

## **FY2010 Appropriations Request Form**

Office of Congresswoman Jackie Speier  
211 Cannon House Office Building  
Washington, D.C. 20515  
Phone: 202/225-3531  
Fax: 202/226-4183  
Website: [www.speier.house.gov](http://www.speier.house.gov)

Individuals/Organizations must respond to all questions on the form. Incomplete proposals will not be considered.

All requests will be evaluated before the 12<sup>th</sup> Congressional District's Citizens Oversight Panel. Appointments to appear before the panel must be made through Cookab Hashemi, chief of staff, at 202/225-3531 or [Cookab.Hashemi@mail.house.gov](mailto:Cookab.Hashemi@mail.house.gov). The panel will convene on the following days; Saturday, March 7, Friday, March 13 and Friday, March 20, 2009. All proposals must be submitted by March 2, 2009.

**Date Submitted:** March 2, 2009

**Project Name:** Foster City Library/Community Center Solar Power Conversion

**Individual/Organization:** *(Is the grantee located in the 12<sup>th</sup> Congressional District?)*

City of Foster City/Estero Municipal Improvement District (located in 12<sup>th</sup> CD)

**Amount Requested** *(if requesting report language, please attach.):*

\$697,000

**Appropriations Bill/Account/Relevant Authorization law/bill/status** *(e.g., "Public Law 107-111"; "FY2008 DOD Authorization", "Currently pursuing authorization through Agriculture Committee", "Safe Drinking Water Act" or "Hatch Act"):*

Per telephone conversation with Cookab Hashemi, this field to be completed by Congresswoman Speier's Office

**Local Contact** *(Please provide full contact information, including any relevant phone extensions, and indicate if there is a separate D.C. contact.):*

**Primary Contact:**

Assistant City Manager Kristi Chappelle  
 610 Foster City Boulevard  
 Foster City, CA 94404  
 650-286-3213 (phone)  
 650-577-0983 (fax)  
 kchappelle@fostercity.org

**Secondary Contact**

Public Works Director Ray Towne  
 610 Foster City Boulevard  
 Foster City, CA 94404  
 650-286-3288 (phone)  
 650-345-4626 (fax)  
 rtowne@fostercity.org

**Organization’s Main Activities.** *(Please limit your response to 250 words and indicate whether it is a public, private, non-profit or private for-profit entity.)*

The City of Foster City is a Public Entity/City Government that provides the full range of public services (police, fire, public works, planning, building, and related services) for its 30,000 residents.

The main function of the City of Foster City as it pertains to the Library/Community Center building is to provide management, maintenance and daily inspection of the building and equipment. While the City owns and maintains the library facility, a Joint Powers Authority operates library services. The City will continue to develop ongoing maintenance systems and procedures for City-wide facilities. To maintain the diverse facilities and hours of operation, staff provides efficient, timely and quality service to meet community needs and industry standards. The City will continue to evaluate building maintenance functions and service requirements for the Library/Community Center building.

**Please show main items in the project and total cost in a simplified chart form.** *(Please include the amount of any Federal/State/Local/Private funds, including any in-kind resources.)*

Item Description	Cost
<ul style="list-style-type: none"> <li>• 190 W EVERGREEN ES-190-SL Modules (500)</li> <li>• 100,000W SATCON AE-100-60-PV (F) 240V Inverter (1)</li> <li>• Mounting System</li> <li>• SolarGuard Monitoring System for 10 years</li> </ul>	\$697,000

No other funding or resources to be used.

**Project Description, including a timeline, goals, expected outcomes and specific uses of Federal Funds.** *(Your response must focus on the requested funds rather than the organization’s mission and general activities. Please limit your response to 250 – 500 words.)*

Recently, Foster City-based SolarCity evaluated Foster City’s Library/Community Center for the possibility of adding a solar paneling system to offset the cost of electricity to that building. Based on a site examination and a review of the previous year’s energy bills, the

roof was estimated to be sufficient to handle the panels needed to power the entire building and the electric bill amount is significant enough to warrant this project.

Solar City submitted a proposal for the purchase and installation of a system that would offset the cost of electricity for that building. The proposal is for solar paneling to be placed on one part of the Library/Community Center roof which is ideal for this system with a large unobstructed area for the solar panels. The proposed system specifications are as follows:

Proposed System Size:	95,000kW DC(STC)*
	80,180kW AC(CEC)**

\*DC(STC) = Nameplate rating of a solar module. The power the module will produce in perfect conditions. (Standard Test Conditions)

\*\*AC(CEC) = The total DC (PTC) of solar modules factoring in investor efficiency. This is the number that the eligible state rebate is based on. (California Energy Commission)

Estimated Annual Production	133,290 kWh
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Reduction in Utility Bill (\$1,251/month)	99%
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#### Services and Equipment List

- 190 W EVERGREEN ES-190-SL Modules (500)
- 100,000W SATCON AE-100-60-PV (F) 240V Inverter (1)
- Mounting System
- SolarGuard Monitoring System for 10 years

Federal funds would purchase and install the solar system. Service and maintenance would be handled by the solar company and City staff.

**How will this earmark serve to expand the capacity of your organization and how will your organization sustain this work beyond the federal funding?** *(Your response must focus on the impact of the requested funds rather than the organization's long-term goals.)*

This project will show the City's interest in moving toward sustainable resources that would immediately reduce the use of electrical power from the power provider, Pacific Gas and Electric. The use of solar panels doesn't release carbon dioxide, nitrogen oxide, sulfur dioxide, or mercury into the atmosphere like many traditional forms of electrical generation does. In addition to positively affecting the environment, the switch to solar power would also give the city the ability to redirect budgeted funds that would have been used for utility costs as a result of the savings in the utility bill. An estimated amount of \$15,000 would be saved in utility costs the first year after the project's completion.

The City of Foster City uses Facility Maintenance staff to maintain the City-owned buildings, including the Library/Community Center. Regular maintenance of the panels, such as cleaning can be done by the Facility Maintenance staff. The purchase and installation of the solar panels on the roof of the Library/Community Center would be included in the earmark

amount. Performance monitoring and service would also be included for the first 15 years after purchase. Utility cost savings could be used to extend the performance monitoring and service beyond 15 years.

**What is the local significance of this project?**

The City of Foster City feels this would create a prototype for other area agencies to possibly model their buildings after when making future decisions on sustainable resources. The completion of this project would give the County of San Mateo the first highly used public facility (Library/Community Center) that is fully solar and following the modern day direction of reducing the carbon footprint.

**How many residents of the 12<sup>th</sup> CD will benefit from this project? (i.e. jobs created, services rendered to, how many people, etc.)**

The County of San Mateo has identified the Foster City Library as the busiest branch in the county library system with an average of 52,500 people per month either attending programs or visiting the library part of the building. The City of Foster City estimates 3,400 people per month rent, visit, or attend programs the Community Center. Also, the solar company that has been involved in the research for this project, SolarCity, is based in the 12<sup>th</sup> Congressional District. SolarCity and its 270 employee-owners are interested in submitting a bid for this project.

**List any other organizations or state/local elected officials who have expressed support for the project in writing. (Please submit copies of support letters along with the proposal.)**

The City's Environmental Sustainability Task Force, composed of Foster City residents, recently issued its recommended Sustainability Action Plan, which called for increasing installation of privately owned solar power systems and asked that any recommendation adopted by the City also be implemented at City facilities. While there is currently no support letter that can be attached to this application, copies of the Task Force's report can be made available and/or a letter of support will be obtained.

**Does the organization have any other funding requests for this project? (Federal, State, Local or private pending?)**

No.

**Has the organization previously received Federal funds for this project? (Please list any funds received [by fiscal year] and briefly describe how those funds were spent.)**

No.

**Please attach a list of your organization's staff and board members (if any).**

City Council/Estero Municipal Improvement District Board of Directors

Mayor John Kiramis  
Vice Mayor Rick Wykoff  
Councilmember Pam Frisella  
Councilmember Art Kiesel  
Councilmember Linda Koelling

City Staff

City Manager James C. Hardy  
Assistant City Manager Kristi A. Chappelle  
City Attorney Jean Savaree  
Administrative Services Director Steve Toler  
City Clerk Therese Calic  
Community Development Director Richard Marks  
Financial Services Director Ricardo Santiago  
Fire Chief Tom Reaves  
Human Resources Director Rebecca Burnside  
Parks and Recreation Director Kevin Miller  
Police Chief Craig Courtin  
Public Works Director Ray Towne

**Please attach any additional relevant materials.**