

Grant Resolution Information Form
(Effective July 2011)

Purpose: Accompanies proposed Board of Supervisors resolutions authorizing a Department to accept and expend grant funds.

The following describes the grant referred to in the accompanying resolution:

- 1. Grant Title: Solar for Resiliency
- 2. Department: Department of the Environment
- 3. Contact Person: Rachel Buerkle Telephone: 415-355-3704
- 4. Grant Approval Status (check one):

Approved by funding agency Not yet approved

5. Amount of Grant Funding Approved or Applied for:

| | |
|--|--------------------|
| Total Assistance | \$1,321,200 |
| USDOE direct pay to National Laboratory partners | <u>-\$35,000</u> |
| Total Assistance USDOEE to pay to CCSF | \$1,286,200 |

6a. Matching Funds Required: \$ 288,971

b. Source(s) of matching funds (if applicable): SPUR, Rocky Mountain Institute, Cal-Charge, Alameda County; SFPUC (\$4,830); CCSF resiliency planning already being performed by City departments, including Department of Environment (\$260,000).

7a. Grant Source Agency: US Dept of Energy

b. Grant Pass-Through Agency (if applicable): N/A

8. Proposed Grant Project Summary:

Planning and designing at least eleven projects for independent electricity operation of critical loads in neighborhoods in San Francisco. A combination of City facilities and community serving facilities will be identified for their critical electric loads that must operate during an extended power outage such as those caused by a major disaster. Critical loads are those such as telecommunications, battery charging for cell phones and wheel chairs, medical equipment, and essential lighting. A community process will assist in the identification of facilities and their loads. The design phase will identify the quantity and location of solar photovoltaic panels and energy storage that will enable continuous operation of identified critical loads. A financial analysis will determine the funding requirements and sources to build, operate and maintain the systems. The project will provide a "roadmap" for future systems in San Francisco and in other U.S. cities.

9. Grant Project Schedule, as allowed in approval documents, or as proposed:

Start-Date: 12/15/2014 End-Date: 12/31/2016

10a. Amount budgeted for contractual services: \$853,115

b. Will contractual services be put out to bid?

The contractor, ARUP, had already been selected through a competitive process in 2010 (BPEV1000014-402-09/10) and the contract termination is beyond the end of the term of the grant. ARUP was selected by the Department for a previous study funded by the California Energy Commission of the integration of renewable energy into the electric grid, focusing on the South of Market area. This work will extend the lessons learned to at least ten other neighborhoods throughout the city and provide a detailed design of the solar plus energy storage solutions for the critical loads in each neighborhood.

c. If so, will contract services help to further the goals of the Department's Local Business Enterprise (LBE) requirements? Not substantially. There is \$5,000 for local organizations to perform community level marketing to bring residents to planning meetings. Other contractual work is highly specialized with cutting edge technologies.

d. Is this likely to be a one-time or ongoing request for contracting out?

ARUP will provide services that cannot be provided by City forces; however, SFPUC is a partner and it is expected that knowledge transfer will enable some of the future technical work to be performed by City forces. Otherwise, the Department will continue to use ARUP until the current contract terminates.

11a. Does the budget include indirect costs? Yes No

b1. If yes, how much? \$ 34,256

b2. How was the amount calculated? Based on Department of Environment overhead and indirect.

c1. If no, why are indirect costs not included?

- Not allowed by granting agency To maximize use of grant funds on direct services
 Other (please explain):

c2. If no indirect costs are included, what would have been the indirect costs?

12. Any other significant grant requirements or comments:

Two National Laboratories, Lawrence Berkeley and Sandia are partners and will not receive their share through the Department, but directly from USDOE. Completion of this work will enable the Department to seek other Federal and State funds for the construction of the systems.

****Disability Access Checklist***(Department must forward a copy of all completed Grant Information Forms to the Mayor's Office of Disability)**

13. This Grant is intended for activities at (check all that apply):

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Existing Site(s) | <input checked="" type="checkbox"/> Existing Structure(s) | <input type="checkbox"/> Existing Program(s) or Service(s) |
| <input type="checkbox"/> Rehabilitated Site(s) | <input type="checkbox"/> Rehabilitated Structure(s) | <input type="checkbox"/> New Program(s) or Service(s) |
| <input type="checkbox"/> New Site(s) | <input type="checkbox"/> New Structure(s) | |

14. The Departmental ADA Coordinator or the Mayor's Office on Disability have reviewed the proposal and concluded that the project as proposed will be in compliance with the Americans with Disabilities Act and all other Federal, State and local disability rights laws and regulations and will allow the full inclusion of persons with disabilities. These requirements include, but are not limited to:

1. Having staff trained in how to provide reasonable modifications in policies, practices and procedures;
2. Having auxiliary aids and services available in a timely manner in order to ensure communication access;
3. Ensuring that any service areas and related facilities open to the public are architecturally accessible and have been inspected and approved by the DPW Access Compliance Officer or the Mayor's Office on Disability Compliance Officers.

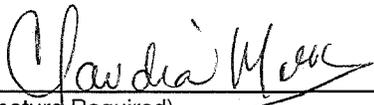
If such access would be technically infeasible, this is described in the comments section below:

Comments: All of the facilities are privately owned facilities of various types of buildings in both the residential and commercial sectors. Staff will make site visits to participate in site assessments only.

Departmental ADA Coordinator or Mayor's Office of Disability Reviewer:

Claudia Molina, Departmental ADA Coordinator, Payroll Personnel Clerk

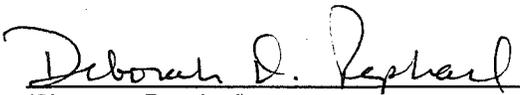
Date Reviewed: 2/17/15


(Signature Required)

Department Head or Designee Approval of Grant Information Form:

Deborah Raphael, Director, Department of the Environment

Date Reviewed: 2/17/15


(Signature Required)

