Public Facility Resiliency Implementation Project Team Biographies

Silicon Valley Clean Energy

Silicon Valley Clean Energy (SVCE) is a Joint Powers Authority and thus eligible to lead this grant and the Coalition of Cities under it. SVCE has substantial experience with handling and distributing funds as the organization regularly provides its constituents grant opportunities and financial assistance. This expertise will apply to distributing subawards to the Coalition members as a pass-through entity. SVCE has an annual 2023 operating budget of $324.5M[1] and typically keeps 300 days of cash on hand, expecting 365 this calendar year, and an "A" Credit Rating[2], putting the organization in a stable and experienced position for managing and distributing the *Public Facility Resiliency Fund.* SVCE is leading this grant to assist its Cities in attaining much needed federal funds to cover decarbonization retrofits and resiliency upgrades at locations meeting the EPA-defined low income and disadvantaged criteria and will be operating at a loss without profit to do so as a courtesy to its Cities, and the City of San José, by charging only a 5% indirect overhead rate, which is well below the Federal de minimus indirect rate. Silicon Valley Clean Energy cares about providing its residents and Cities with the power to make all-electric choices that help fight climate change and build a cleaner, greener Silicon Valley for everyone.

City of San José

The City of San José's Public Works Facilities Management Division (Division) manages over 400 facilities covering over 5 million square feet, with an operating budget of $24 Million annually covering all maintenance, personnel, contracting, and utility costs. The Division consists of journey-level Plumbers, Air Conditioning Mechanics, and Electricians to provide support to all city-owned facilities. These journeymen have the certifications, training, and experience necessary to work on all systems, basic and complex, related to plumbing, HVAC and electrical. They stay up to date on the current technology, trends, and training in their respective trades. Some staff have already taken manufacturer training on heat pump water heaters as some newly built facilities currently have them in place. The rest of the City's trades staff have keen interest in taking trainings planned to be provided through this proposal and will plan to do so moving forward. The Public Works Facilities Management Division also includes an experienced Green Building and Microgrids Team (GBAM) who will conduct general grant administration and oversee fulfillment of the grant's GHG and Design Parameters Performance, Equity Assessments and Countywide Community Engagement within San José's jurisdiction. GBAM oversees the City's energy and water utility management, conducts annual benchmarking of the City's buildings in compliance with the San José Energy and Water Building Performance Ordinance (BPO), and manages maintenance of the City's 48-array solar portfolio. The Program Manager of GBAM has considerable building benchmarking experience, having been the founding Supervisor of the City's BPO from 2019-2022, and personally conducted calculations utilizing ENERGY STAR Portfolio Manager to estimate real potential GHG emissions reductions values for the subset of San José's 50 heat pump hot water heater replacement locations, as well as personally organizing the PFRIP Coalition and primarily authoring this grant.

In addition to maintaining existing facilities, the City of San José's Public Works Department is responsible for capital procurement, construction design, permitting, and contracting by the City of San José. The City Facilities Architectural Services (CFAS) and Structural Engineering and Code Inspections

[1] Silicon Valley Clean Energy Authority; Independent Auditors Report, Financial Statements Years Ended: September 30, 2023, September 30, 2022; https://svcleanenergy.org/wp-content/uploads/Silicon-Valley-Clean-Energy-Authority-9.30.2023-Financial-Statements-FINAL.pdf
[2] RatingsDirect, S&P Global Ratings, Silicon Valley Clean Energy Authority, California; Retail Electric, May 11, 2023

(SECI) teams are the City of San José's in-house team of qualified planners, engineers, architects, and permitting review staff. The CFAS and SECI teams work directly with the City's Fire Department on hazardous materials and fire safety permitting review, the City's Department of Transportation for utilities and traffic safety review, and the City's Environmental Services Department for environmental review such as California Environmental Quality Act (CEQA). Policies, procedures, and staff qualifications may be viewed at sanJoséca.gov/publicworks.

The City of San José Cultural Affairs team will oversee the implementation of the community engagement through public art within the City of San José. The Program Manager of the Office of Economic and Cultural Affairs would personally organize and manage the event. She has organized dozens of events and has over 30 years' experience producing festivals and working with artists. She personally founded the City's Climate Art Plan and Climate Art Action Plan and has been managing producers and contractors under that plan since October 2023.

The City of San José is fully positioned and ready to complete its planned grant Project Portfolio on schedule within a 5 year grant term following acceptance of the grant award. Immediately following acceptance of award, the City will contract with one of its existing vendors for planning, design, and permitting for the three unplanned microgrid projects, and for implementation of the heat pump hot water retrofits. The City's procurement requirements for services, supplies, and equipment generally meet the Uniform Grant Guidance (UGG) (2 CFR 200) minimum requirements. The City's competitive procurement process, through a third-party web-based bid solicitation platform, ensures open and free competition for purchasing. It provides small business considerations and credits and provides measures to prevent conflicts of interest. The history of the procurement process is documented thoroughly to include selection of contract type, cost for the contract, solicitation of bids, responses from potential contractors, determination that the price is reasonable and any amendments to the contracts.

With a population of over 1 million people, the City of San José is the most populous city in the San Francisco Bay Area, making up about 13% of the entire region's population. It is the 10th largest City in the United States and 3rd largest in California. While San José is home of huge technological advances and wealth, the City contains many low income and disadvantaged communities, and has one of the most diverse citizenries of any city in the world, with linguistic isolation rates well above 90th percentile in most census tracks associated with this grant. Many longtime residents who are not working in the tech industry have seen their living costs skyrocket without a proportional wage increase. Many families in San José are already struggling to pay their utility bills and are concerned about outdoor or indoor air pollution. The City has ambitious goals for decarbonizing its region, having been one of the first cities in the nation to adopt a Paris-aligned climate action plan, Climate Smart San José in 2018. This grant will provide desperately needed funds to electrify 56 of the City's most critical facilities and bring equitable decarbonization to its residents who have already expressed their desire to see climate action achieved in San José.

City of Sunnyvale

Sunnyvale's Environmental Services Department's Sustainability team maintains and manages implementation of the City's Climate Action Playbook. The Sustainability team consists of an Environmental Programs Manager, an Environmental Engineering Coordinator, and an Environmental Programs Specialist. Responsibilities include reporting annually on Playbook progress and metrics, reporting annually on the communitywide greenhouse gas inventory, outreach and publicity related to the Playbook goals, programs, and events, and evaluating funding opportunities to support Playbook

goals. Often the Sustainability team leads grant application and coordination efforts while partnering with implementing departments such as Public Works. For both SVCE grants in the Resilience program referenced earlier, the Sustainability team developed and coordinated the grant applications while Public Works was responsible for design, procurement, and constructions of the projects. Through Playbook implementation the Sustainability team works with key staff from every department in the City and has been building on this experience since the Playbook's adoption in 2019.

The Public Works Department in Sunnyvale is comprised of several divisions that specialize in constructing, maintaining and improving City facilities and infrastructure. The Public Works Administration Division is responsible for the design and construction management of small to large size Capital Improvement Projects (CIP). The division consists of CIP design engineers, CIP special projects engineers, and land development engineers. They handle the procurement, construction design and timeline, permitting and contracting to implement CIPs in Sunnyvale. This team consistently applies for funding sources to supplement the costs of CIPs, stays updated on the latest technology and green building standards for improvement projects, and are equipped to manage grants and reports for local, State and Federal funding sources. They had a leading role in the design, construction, procurement and permitting of the new City Hall building and partnered with the Environmental Services team to successfully obtain the grant award from SVCE for its current microgrid system.

The Public Works Facilities Services Division consists of entry to advanced journey-level Facilities Technicians that are trained to perform services and repairs on City-owned facilities. Their duties include but are not limited to plumbing repairs, inspections and maintenance to heating, ventilation, air conditioning, operating equipment for maintenance and repair of city buildings, and maintaining equipment's functionality in each building. The Facilities Services team stay up to date on the current technology, trends, and training in their respective trades. In addition, they are familiar with maintaining and operating all-electric equipment such as heat pumps, HVAC as well as solar systems and battery storage backup equipment Sunnyvale facilities have a few of these systems on current buildings. The new City Hall opened in March 2023, and Facilities Technicians were provided a series of trainings from the contract team to learn how to manage the various all-electric features of the building, troubleshoot and perform repairs if needed. The various Facilities Technicians must maintain and operate this building and have expressed interest in advancing their knowledge and expertise by participating in future trainings planned to be provided through this proposal and will plan to do so moving forward as new and existing staff continue to familiarize themselves with all-electric building equipment and installs.

The City of Sunnyvale takes cost effectiveness very seriously and has ambitious climate action goals to fulfill according to its *Climate Action Playbook*, which is why the Environmental Engineering Coordinator and the Environmental Programs Manager who will administer and oversee this grant within Sunnyvale personally authored all sections of the grant related to the City of Sunnyvale.

City of Morgan Hill

The City of Morgan Hill has considerable experience with effective management of grant funded projects including all aspects related to implementation, reporting, and completion requirements. In FY the City of Morgan Hill reported 4 federal awards and $800,732M in federal grant expenditures.[3]. Currently,

[3] Federal Audit Clearing House, OMB# 3090-0330, EXP: 09/30/2026, https://app.fac.gov/dissemination/search/

Morgan Hill is administering a CAL FIRE[4] grant for $160,000 in hazardous fuel reduction purposes under the California Climate Investments (CCI) projects and since 2022 is satisfactorily managing two awards totaling $6M with the Department of Water Resources for the Urban Community Drought Relief Grant Program[5]

Design and construction of the Morgan Hill Recreation Center Electrification Project under the CPRG grant will be led by the City's Capital Improvement Projects (CIP) team. The CIP team has decades of experience with successful planning and management of public projects, including a long list of grant funded projects. Operation of the fully-electrified facility will be ongoing with support from the City's facility maintenance team who will train as-needed to understand the installed equipment and electric system for proper upkeep. The programming portion of the grant including community engagement, equity analyses, GHG analyses, reporting etc., will be led by designated grant administration staff within the Public Services Department. Similar to management of other successfully implemented grants, the CIP team, operations, and grant administration staff will work together to ensure grant deliverables and reporting are completed accurately, on-time, and with the required details to show Grantors our progress toward achieving expected outputs and outcomes.

Morgan Hill's staff deeply cares about keeping costs reasonable for its citizens and moving the City towards its *Climate Action Plan* goals, which is why the Environmental Services Administrator who will administer this grant personally authored all sections related to the City of Morgan Hill.

City of Mountain View

The City of Mountain View is experienced with complex projects, receiving funds, and executing projects on time and within budget. The City has the support from the City Council, City Manager, and multiple departments to execute the proposed CPRG scope. The City operates under a city manager form of government and has committed staff time from several departments including the Sustainability and Resiliency Division and the Public Works Department to support the effective implementation of the CPRG grant. This includes two full-time and one part-time Sustainability Division staff whose collective work experience in climate-related initiatives totals over 35 years of experience.

Mountain View has significant experience with large capital projects of similar scope to this CPRG proposed scope. For example, the City of Mountain View was recently awarded a Community Decarbonization Demonstration Grant and resiliency grants from Silicon Valley Clean Energy for the Mountain View Community Center and the Mountain View Senior Center. These projects are progressing smoothly; the Community Center is in the process of installing battery storage as a resiliency measure, and the electrification of the Senior Center is already underway with planned installation of a solar hot water system and fully electric commercial kitchen.

The City of Mountain View is strongly conscientious of keeping costs reasonable for its residents and intends to meet its *Sustainability Action Plan* objectives in a timely manner, which is why the

[4] Grant Administrator: Grant Administrator: California Department of Forestry and Fire Protection (CALFIRE); Grant Name: California Climate Investments Fire Prevention Program; Grant Assistance Number: 21-CNR-SCU-031; Grant Term: March 2, 2022 –March 15, 2026.
[5] Grant Administrator: Department of Water Resources (DWR); Grant Name: Urban Community Drought Relief Grant; Grant Assistance Number: 94-6000377; Total Awards: $6,000,000; Grant Term: July 1, 2022 – February 1, 2026; How Funding is being spent: $2,000,000 Butterfield Multi-Benefit Basin Retrofit Project; $4,000,000 Water Supply Capacity Project

Sustainability Analyst and Chief Sustainability and Resiliency Officer in the Sustainability and Resiliency Division personally authored the sections related to the City of Mountain View for this grant.

City of Cupertino

The City of Cupertino's CIP Division has experience with planning and management of capital projects including state awarded grants. For example, the City of Cupertino has experience effectively using grant dollars, including several grants to enable safe biking infrastructure. One example was the award of $1 million for construction of the McClellan Road Separated Bike Lanes Project through the Vehicle Emissions Reductions Based at Schools (VERBS) Program administered by the Metropolitan Transportation Commission's (MTC) One Bay Area Safe Routes to School Program[6]. The McClellan Road Separated Bike Lanes Project aims to create a safer environment for our students, families and residents, particularly those who bike to school and work.

The City is committed to completing the work funded by CPRG within the 5-year timeframe. Cupertino envisions hiring a design consultant to help design the electrification conversion of the facility and will go through a competitive bidding process similar to other Public Works projects to procure the contractor to install the new equipment. The City Fleet and Facilities Division staff will be responsible for maintaining the new facility and will acquire training to properly maintain the new equipment.

The City of Cupertino makes all efforts to maintain feasible project costs and implements projects effectively and efficiently, as demonstrated by its early expenditure of State of California Proposition 68 OGALS grants in 2023. The City still needs financial assistance to meet its CAP 2.0 climate action goals. The Environmental Programs and Sustainability Manager who will oversee this grant personally authored all sections related to the City of Cupertino in pursuit of cost effective grant management, even before award, and moving the City towards its CAP 2.0 climate action goals.

SPUR

Organization description: SPUR is a nonprofit public policy organization that brings people together from across disciplines to develop solutions to the big problems cities face. Our work is focused on research, advocacy, and education to serve Bay Area residents. Our policy team publishes about ten research and policy reports a year. Recent relevant reports include: "Closing the Electrification Affordability Gap" a policy report on heat pumps released in March 2024, and "Re-envisioning the Guadalupe River Park" released in 2024 in partnership with the City of San José and the Guadalupe River Park Conservancy. SPUR has experience in managing long-term research and assessment projects and is committed to leading the Project assessment to highlight successes, challenges, and takeaways to the broader region. With the support of our public engagement team, SPUR hosts over 50 public events a year—in-person and virtual. SPUR and The City of San José are currently working together on the City's Climate Action Plan, and SPUR and SVCE have worked together on research and advocacy related to new rules around clean energy appliances.

[6] Grant Administrator: Metropolitan Transportation Commission's (MTC) One Bay Area Safe Routes to School Program; Grant Name: Vehicle Emissions Reductions Based at Schools (VERBS); Grant Assistance Number: SCL-190036 (CML-5318(033); Grant Amount: $1,000,000; Grant Term: through 12/31/2027; How Funding Is Spent: 100% on construction.

Technical Expertise: Our professionals have expertise in urban planning, economic development, energy, sustainability and resilience, housing, transportation, land use, and governance. SPUR's sustainability and resilience team has extensive experience with building electrification efforts around the Bay Area, and working with public agencies, municipalities, and energy providers to ensure there are affordable and equitable pathways for installing zero-pollution equipment in buildings. SPUR was instrumental in the passage of the Bay Area Air Quality Management District (BAAQMD) first in the nation rules phasing out gas fired heating in buildings, and now manages a coalition focused on implementing these rules. Our team has led research efforts around the cost of heat pumps, and policy recommendations to avoiding and streamlining costly electrical panel upgrades. SPUR's sustainability and resilience policy manager leads SPUR's work in building decarbonization and equitable climate action. The sustainability and resilience policy manager will be the lead staff member for this project.

Prospect Silicon Valley:

Prospect Silicon Valley (ProspectSV) is a nonprofit cleantech innovation and social impact hub focusing on decarbonization technologies, transition strategies, and deployments. ProspectSV helps solution providers and institutions take innovative approaches from pilots to full-scale implementation. ProspectSV's deep connection to asset ownership, design, and technology development leadership offers immediate, tangible value and path to success. We take a nontraditional approach to these programs, providing a focused team of experts to address distinct needs, and working in a consultative capacity throughout the process. Since its inception, ProspectSV has collaborated with more than 60 local government and institutional partners, and 70 cleantech startups, and leveraged more than $600M in public and private investment to drive innovations in transportation and the built environment. ProspectSV cares deeply about invoking sensible and cost-efficient resiliency methodologies for its partners. That is why the Director of Prospect Silicon Valley personally developed and authored all sections related to the Building Design and Workforce Development for PFRIP.