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City of

**LEMOORE**  
CALIFORNIA

## **Staff Report**

### **Public Works Department**

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Item 2

**To: Lemoore City Council**  
**From: Lauren Apone, Administrative Analyst**  
**Date: January 24, 2012**  
**Subject: Energy Efficiency and Conservation Block Grant Phase 2**

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### **Discussion:**

As part of the American Recovery and Reinvestment Act (ARRA) of 2009, grant money has been made available for energy projects through the Energy Efficiency and Conservation Block Grant (EECBG) Phase 2 Small City and County Grant Program. This grant is very similar to Phase 1 funding, which the City of Lemoore used to replace 283 high pressure sodium vapor (HPSV) street lights with LED streetlights on City owned lights east of Lemoore Avenue and on portions of Cinnamon Drive. The new LED streetlights have functioned well and provide better lighting in the community.

Staff wishes to use this additional funding to replace the remaining 1,234 City owned HPSV street lights with LED fixtures. If this project is completed, all City owned streetlights will be LED fixtures. However, there are still many streetlights scattered throughout the City that are owned by PG&E that will remain HPSV until PG&E changes them out.

This grant was released on a first-come, first served basis and staff has already submitted the application to the California Energy Commission (CEC). In an effort to expedite the application process, the CEC began accepting applications without authorizing resolutions. However, a resolution is needed before the City can accept this funding. Resolution 2012-02 authorizing the City of Lemoore to apply for this funding is before you tonight. This grant has no maximum funding limit and no match requirements. The City has applied for \$635,144.

PG&E has a turnkey streetlight replacement program that purchases the LED cobra-heads in bulk, goes out for a competitive bid for the installation, and takes care of all the rate-change paperwork. This turnkey program meets the energy savings and cost effectiveness criteria for the EECBG. The City used this program previously and staff was pleased with the results.

### **Budget Impact:**

*"In God We Trust"*

The RDA Board has previously authorized \$425,000 from the 2011 RDA bond proceeds to replace streetlights in the RDA project area. If we are awarded this grant, that \$425,000 could be used to implement other bond projects.

This project will produce annual general fund savings of approximately \$29,554 in reduced electricity costs. There is also the potential to save approximately \$8,638 annually in maintenance costs if the City is able to reduce its labor.

**Recommendation:**

Staff recommends that City Council approve Resolution 2012-02, which authorizes the City of Lemoore to apply for the EECBG and authorizes the City Manager to sign the application.