

RESOLUTION NO. 4435

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SOLEDAD
AUTHORIZING THE CITY MANAGER TO APPLY FOR THE ENERGY EFFICIENCY
AND CONSERVATION BLOCK GRANT (EECBG) FUNDING THROUGH THE
CALIFORNIA ENERGY COMMISSION**

WHEREAS, the City of Soledad recognizes that it is in the interest of regional, state, and national economy to stimulate the economy; create and retain jobs; reduce fossil fuel emissions, and reduce total energy usage and improve energy efficiency within our jurisdiction; and

WHEREAS, Energy Efficiency and Conservation Block Grant (EECBG) funds are available through the California Energy Commission's EECBG Program for grants to eligible local governments for cost-effective energy efficiency projects; and

WHEREAS, the City of Soledad is proposing to implement the energy efficiency project/s described in Exhibit A in order to qualify for EECBG funds from the California Energy Commissions; and

WHEREAS, the City of Soledad has considered the application of the California Environmental Quality Act (CEQA) to the approval of the energy efficiency project/s described in Exhibit A.

NOW, THEREFORE, BE IT HEREBY RESOLVED, that the City Council of the City of Soledad;

- Section 1.** Authorizes the submittal of the application by the City Manager to the California Energy Commission's EECBG Program for funds to execute the proposed project described in Exhibit A; and
- Section 2.** In compliance with CEQA finds that the approval of the energy efficiency project described and attached hereto and made a part thereof as "Exhibit A" is a "project" under CEQA that is exempt under 15301, because it involves the operation, repair, maintenance, or minor alteration of existing public structures, facilities, or mechanical equipment, involving negligible or no expansion of use beyond that currently existing; and
- Section 3.** If recommended for funding by the California Energy Commission, the City Council of the City of Soledad authorizes the City of Soledad to accept a grant award up to the amount of this application for \$154,426; and
- Section 4.** That the City Manager acting for the City of Soledad is hereby authorized and empowered to execute in the name of the City of Soledad, all necessary contracts and agreements, and amendments hereto, to implement and carry out the purposes specified in the application.

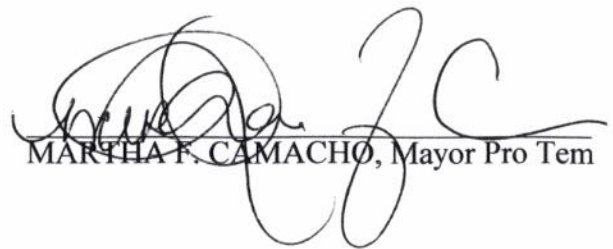
PASSED AND ADOPTED by the City Council of the City of Soledad at a regular meeting duly held on the 4th day of November 2009 by the following vote:

AYES, and in favor thereof, Councilmembers: Richard J. Perez, Patricia Stephens, and Mayor Pro Tem Martha F. Camacho

NOES, Councilmembers: None

ABSTAIN, Councilmembers: None

ABSENT, Councilmembers: Juan Saavedra and Mayor Richard V. Ortiz



MARTHA F. CAMACHO, Mayor Pro Tem

ATTEST:



ADELA P. GONZALEZ, City Clerk

EXHIBIT 'A'

PROPOSED PROJECT DESCRIPTION FOR CALIFORNIA ENERGY COMMISSION'S ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) PROGRAM

Street Light Replacement

Existing 200 watt high pressure sodium cobra-head street light fixtures will be replaced with 120 watt induction cobra-head fixtures on a one for one basis.

In a typical year, the existing high pressure sodium (HPS) system, controlled by photocells, will be "on" for 4,380 hours annually. The 200 watt high pressure sodium (HPS) fixture consumes a system wattage of 245 watts when the ballast is taken into account, or .245 kW.

Therefore, this 200 watt high pressure sodium (HPS) fixture will consume 1073.1 kWh in a typical year.

By comparison, the 120 watt induction cobra-head fixtures will consume 120 watts or .120 kW.

This induction fixture, based on the same hours of operation, will consume 525.6 kWh in a typical year.

The induction fixture will save 547.5 kWh annually.

Other advantages of induction technology vs. high pressure sodium:

- Average rated life: Induction has an average rated life of 100,000 hours vs. 24,000 hours for high pressure sodium (HPS). Induction will significantly reduce the maintenance burden over the life of the system.
- Color Rendering Index: Induction is a "white light source" with a color rendering index (CRI) rating of 90 on a scale of 1 – 100. By comparison, high pressure sodium (HPS) has a color rendering index (CRI) of 22.
- Instant on light source: Induction is an instant on light source and high pressure sodium (HPS) has a warm up time of 10-15 minutes.