

Office of Congresswoman Jackie Speier (CA-12)
Member-Designated High Priority Project (HPP) Questionnaire
Committee on Transportation and Infrastructure

DEADLINE FOR SUBMISSION: Friday, May 1, 2009 @ 9:00 p.m. (P.D.T.)

Please submit this form along with any additional material to Cookab Hashemi, chief of staff via email at Cookab.Hashemi@mail.house.gov or fax, 202/226-4183. If you have any questions or concerns, please feel free to contact Cookab Hashemi at 202/225-3531.

The questionnaire must be filled out in its entirety. In addition, it must be accompanied by at least one letter of support from a state, regional, or local government official specifically supporting the project request. This letter should discuss the merits of the project; specify the process to provide the public with an opportunity to comment on the project; and identify the other sources of Federal, state or private funding that will be used to complete this project or project phase.

The letter must contain an explicit statement of support for the project. In addition, if you are requesting less than 80 percent of the total estimated cost of the specific segment or activity, the letter must identify other specifically designated Federal, state, local or private funding sources that, combined with the Member request, equal at least 80 percent of the total estimated cost. Please use **BOLDFACE FONT** to highlight these statements in the letter.

All questionnaires and accompanying documents will be posted on the Congresswoman's website as required by the House Committee on Transportation and Infrastructure.

Lastly, all project requests will be evaluated before the 12th 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. **The Citizens Oversight Panel meeting will be held on Monday, May 4, 2009.**

1. **Project Title:** Streetlight Rehabilitation and Energy Efficiency Upgrade

2. **Organization (project sponsor) Name and Address:**

City of San Bruno, Public Works Department
567 El Camino Real
San Bruno, CA 94066

3. **Primary contact name, phone, cell and fax numbers and email address:**

Jim Shannon, Management Analyst
(650) 616-7046 office
(650) 759-5411 cell
(650) 794-1443 fax
jshannon@sanbruno.ca.gov

4. **Project location address (if different from the organization):** Throughout the city.

5. **Please provide a brief description of the project. (Please describe in 250 words or less.)**

This project will systematically replace deteriorated or outmoded streetlights and will replace existing high voltage series circuits with new low voltage parallel circuits. Currently the City operates approximately 2,000 streetlights. Most of these streetlights use high-pressure sodium bulbs requiring a significant amount of electricity. Moreover, both their power supply systems and the poles themselves are approximately 50 years old, approaching the end of their life.

The project will take place in two phases. The first phase will concentrate on the nearly 400 streetlights on high-voltage series circuits. Work includes replacing the poles, installing energy-efficient LED luminaires, perform shallow underground trenching to remove the series electrical circuitry and replace with lower voltage parallel circuitry, installing new junction boxes and transformers, and patching all excavations with new concrete and asphalt.

The second phase will focus on the streetlights on parallel circuits. While these are relatively low-voltage lights compared to those on a series circuit, the City needs to replace the aging poles with new ones and replace the high-pressure sodium light bulbs with more energy-efficient and longer lasting LED luminaires.

6. **What is the purpose of the project? Why is it a valuable use of taxpayer funds? How will the project support efforts to improve the economy and create jobs in the 12th Congressional District? (Please describe in 250 words or less.)**

The project addresses key safety and energy-efficiency needs. San Bruno is a locale frequented by high-velocity, gusty winds. These weather conditions make falling streetlights a reality—especially with the extreme age of many of the poles. The potential for the poles to damage public and private property, as well as negatively impact the safety of residents, is real. Installing new poles with enhanced structural integrity that resists wind shear will provide a substantial safety benefit.

Moving from series and parallel circuits also addresses safety and energy efficiency issues. When one streetlight on a series circuit goes out, all the lights on that circuit go out. This makes repair difficult and timely, often resulting in nightly neighborhood outages spanning several days. Such a length of time without night lighting makes vehicular and pedestrian travel more dangerous in those areas. Additionally, series circuits require very high voltage level to maintain power across the entire circuit. In contrast, a parallel circuit requires a much lower voltage that saves energy and increases safety.

Replacing high-pressure sodium bulbs with energy-efficient LED luminaires is one of the most significant steps the City can take to reduce its carbon footprint.

This is a complex project with a constant stream of expenditures needed for several years. The degree of work involved and the length of time required for completion will help promote a stable source of jobs for skilled workers in abundant supply in the 12th Congressional District.

7. **Are you requesting Federal funds for more than one project in this bill? If yes, please list projects in order of priority requests for your organization.**

No.

8. **Are you requesting funds from other Members of Congress? If yes, which Members?**

No.

9. **Please select which type of eligible project under Title 23 (Highways) or Chapter 53 of Title 49 (Public Transit) of the U.S. Code is the project request? Please select from the options below.**

This project is eligible under Title 23 (Highways). Given that this project will address most of the streetlights throughout the city, some of the project will take place on Federal-aid highways, but many will be on local and collector streets.

▪ **FEDERAL-AID HIGHWAY**

- Highway/road, bridge, tunnel, bicycle/pedestrian project, intelligent transportation system project, ferry boats or ferry boats facilities, intermodal freight facility or other.
 - For each type of project, please note if it is located on a Federal-aid highway, located on the National Highway System, and located on the Interstate System.

10. Did the Federal Highway Administration, Federal Transit Administration, or State Department of Transportation,¹ or public transit agency confirm that the project is eligible under Title 23 (Highways) or Chapter 53 of Title 49 (Public Transit) of the United States Code?

Yes.

- **Which entity confirmed the project eligibility?**
 - California Dept. of Transportation
 - i. John Brewster, Local Assistance Engineer
 - ii. (510) 286-6485
- According to the entity, is the project eligible under Title 23, Title 49, or both Titles 23 and title 49?
 - **Title 23 (Highways)**

11. Please identify the state, regional, or local government entity that is an eligible recipient of the funds. Please include name and address. (For example, a State Department of Transportation, public transit agency, Metropolitan Planning Organization, local government or Federally-recognized tribe.)

City of San Bruno
567 El Camino Real
San Bruno, CA 94066

12. Please identify and describe the specific segment or activity for which project funding is requested. (The request must finance at least 80 percent of the total estimated cost of the specific segment or activity by either 1.) the amount requested; or 2.) the amount requested in addition to other specifically designated Federal, state, local or private funding sources.)

Project description: (Include the specific terminus points of the project or activity, as appropriate.)

The project will involve the replacement of a large number of streetlights throughout the city.

Project activities: (You may select more than one.)

- Construct
- Plan
- Design
- Engineer

- Conduct
- Environmental Review
- Acquire right-of-the-way
- Conduct alternatives analysis
- Research
- Develop
- Demonstrate
- Deploy
- **Reconstruct**
- **Rehabilitate**
- **Replace**
- Retrofit
- **Install**
- Mitigate
- Implement
- Realign

What is the total estimated cost? (Please write out in numeral form, e.g. \$2,000,000, not \$2 million)

\$5,700,000

What amount is being requested? (Please write out in numeral form.)

\$5,700,000

What percentage of the total estimated cost is the request for Federal funding? (If the percentage is less than 80%, please identify other specifically designated Federal, state, local or private funding that when combined with this request equal at least 80 percent.)

100%

Please identify the source and amount of funding.

13. If you are requesting funding for a specific segment or activity, please describe the overall project of which this segment/activity is a part.

- Requesting funding for entire project.

14. Is the project included in the State's Long-Range Transportation Plan?

No.

15. **Is the project included in the Metropolitan Transportation Improvement Program (TIP) and/or State Transportation Improvement Program (STIP)?**

No.

16. **If the project is an intercity passenger rail project, is it included in the State Rail Plan?**

Not applicable.

17. **Please describe the current status of the project and the expected schedule for its completion.**

- *Current status of project*
 - Federal-aid Highway projects:
 - **In Planning**
 - In Environmental Review
 - In Final Design
 - In Right-of-Way Acquisition
 - Under Construction
- **What is the expected date of completion of the project for which you are requesting funding? (Between fiscal years 2010 through 2020)**

2013

18. **Does the project have regional or national significance?** (A project of regional and national significance is typically a high-cost transportation infrastructure facility that often includes multiple levels of government, agencies, modes of transportation, and transportation goals and planning processes that are not easily addressed or funded within existing surface transportation program categories. These projects have national and/or regional benefits, including improving economic productivity by facilitating international trade, relieving congestion, and improving transportation safety by facilitating passenger and freight movement.)

Not applicable.

19. **Describe the safety, economic development, mobility, and environmental benefits associated with completion of the project.**

- *Safety Benefits*

- Decreases the likelihood of decrepit poles falling, damaging property and endangering public safety. Drastically decreases the amount of time streetlights go dark , improving vehicular and pedestrian safety.
- *Economic Development Benefits*
 - A medium-term sustained project that provides jobs to skilled workers.
- *Mobility Benefits*
 - The new streetlights will provide additional nighttime lighting to aid pedestrians walking at night.
- *Environmental Benefits*
 - Replacing high-pressure sodium bulbs with energy efficient LED lights will significantly reduce power consumption and reduce greenhouse gas emissions.

20. **Has the project previously received any Federal funding? If so, please list the Source, Amount of Funding and Amount Obligated. (Please see categories below.)**

No.

21. **Has the project received any prior funding from a State, local, or private source?**

No.

22. **Please provide the proposed legislative text (in no more than 250 characters) of the project as you would like it to appear in the bill. (Please note that project line items carry the force of law, and can only be amended through subsequent public laws. If Congressional intent (as established through answers listed on this form, or in letters to the Committee) is different from the legislative text, the entity administering the project is required to adhere to the statutory language.)**

The City of San Bruno Streetlight Rehabilitation and Energy Efficiency Project involves the planning and construction of the replacement of streetlight poles, the replacement of streetlight bulbs, and converting streetlights on a series electrical circuit to a parallel circuit.

23. **Please include any additional information that should be consider with the project request.**

**Please return this form and at least one local or state letter or support no later than Friday, May 1, 2009 via email or fax to:
Cookab.Hashemi@mail.house.gov or 202/226-4183 (fax).**



CITY OF SAN BRUNO

CITY MANAGER

Connie Jackson
City Manager

May 1, 2009

Congresswoman Jackie Speier
211 Cannon House Office Building
Washington, DC 20515

Subject: **Letter of Support for HPP—Streetlight Rehabilitation Project for the City of San Bruno**

Dear Congresswoman Speier:

On behalf of the City of San Bruno, I am pleased to submit to the 12th Congressional District's Citizens Oversight Panel our project proposal for rehabilitation of our city's streetlights. **Should this project receive funding, my staff will perform diligently to complete all work in a thoughtful and timely manner.** Like many cities on the Peninsula, much of San Bruno's public works infrastructure has either outlived or is approaching the end of its useful life. This is no less true for the more than 2,000 streetlights residents and businesses depend on throughout the community.

San Bruno experienced significant growth in the post-War period and finished much of its development at the end of the 1970s. This means that nearly all streetlight poles and many of their power supply systems are at least 30 years old—many approaching fifty years old. In addition, a significant number of streetlights are on dangerous high-voltage series circuits prone to prolonged outages. This project will comprehensively rid the community of these outdated streetlights, poles and circuits, and replace them with new poles of greater structural integrity on updated circuits featuring energy-efficient LED bulbs. Not only will this result in a significant community safety and aesthetic enhancement, the scale of the project will employ a number of highly skilled construction jobs for a period of several years.

Should this project proceed, my staff will work with the City Council to develop a public process to select a design standard for the poles that meet the needs of each local community. Once this process completes, we can begin the work systematically replace bulbs and poles, and eliminate all series circuits. Due to the scale of this project and that it does not fit within the confines of many federal or state grant programs, I do not anticipate any additional outside funding. **The included request of \$6.0 million would fund the entire project.**

Congresswoman Jackie Speier
HPP: Streetlight Rehabilitation Project for the City of San Bruno
May 1, 2009
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Thank you for efforts to secure the financial investment in public works so needed in this community. Please contact me or my staff should you have any questions regarding our proposal.

Sincerely,



Connie Jackson
City Manager

Attachment

cc: Klara Fabry, Public Services Director
cc: Jim Shannon, Management Analyst