosquito and methane production? (See: Central Valley Joint Ventures Technical Guide to Best Practices at: [LINK FOUND HERE.](#))

Answer:

h.3 What is the estimated volume of stormwater captured and treated? Explain your methodology.

Answer:

i Climate resilience and adaptation of urban areas that reduce vulnerability to climate impacts and improve the ability of natural systems to buffer the impacts of climate change

i.1 How will the project specifically increase resilience to climate change?

Answer:

i.2 What approach was used to determine said benefits?

Answer:

i.3 Identify the climate action plan applicable to the project.

Answer:

j Economic, social, and health benefits including, but not limited to, recreational opportunities, workforce education and training, contracting and job opportunities for disadvantaged communities

j.1 How will the project maximize access to workforce education, training, and quality jobs to residents of disadvantaged communities and individuals with barriers to employment?

Answer: San Francisco Public Works is partnering with the non-profit organization San Francisco City to deliver a comprehensive workforce training program as part of the proposed grant project. 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). Recruitment areas include the South of Market, Tenderloin, Mission, Bayview, Visitacion Valley and Excelsior neighborhoods. Participants will receive 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, tree watering, landscape maintenance, composting/amending soil, benefits of trees and ecosystem services, among other urban forestry topics. The workforce training program will include paid employment through a matching CAL FIRE Workforce Development grant for 20 participants for 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 neighborhood tree plantings. SF Clean City workforce participants will also be responsible for watering of trees during the establishment period. This work will be supported by a range of additional Public Works urban forestry staff in tree planting, tree watering and tree/landscape maintenance. Participants will be connected to and made aware of 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.

j.2 How will the project ensure supplier diversity and procure goods from local businesses, businesses located in disadvantaged communities, or minority or women-owned businesses?

Answer: Our primary partner – San Francisco Clean City – is a non-profit managed by a female executive director and employs a local racially diverse workforce through its workforce development programs. The City of San Francisco's existing contracting requirements also have MWBE (Minority and Women Owned Business Enterprise) allocations.

j.3 How will the project use state or local youth employment programs (e.g., California Conservation Corps, local conservation corps or similar youth employment programs) and how will youth employment elements be integrated into the program?

Answer: Youth employment is not envisioned as part of the proposed program.

j.4 Using the list below, indicate which of the following apply to the project and explain how the selected benefits will be achieved.

- Improved mental health (e.g., social networking, overall well-being)
- Increased physical activity (e.g., effects on obesity, diabetes, heart disease, etc.)
- Reduced risk of skin cancers
- Increased access to locally grown/sustainable food sources
- Increased access to natural environments, parks, open space, etc.
- Other co-benefits to public health (examples include reducing urban heat island effects, increasing safe active transportation - e.g., pedestrian walking and bicycling, and serving an area of high-density population)

Answer: Improved mental health (e.g., social networking, overall well-being) - Trees planted as part of the project will be located in highly urban conditions and provide a connection to nature as well as visual relief that can contribute to stress reduction and sense of overall well-being.

Increased physical activity (e.g., effects on obesity, diabetes, heart disease, etc.) - Greener streets resulting from the trees planted will support and create more attractive active areas for walking and bicycling.

Increased access to natural environments, parks, open space, etc. - The Street Tree Nursery which will be the center for planting operations and workforce development training site will transform an underutilized vacant freeway parcel into a community supporting green space to grow and store trees for planting.

Statutory and Program Priorities

Each applicant must answer the questions below, as applicable.

5 Describe how the project will accomplish two of the following:

- a. Provides park or recreational benefits to a critically underserved community or disadvantaged community
- b. Proposed by a critically underserved community or disadvantaged community
- c. Develops partnerships with local community organizations and businesses in order to strengthen outreach to disadvantaged communities, provides access to workforce education and training
- d. Uses interagency cooperation and integration
- e. Uses existing public lands and facilitates the use of public resources and investments, including schools.

Answer: Develops partnerships with local community organizations and businesses in order to strengthen outreach to disadvantaged communities, provides access to workforce education and training:

The proposed tree planting project involves a partnership with San Francisco Clean City who will be conducting outreach and recruitment for workforce trainees involved in the planting and watering of the new trees. This recruitment will take place with a focus on hiring in San Francisco's Disadvantaged Communities (DACs) and Low-Income Communities (LICs) including the South of Market, Tenderloin, Mission, Excelsior and Bayview neighborhoods which struggle with higher-than-average unemployment.

Uses existing public lands and facilitates the use of public resources and investments, including schools:

The project will make use of existing public land through the establishment of a Street Tree Nursery on a vacant Caltrans freeway parcel that will be the main headquarters for tree planting and workforce development operations proposed as part of this grant. The project features approximately \$4.1 million in awarded public funds (City of San Francisco, Caltrans & CAL FIRE) included as matching dollars.

6 Discuss any demographic, social, and/or cultural issues that are important to the local community and that will influence design, implementation, and maintenance of the project.

Answer: The proposed plantings will take place in highly urban areas within San Francisco. In these settings, we have seen an increase in vandalism of young trees. To address this, the proposal includes funding for caging new trees with hardware cloth to prevent damage.

7 Has the project been identified as a priority by the local jurisdiction. If so, please discuss.

Answer: The City of San Francisco's adopted Urban Forest Plan (2015) identified increased street tree planting and the creation of a Street Tree Nursery as a priority. In addition, an adopted land use plan addressing the area (Central SoMa Plan) prioritized the need for increased greening including tree planting in the South of Market neighborhood and recommended a larger transformation of the area's underutilized freeway parcels into green space and recreational uses.

8 If identified as a priority, describe efforts by the local jurisdiction to provide resources for project implementation. If resources are unavailable, please explain.

Answer: San Francisco Public Works' Bureau of Urban Forestry will be providing a variety of in-kind staff time to support the street tree planting project. In addition, the City of San Francisco's Capital Budget allocated \$500,000 to support capital construction of the Street Tree Nursery workforce training site.

9 How does the project incorporate participation of local agencies, businesses, nonprofits, non-governmental organizations and citizens' groups in project planning, design, or implementation?

Answer: The project will include a partnership between San Francisco Public Works and a non-profit workforce development partner San Francisco Clean City. 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. In addition, the project will engage local neighborhood organizations and community groups such as the South of Market (SoMa) Community Advisory Committee, Tenderloin Boys and Girls Club, St. Anthony Foundation, Tenderloin Community Benefits District, Yerba Buena Community Benefits District and Western SoMa Community Benefits District in project implementation. For more information, please see Community Engagement Plan attachment.

10 Identify how the project will expand acreage and/or access to open space in the critically underserved or disadvantaged community?

Answer: The Street Tree Nursery will provide a green amenity in the South of Market neighborhood which lacks trees and green open space. Aside from growing trees and providing a central location for tree planting operations, the nursery will be open to volunteers, public events and educational programming on climate protection, urban forestry and environmental justice.

11 Does the proposed project affect California Native American tribes?

Answer: The street tree planting and Street Tree Nursery are located on the unceded ancestral lands of the Ramaytush Ohlone peoples.

12 If the project affects California Native American tribal communities, describe the past, present, and future meaningful outreach and collaboration efforts with the local tribes.

Answer: San Francisco Public Works plans to conduct outreach to the Association of Ramaytush Ohlone (ARO) which the primary organization representing the interests of the original peoples of the San Francisco Peninsula. This outreach will involve possible involvement in establishment of the Street Tree Nursery including public art and the planting of street trees in this project and beyond.

Disadvantaged Communities

For the purposes of this section, points will be awarded to projects in which one or both of the disadvantaged community criterion are met.

13 Identify where the project will be located in relation to the disadvantaged census tract by providing geographical location information. (See Appendix E in the guidelines for the disadvantaged community criteria).

Answer: The proposed street tree planting will take place in the following census tracts:

* Severely Disadvantaged Communities (SDAC): 6075012202, 6075012301, 6075012401, 6075012501, 6075012502, 6075017801.

* Disadvantaged Communities (DAC): 6075012302 & 6075017601.

14 Describe how the applicant or partnering community-based organizations made efforts to meet with and involve disadvantaged community residents about the project prior to the proposal deadline.

Answer: San Francisco Public Works has conducted a variety of outreach on the Street Tree Nursery location with community members including the South of Market Community Advisory Committee and Yerba Buena Community Benefits District. Ongoing outreach through larger community planning projects including the Urban Forest Plan and Central SoMa Plan included prior outreach in the proposed grant project areas. San Francisco Clean City's ongoing outreach related to workforce development is focused on disadvantaged community residents. Additional outreach envisioned for the grant project is included in the Community Engagement Plan attachment.

15 Discuss how the project addresses an important and meaningful community need.

Answer: The City of San Francisco has some of the lowest tree canopy (13.7%) of any major city in the United States. Within San Francisco, the Tenderloin and South of Market have some of the lowest canopy (4.1%) of any neighborhood within San Francisco. Planting trees as part of this grant will not

only help increase tree cover and associated benefits in these canopy poor neighborhoods, it will also create jobs and provide training to low-income individuals through a workforce development training program associated with a new Street Tree Nursery.

Extreme Heat Threat

Each applicant must answer the questions below, as applicable.

- 16 Determine if the project is located within a census tract that is estimated to have a significant increase in the annual number of heat-related health events in addition to high heat vulnerability, as identified in the California Heat Assessment Tool (See Appendix F in the guidelines for instructions on how to use this tool) and input the variable and indicator here.

Answer: The Street Tree Nursery and proposed planting locations are located in an areas with 1.65 Health Events projected in 2021-2040. Heat Vulnerability within the project area according to the Action Index includes includes census tracts with high heat vulnerability 81.97 (6075017801)and 75.77 (6075017601).

- 17 Explain how the proposed project will help reduce the extreme heat threats of the project area.

Answer: The planting of trees will expand urban tree canopy and create shade reducing the urban heat island effect in dense urban areas covered mostly by buildings and concrete. These trees will help cool neighborhoods and provide shade during high heat events.

Statewide Park Development and Community Revitalization Act

Each applicant must answer the question below, as applicable.

- 18 Was this project eligible to receive funding from the Statewide Park Development and Community Revitalization Act of 2008?

Answer: We do not believe so. No park space is proposed as part of the project.

Additional Project Characteristics

Each applicant must answer the questions below, as applicable.

- 19 Explain how the project addresses environmental, social, economic, or public health issues or provide benefits not previously discussed?

Answer: These issues are discussed in previous sections.

- 20 Describe how the project uses anti-displacement strategies.

Answer: The project is located on publicly owned (City & State) and managed land and will not result in displacement of residents. Workforce development training and jobs provided by this grant will support living wage employment for participants. Steady employment income can help provide individuals with the ability to afford to stay within high cost areas such as San Francisco Bay Area without displacement.

- 21 Describe the type of irrigation system included in the project.

Answer: No irrigation is proposed for the newly planted street trees. The trees will be planted with watering bags attached. Workforce training participants will fill these bags with 20 gallons of water per week using a watering truck. Water within the bags will slowly flow and infiltrate the soil allowing the trees to get established. Once established, the drought-tolerant trees will be able to survive on seasonal rains alone.

Project Readiness

Each applicant must answer the questions below, as applicable.

- 22 Describe the status of the following items, including anticipated timing for completion of each:

- Preliminary designs
- Environmental documentation
- Necessary permits and long-term operation and maintenance commitments and agreements
- For projects including an acquisition: detailed appraisal and/or comparable sales data; preliminary title report; negotiations with a willing seller.

Answer: Preliminary designs have been completed for the Street Tree Nursery workforce training site with construction set to begin Summer/Fall 2022. Caltrans has already provided CEQA documentation for the nursery project. San Francisco Public Works is in the process of signing a Cooperative Agreement with Caltrans and air space lease to gain control of the site.

- 23 List all other sources of funding and amounts already committed to the project and expected timing of funds.

Answer: The following awarded funds are already available or will become available in 2022 for use related to the project:
 * Caltrans Clean California Local Enhancement Program Funding (2022) – Street Tree Nursery Capital Funding (\$2,400,000)
 * CAL FIRE Urban & Community Forestry Workforce Development Grant (2022) – Street Tree Nursery Workforce Development Program (\$1,193,594).
 City of San Francisco Capital Budget Allocation (\$500,000).

- 24 If funding is not received from other sources, is the requested grant amount sufficient to complete the project?

Answer: Yes. Matching grant and in-kind funds listed are not required to complete the planting and watering of the 200 trees proposed as part of this application.

- 25 List the legal owners for each parcel within the project footprint and the status of notifications, negotiations, agreements, etc. to implement the project.

Answer: Street tree planting locations fall within the City's public right-of-way and are not located on land parcels. The Street Tree Nursery location is owned by Caltrans (California Department of Transportation). The City of San Francisco is entering into a Cooperative Agreement and air space lease with Caltrans for use of the property.

- 26 List all entities with jurisdiction over the project and the status of notifications, agreements, meetings, etc.

Answer: The entities with jurisdiction over the project area include the City of San Francisco/San Francisco Public Works and Caltrans (California Department of Transportation). Caltrans has agreed to fund nursery construction and provide a lease agreement to the City of San Francisco. A Cooperative Agreement between the City of San Francisco and Caltrans is in the process of being signed and finalized.

Organizational Capacity

Each applicant must answer the questions below, as applicable.

- 27 Describe your organization's experience in completing this type of project.

Answer: San Francisco Public Works' Bureau of Urban Forestry is responsible for enhancing the City's green infrastructure by preserving and maintaining the

trees and plants that make up our urban forest. The Bureau manages StreetTreeSF - the citywide street tree maintenance program that provides care and maintenance of the City's 124,000-plus street trees and surrounding sidewalks. StreetTreeSF provides routine, proactive tree maintenance throughout the city on regular cycles. Our crews maintain street trees on a block-by-block basis, ensuring that all street trees are inspected and pruned on a regular basis. The program also repairs sidewalks damaged by tree roots. Our agency has a long history carrying out street tree planting citywide by both our own crews and in coordination with local non-profit partners.

28 Describe all past state grants from other agencies including the project name and year.

Answer: * Caltrans Clean California Local Enhancement Program Funding (2022) – Street Tree Nursery Capital Funding (\$2,400,000)

* CAL FIRE Urban & Community Forestry Workforce Development Grant (2022) – Street Tree Nursery Workforce Development Program (\$1,193,594)

Certification And Submission Statement

Please read before signing and submitting application.

I certify under penalty of perjury:

- The information entered on behalf of Applicant Organization is true and complete to the best of my knowledge;
- I am an employee of or a consultant for the Applicant Organization authorized to submit the application on behalf of the Applicant Organization; and
- I understand that any false, incomplete or incorrect statements may result in the disqualification of this application.

By signing this application, I waive any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent provided in this RFP.

Submission By: jswae

Submitter Initials: *Jon Swae*

Submission Date: 3/28/22

APPENDIX B – SAMPLE COST ESTIMATE/BUDGET FORM FOR DEVELOPMENT PROJECTS

In preparing a cost estimate for the project, applicants should comply with the following:

1. All project elements should be detailed and customized to fit the project. Each element should be clearly described in the project narrative.
2. Each funding source must have its own column. Other Funding Source column headings should specify cash or in-kind.
3. The Urban Greening Grant and Other Funding Source columns should sum to the Total Cost column.
4. **The cost of project elements funded by the Urban Greening Grant should not be split between the grant and other funding sources.**
5. General Overhead costs such as rent, utilities and office equipment/supplies are not eligible for reimbursement. In-service payroll may not include a "billable rate" or administrative cost allocation.

	Unit Price	Unit of Measure	Qty	Total Cost	Urban Greening Grant	Other Funding Source (Matching Grant Funding)	Other Funding Source (In-Kind)
PROJECT ELEMENTS (Examples)							
NON-CONSTRUCTION (not to exceed 25% of grant)							
A	Direct Project Management & Administration						
1	San Francisco Public Works Bureau of Urban Forestry Staff Time (Nursery staff, inspection staff, planting support staff, project management staff, and public information staff)			\$1,401,083			\$1,401,083
B	Workforce Development						
1	San Francisco Clean City Street Tree Nursery Workforce Development Program (CAL FIRE Urban Forestry Workforce Development Grant - funds 20 workforce trainees, workforce trainee supervisor and employment coordinator)			\$640,235		\$640,235	
TOTAL NON-CONSTRUCTION (not to exceed 25% of grant)							
CONSTRUCTION							
C	Street Tree Nursery						
1	Design (Caltrans Clean CA Local Enhancement Program)			\$145,000		\$145,000	
2	Construction (Caltrans Clean CA Local Enhancement Program)			\$2,255,000		\$2,255,000	
3	Construction (City of San Francisco Capital Budget)			\$500,000		\$500,000	
D	Tree Planting: Site Preparation, Planting & Establishment						
1	\$250		125	\$31,250	\$31,250		
2	\$550		200	\$110,000	\$110,000		
3	\$75		200	\$15,000	\$15,000		
4	\$1,500		200	\$300,000	\$300,000		
TOTAL CONSTRUCTION							
Contingency (not to exceed 10% of grant)				\$45,625.0			
PROJECT TOTAL				\$5,443,193	\$456,250	\$3,540,235	\$1,401,083

*All invoices and receipts for project expenditures from all funding sources will be retained and made available for state audit.

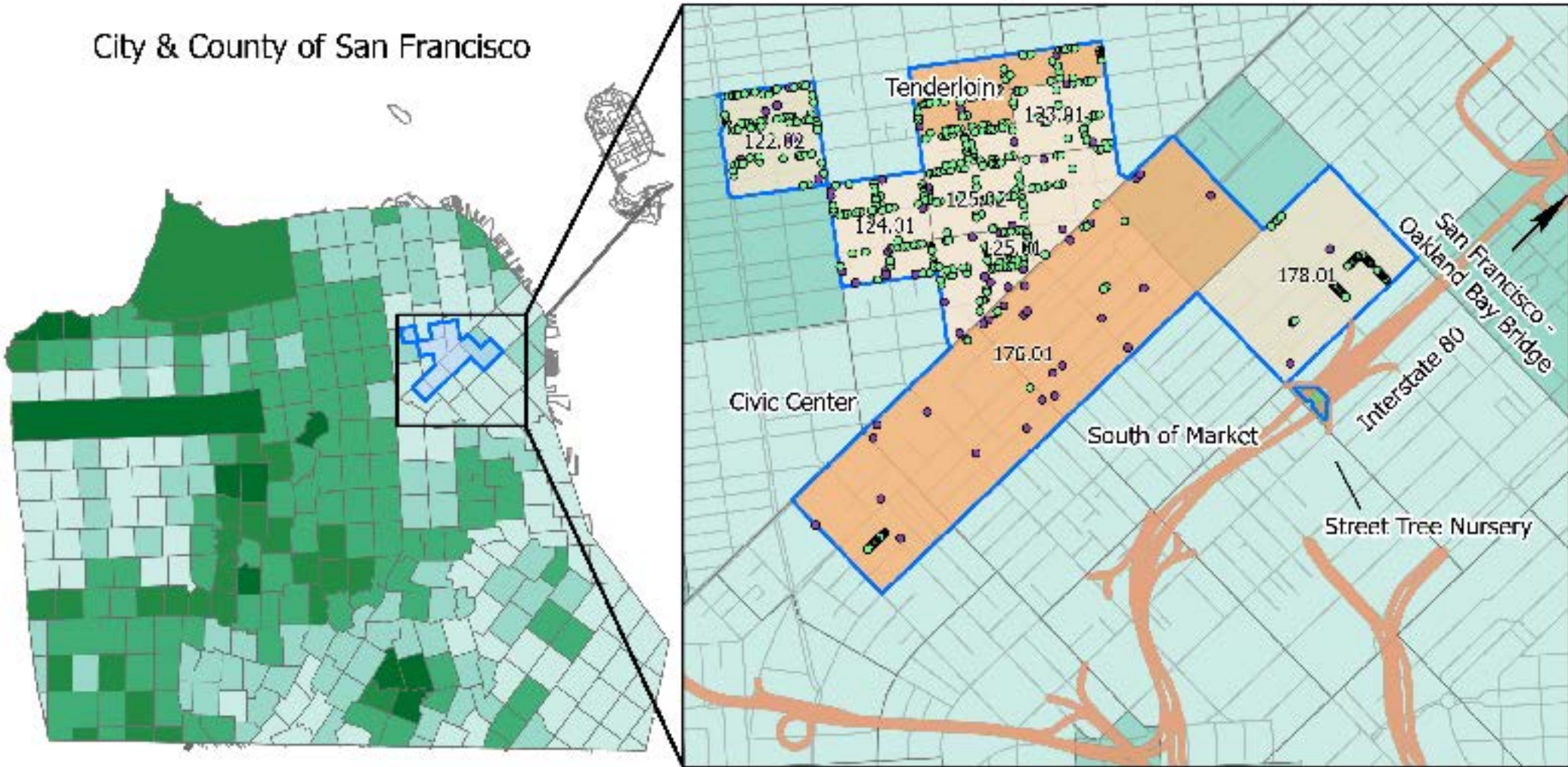
**Only direct project management costs are eligible; no overhead/indirect costs are reimbursable. In-service payroll may not include a "billable rate" or administrative cost allocation.

Site Plan

This site plan map shows the grant project area (blue boundary). 200 street trees will be planted in Disadvantaged Community (DAC) and Severely Disadvantaged Community (SDAC) areas. As shown, these areas have some of the lowest tree canopy in all of San Francisco. This makes the project area more prone to extreme heat and particulate matter pollution from the nearby freeway.

Project Area (Blue Border)

City & County of San Francisco



Planting Locations in SDACs and DACs

- Existing Vacant Site
- New Sawcut Site

SDACs and DACs In Tenderloin and South of Market

- SDACs (<\$12,737)
- DACs (\$42,737 - \$56,981)
- Project Area Boundary

Tree Canopy

- < 5%
- 5.1% to 20%
- 20.1% to 35%
- 35.1% to 60%
- >60%

PROJECT SITE PHOTOS:

TYPICAL STREET CONDITIONS IN PROPOSED PLANTING AREAS

Street tree planting will take place in Severely Disadvantaged Community (SDAC) and Disadvantaged Community (DAC) areas in the tree canopy-poor Tenderloin and South of Market neighborhoods. These highly urban areas have a lack of tree canopy making them more vulnerable to extreme heat and other public health impacts. Some typical street conditions are shown in the photos below. The grant project will provide funding for concrete removal to make room for planting trees where currently no trees or tree basins exist. This will provide significant opportunities for increased greening.



500 Block of Minna St (DAC Census Tract 176.01; South of Market Neighborhood)



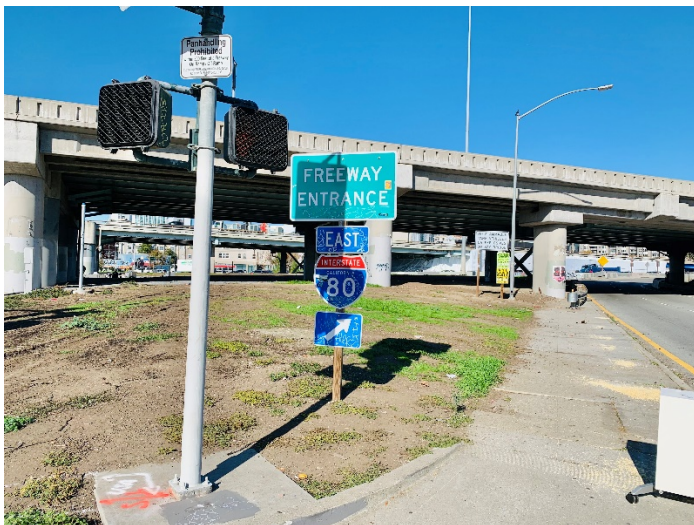
Hyde St and Turk St (SDAC Census Tract 124.01; Tenderloin Neighborhood)



100 Block of Turk St (SDAC Census Tracts 125.01 and 125.02; Tenderloin Neighborhood)

PROJECT SITE PHOTOS: STREET TREE NURSERY SITE

The highly visible proposed Street Tree Nursery workforce training site (5th Street/I-80 interchange) is located between primary entry and exit points to San Francisco with direct access to the San Francisco-Oakland 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 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.

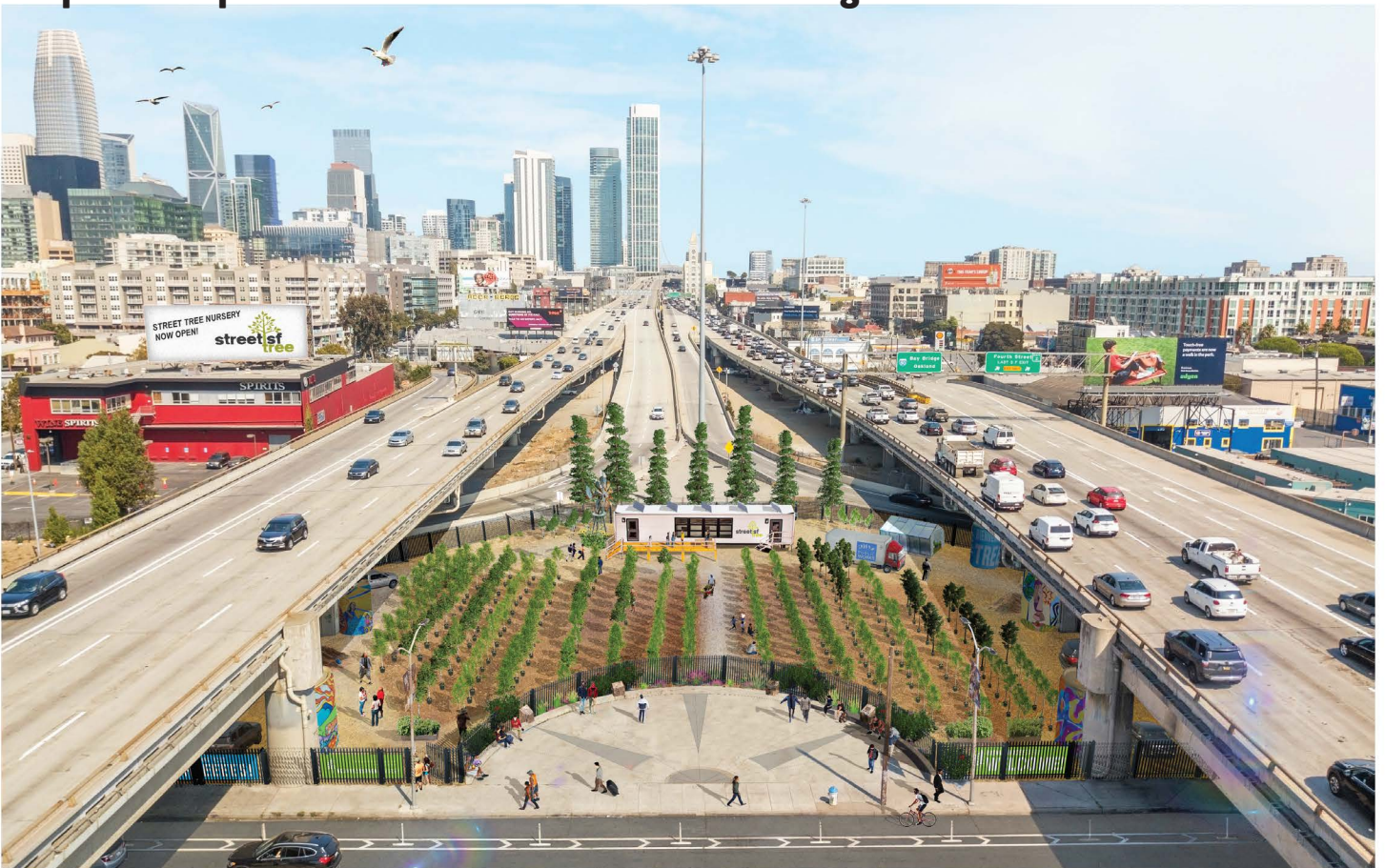


PROJECT SITE PHOTOS

Existing Site



Proposed Improvements (Architectural Rendering)



PROJECT SITE PHOTOS

Existing Site



Proposed Improvements (Architectural Rendering)



MAIN NURSERY AREA (OPEN SPACE BETWEEN I-80 EAST/WEST FREEWAY DECKS)





SAN FRANCISCO PLANNING DEPARTMENT

Certificate of Determination Exemption from Environmental Review

Case No.: 2013.1517E
Project Title: 2014 Urban Forest Plan
Project Sponsor: Jon Swae; San Francisco Planning Department
(415) 575-9069
Staff Contact: Kei Zushi (415) 575-9036
kei.zushi@sfgov.org

1650 Mission St.
Suite 400
San Francisco,
CA 94103-2479

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

PROJECT DESCRIPTION:

The proposed project is to adopt the 2014 Urban Forest Plan Phase I ("Plan"). The Plan identifies policies and strategies to proactively manage and protect street trees in San Francisco. The Plan would help address issues related to street trees, including funding for street tree maintenance and planting of new street trees to address their uneven distribution within San Francisco. Phases 2 and 3 of the Urban Forest Plan have yet to be developed, but would address the management of trees in parks and open spaces (Phase 2) and trees on private property and greening of buildings (Phase 3). This exemption from environmental review covers Phase I of the Urban Forest Plan.

(Continued on Second Page.)

EXEMPT STATUS:

Categorical Exemption, Classes 4 and 8 (State CEQA Guidelines Sections 15304(b) and 15308).

DETERMINATION:

I do hereby certify that the above determination has been made pursuant to State and local requirements.


Sarah B. Jones
Environmental Review Officer

July 24, 2014
Date

cc: Jon Swae, Project Sponsor

Distribution List
Virna Byrd, M.D.F.

PROJECT DESCRIPTION (continued):**Setting**

Surrounded by the Pacific Ocean and San Francisco Bay and located at the tip of an environmentally diverse peninsula, San Francisco is a phenomenal mosaic of topography, weather, geology, and ecology. San Francisco's streets and parks resemble a global arboretum with over 200 species of trees from places including Australia, Asia, and Africa. There are currently approximately 700,000 trees¹ in San Francisco, which renders 13.7 percent of San Francisco covered by tree canopy.² This urban forest³ is almost entirely the result of human-initiated planting activities over the last 150 years.

San Francisco has one of the smallest tree canopies of major U.S. cities. The average U.S. metropolitan canopy cover is 33 percent.⁴ San Francisco's tree canopy is shrinking, and ongoing funding and operational challenges have limited the reach of municipal tree planting and maintenance programs. As many as 100,000 potential street tree planting spaces remain empty. In addition, street trees in San Francisco are not evenly distributed, and some traditionally underrepresented neighborhoods have less greenery.

Plan Goals & Key Recommendations

The Plan includes the following five goals for the urban forest:

1. Grow the urban forest through new planting to maximize the social, economic and environmental benefits of trees and urban greening;
2. Protect the urban forest from threats and loss by preserving the City's existing trees;
3. Manage the urban forest through coordinated planning, design and maintenance to ensure its long-term health and sustainability;
4. Fund the urban forest program by establishing a long-term funding strategy for the City's trees; and
5. Engage residents, public agencies, community groups, and the private sector in caring for the urban forest and fostering their deeper connection to nature.

The Plan identifies four key recommendations that synthesize many of the individual policies and strategies contained in the Plan, which include:

¹ This is the total number of existing trees in San Francisco including trees within the public streets, parks, and private properties.

² A city's tree canopy is measured by the amount of land covered by trees when viewed from above.

³ The term "urban forest" describes the collection of trees and other vegetation found along San Francisco's street and within the built environment. See page 4 of the *draft 2014 Urban Forest Plan* for more information. Available online at: http://www.sf-planning.org/ftp/files/plans-and-programs/planning-for-the-city/urban-forest-plan/Urban_Forest_Plan_Final-051414.pdf. Accessed July 11, 2014.

⁴ City and County of San Francisco. *Draft 2014 Urban Forest Plan, Final Draft*, Spring 2014.

1. *Maximize the benefits of urban trees.* San Francisco's trees provide a wide range of important social, economic, and environmental benefits (estimated at \$9.4 million annually).^{5,6} Some of these benefits include air and water filtration, carbon storage, and habitat creation. The Plan recommends maximizing the benefits of urban trees by identifying and planting high-performing species that would help maximize the social, economic, and environmental benefits of trees.⁷ In addition, the Plan recommends signage and increased communication of these benefits so that they are more visible to policy makers and the public.

2. *Grow the street tree population by 50 percent.* The Plan recommends the planting of 50,000 new street trees on San Francisco's streets over the next 20 years. This would expand San Francisco's street tree population by half from 105,000 street trees (2014) to 155,000 street trees (2034). These new trees would help stem the decline of the urban forest, address San Francisco's limited tree canopy, and bring the trees' benefits to more neighborhoods in San Francisco. In addition, the new trees would be planted in underrepresented locations to create a more equitable distribution of tree canopy and help reduce greening inequities throughout San Francisco.

The typical root ball size of new trees to be planted under the Plan is approximately 24 inches by 24 inches.⁸ New street trees would be planted in existing or new tree planters, generally three feet by three feet in size, within existing sidewalks along public streets. Installation of a new street tree would require excavation that would reach a depth of approximately 24 to 48 inches below the adjacent sidewalk level.⁹ Unhealthy or hazardous street trees would continue to be removed under the Plan. Best Management Practices (BMPs) for erosion control would be implemented as deemed necessary during tree planting, such as installation of straw wattles and chips.¹⁰

3. *Establish and fund a citywide street tree maintenance program.* The Plan proposes halting the practice of transferring the maintenance responsibility for street trees to private property owners. The Plan recommends centralizing maintenance responsibility for 100 percent of San Francisco's street trees under the Department of Public Works (DPW) through a municipal street tree program. Under such a program, homeowners would be relieved from the responsibility of maintaining trees fronting their property and undertaking tree-related sidewalk repairs. Creation of a citywide street tree maintenance program would require the establishment of a dedicated long-term funding source to finance the program. A variety of funding options for consideration by decision-makers have been identified including an assessment district, parcel tax, and general obligation bonds. The Plan

⁵ U.S. Department of Agriculture, Forest Service. *Assessing Urban Forest Effects and Values: San Francisco's Urban Forest*, 2007. Available online at: http://www.nrs.fs.fed.us/pubs/rb/rb_nrs008.pdf. Accessed July 11, 2014.

⁶ Jon Swae, San Francisco Planning Department. *Email to Kei Zushi, San Francisco Planning Department, Urban Forest Plan*, July 11, 2014. This email is available for review as part of Case File No. 2013.1517E at 1650 Mission Street, Suite 400, San Francisco, CA.

⁷ *Ibid.*

⁸ Carla Short, SFDPW. *Email to Kei Zushi, San Francisco Planning Department, Tree Size: 2014 Urban Forest Plan*, July 15, 2014. This document is available for review as part of Case File No. 2013.1517E at 1650 Mission Street, Suite 400, San Francisco, CA.

⁹ Carla Short, SFDPW. *Email to Kei Zushi, San Francisco Planning Department, Street Tree Planting/Irrigation*, July 9, 2014. This document is available for review as part of Case File No. 2013.1517E at 1650 Mission Street, Suite 400, San Francisco, CA.

¹⁰ Carla Short, SFDPW. *Email to Kei Zushi, San Francisco Planning Department, Erosion Control BMPs: Street Tree Planting/Irrigation*, July 7, 2014. This document is available for review as part of Case File No. 2013.1517E at 1650 Mission Street, Suite 400, San Francisco, CA.

recommends further evaluation of these tools to determine the feasibility of each and the potential to achieve the Plan's goals.

4. *Manage trees throughout their entire life-cycle.* The Plan recommends managing street trees through their entire life-cycle. The components of a street tree life-cycle management program include the development of a street tree nursery, a removal and succession strategy, and a wood re-use program to create second-life products from dead or removed street trees.

Please see the Plan for a detailed list of the specific strategies identified in the Plan.

Project Approval:

The Approval Action for the project is the adoption of the proposed Plan by the San Francisco Board of Supervisors. The Approval Action date establishes the start of the 30-day appeal period for this CEQA exemption determination pursuant to Section 31.04(h) of the San Francisco Administrative Code.

REMARKS:

Biological Resources

The goals and strategies in the Plan would not directly result in the construction of any facilities, but would serve to guide how and where new street trees should be planted and help fund the continued maintenance of street trees and removal of unhealthy or hazardous trees over the next 20 years in San Francisco. New street trees would be planted within existing sidewalks along public streets. Installation of a new street tree would require excavation that would reach a depth of approximately 24 to 48 inches below the adjacent sidewalk level.¹¹

Strategy 1.2.7 in the Plan calls for "Us[ing] the urban forest to support local wildlife and provide habitat." The Plan would not conflict with existing or foreseeable plans or programs that pertain to the protection of special-status species¹² or other natural resources and implementation of the Plan would not have a substantial adverse effect on any special-status species or sensitive natural resources.

Under the Plan, DPW would continue to maintain street trees and remove unhealthy or hazardous trees. In maintaining the urban forest, DPW would continue to comply with the Migratory Bird Treaty Act (MBTA), which generally makes it unlawful to pursue, hunt, take, capture, or kill any migratory bird or its nest or egg, in undertaking these activities. Therefore, implementation of the Plan would not result in significant impacts to migratory birds.

¹¹ Carla Short, SFDPW. *Email to Kei Zushi, San Francisco Planning Department, Street Tree Planting/Irrigation*, July 9, 2014. This document is available for review as part of Case File No. 2013.1517E at 1650 Mission Street, Suite 400, San Francisco, CA.

¹² For the purposes of this Categorical Exemption, the term "special-status species" includes species that are: 1) legally protected by the Federal Endangered Species Act (FESA), California ESA, or Migratory Bird Treaty Act (MBTA); or 2) locally significant sensitive species, including species on the National Audubon Society's Watch List or those under threat of local extirpation, as determined by the Yerba Buena chapter of the California Native Plant Society (CNPS) or the Golden Gate chapter of the National Audubon Society.

In light of the above, implementation of the Plan would not result in significant impacts to biological resources.

Utilities

Strategy 1.1.5 in the Plan states that, "Drought-tolerant tree species should continue to be prioritized." A newly planted street tree normally requires 15 gallons of water per week for irrigation purposes and only during the first three to five years of planting.¹³ Therefore, a total of approximately 2,340 to 3,900 gallons of irrigation water would be required for each newly planted tree.¹⁴ The Plan calls for a total of 50,000 new street trees over the next 20 years. Therefore, the new street trees to be planted under the Plan over the next 20 years would collectively require approximately 117 to 195 million gallons of irrigation water in total. This incremental increase in the demand for irrigation would be accommodated within the anticipated water supply projections for San Francisco, given that citywide water use in the year 2010 was approximately 85 million gallons per day. Therefore, the Plan would not result in significant impacts with respect to the availability of water supply.

Strategy 1.2.3 in the Plan calls for DPW to, "Help manage stormwater through increased use of trees and landscaping." Street trees help reduce the amount and speed of surface stormwater runoff entering collection and treatment facilities during large storm events by capturing rainwater on leaf surfaces and uptake via root systems. The amount of rainwater that a typical street tree can intercept ranges from 460 to 4,000 gallons per year.¹⁵ This in turn helps decrease overall combined sewer discharges into the Bay and ocean. Therefore, the Plan would not result in significant impacts with respect to stormwater facilities.

In light of the above, the Plan would not result in significant impacts with respect to utilities.

Cumulative Impacts

Cumulative projects include past, current, and reasonably foreseeable future projects. While Phases 2 and 3 of the Urban Forest Plan have yet to be developed, Phase 2 would address the management of trees in parks and open spaces and Phase 3 would address trees on private property and greening of buildings. Based on the preliminary scope and nature of Phases of 2 and 3 of the Urban Forest Plan, it is not anticipated that Phases 2 or 3, in combination with the proposed project, would result in any significant environmental impacts. As of July 2014, there are no known past, current, or reasonably foreseeable future projects that would, in combination with the proposed Phase I of the Urban Forest Plan, result in any significant environmental impacts. Thus, the proposed Phase I of the Urban Forest Plan, in

¹³ Carla Short, SFDPW. *Email to Kei Zushi, San Francisco Planning Department, Street Tree Planting/Irrigation*, July 7, 2014. This document is available for review as part of Case File No. 2013.1517E at 1650 Mission Street, Suite 400, San Francisco, CA.

¹⁴ $15 \text{ (gallons of irrigation water per week per new tree)} \times 52 \text{ (weeks per year)} \times 3 \text{ (years)} = 2,340 \text{ (gallons of irrigation water required during the first three years of planting per new tree)}$. $15 \text{ (gallons of irrigation water per week per tree)} \times 52 \text{ (weeks per year)} \times 5 \text{ (years)} = 3,900 \text{ (gallons of irrigation water required during the first five years of planting per new tree)}$.

¹⁵ City and County of San Francisco. *Draft 2014 Urban Forest Plan, Final Draft*, Spring 2014.

combination with other past, current, or reasonably foreseeable future projects, would not result in any significant effects on the environment.

Exempt Status

State CEQA Guidelines Section 15304(b), or Class 4, provides an exemption from environmental review for minor public or private alterations to the condition of land, water, and/or vegetation which do not involve the removal of healthy, mature, scenic trees except for forestry and agricultural purposes, including new gardening or landscaping to replace existing conventional landscaping with water efficient or fire resistant landscaping. The planting of street trees resulting from the Plan would be a minor alteration to public land that does not include the removal of any scenic trees or healthy, mature trees. Only unhealthy or hazardous street trees would be removed. Furthermore, drought-tolerant tree species would be given priority in selecting street trees under the Plan. Therefore, the project qualifies for exemption from further CEQA review under Class 4.

State CEQA Guidelines Section 15308, or Class 8, provides an exemption from environmental review for actions by regulatory agencies to assure the maintenance, restoration, enhancement, or protection of the environment. The Plan would provide general goals and strategies to maintain, enhance, and protect the environment, i.e., San Francisco's street trees. Thus, the project qualifies for exemption from further CEQA review under Class 8.

Conclusion

CEQA Guidelines Section 15300.2 states that a categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances. There are no unusual circumstances surrounding the current proposal that would suggest a reasonable possibility of a significant effect. The proposed project would have no significant environmental effects. The project would be exempt under the above-cited classifications. For the above reasons, the proposed project is appropriately exempt from environmental review.

From: [Conine-Nakano, Susanna \(MYR\)](#)
To: [BOS Legislation, \(BOS\)](#)
Cc: [Paulino, Tom \(MYR\)](#); [Swae, Jon \(DPW\)](#); [Schneider, Ian \(DPW\)](#); [Tam, Madison \(BOS\)](#)
Subject: Mayor -- Resolution -- Planting Trees and Growing Green Jobs Project
Date: Tuesday, November 15, 2022 4:19:02 PM
Attachments: [Tree Planting Grant Resolution.docx](#)
[Certification of Determination Categorical Exemption.pdf](#)

Hello Clerks,

Attached for introduction to the Board of Supervisors is a resolution authorizing the Department of Public Works to apply to the California Natural Resources Agency's Urban Greening Program for a grant in the amount of \$456,250 to fund the Planting Trees and Growing Green Jobs project at the South of Market Tree Nursery; and affirming the Planning Department's determination under the California Environmental Quality Act.

Please note that Supervisor Dorsey is a co-sponsor of this legislation.

Best,
Susanna

Susanna Conine-Nakano
Office of Mayor London N. Breed
City & County of San Francisco
1 Dr. Carlton B. Goodlett Place, Room 200
San Francisco, CA 94102
415-554-6147