

Memorandum

To: Robert P. Oglesby
Executive Director

Date: June 29, 2011

Telephone: 651-3004

From: **California Energy Commission**
1516 Ninth Street
Sacramento CA 95814-5512

Subject: STAFF RECOMMENDATION TO APPROVE AN AMENDMENT TO THE CITY OF DINUBA'S ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT TO REVISE THE SCOPE OF WORK AND THE BUDGET TO BE CONSIDERED AT THE JULY 27TH BUSINESS MEETING.

Summary of Item

The California Energy Commission approved an Energy Efficiency and Conservation Block Grant to the City of Dinuba (City) in the amount of \$114,827 to retrofit their street lighting, various lighting fixtures and controls, and HVAC controls at their Police Station.

The City under estimated the costs of their original project. They are requesting to reduce the number of lighting fixtures and controls from their original lighting project. The City will also revise the lighting project by adding lighting fixtures and controls at new locations.

The City is revising the number of street lights being replaced from 76 units to 65 units.

The City is also removing the HVAC controls measure due to the lack of funds.

The Budget originally allocated \$53,305 to Non-Labor Contract Expenses and \$60,337 to Contract Labor. The City requested to revise the Budget by reallocating \$24,474 from Contract Labor to Non-Labor Contract Expenses.

The final Budget will now show \$77,779 allocated to Non-Labor Contract Expenses and \$35,863 allocated to Contract Labor.

There will be no change to the grant amount.

Table 1 summarizes the project savings

Project/Location	Annual Electric Savings (kWh)	Annual Cost Savings (\$)	Estimated Total Project Cost (\$)
Street Lights	38,719	\$5,807	\$53,270
Lighting Retrofit	68,214	\$10,232	\$61,557
TOTAL	106,933	\$16,039	\$114,827

Justification for Action Requested:

The City is committed to reducing their energy consumption and to the reduction of greenhouse gas emissions. These projects, when completed will save the city about 107,000 kWh of electricity yearly which corresponds with about 74,000 pounds of carbon dioxide equivalent of greenhouse gas emission reduction every year.

The project still meets the minimum energy savings requirement of the Energy Efficiency and Conservation Block Grant Program.

The original submittal of the Budget was prior to awarding a contractor and was merely the best estimate at the time of the submittal.

Energy Commission staff has determined that the amendment request for the City is technically justified and meets all requirements under the Energy Efficiency and Conservation Block Grant Program.

As a result, staff recommends approval of this amendment to the City of Dinuba.

Project Manager

Cheng Moua, Special Projects Office

Oral Presentation

Staff will be prepared to discuss this recommendation and to respond to questions regarding the amendment.

Business Meeting Participants

Cheng Moua, Special Projects Office, Fuels and Transportation Division

Commission Action Requested

Approve the amendment and authorize the Executive Director to execute the amendment documents.

PAT PEREZ, Deputy Director
FUELS AND TRANSPORTATION DIVISION

**City of Dinuba
CBG-09-055
Amendment #1**

Pros and Cons

The following are the Pros and Cons to the Energy Commission of providing a grant to the City of Dinuba:

Pros:

- The projects are technically feasible and will help the City of Dinuba reduce their energy consumption, cost and help improve the environment.
- Consistent with the Energy Commission's *2009 Integrated Energy Policy Report* to reduce energy use, demand, and greenhouse gas emissions through efficiency and renewable energy programs and diversify California's energy sources.
- Consistent with the office's work plan goals of providing grants to public agencies for cost-effective energy saving projects.

Cons:

- None

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