



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Public Benefits Program – City of Lodi Energy Efficiency & Improvements Project (\$630,000)

MEETING DATE: March 1, 2000

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve a Public Benefits Program grant, not to exceed \$630,000, for a series of energy efficiency and improvement projects at city-owned and operated facilities; and authorize the City Manager to execute an agreement with Energy Masters International, Inc., to implement the City of Lodi Energy Efficiency & Improvements Project.

BACKGROUND INFORMATION: In May of 1999, the City Council authorized a citywide energy assessment analysis of designated city owned- and operated facilities. The assessment, conducted by the City of Lodi Electric Utility and its energy services partner, Energy Masters International, was completed in late 1999. The assessment outlines a number of energy conservation and energy improvement measures/projects for implementation. The project proposed at this juncture (not to exceed \$630,000), incorporates a variety of city structures, facilities and recreational sites (listed below), that are eligible for grant dollars as identified by the City of Lodi Public Benefits Program- municipal project category. These construction projects include:

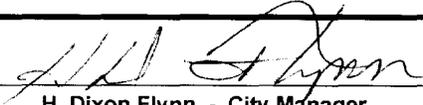
- Fire Station Number 3- internal lighting retrofit;
- White Slough Wastewater Treatment Plant- internal lighting retrofit, installation of two (2) highly efficient heat pumps, and the installation of programmable thermostats;
- Hutchins Street Square- lighting panel control improvements (as part of the H.S.S. energy management system), and heating/air conditioning improvements in Kirst Hall;
- Parks & Recreation Administration/Office- internal lighting retrofit;
- Parks & Recreation Athletic/Event Fields- lighting retrofit for: Armory Park, Softball Complex, Zupo Field, Grape Bowl, Kofu Park, Blakely Park, Emerson Park, Hale Park, Lawrence Park, Legion Park, Lodi Lake, Salas Park, and Vinewood Park.

For all internal lighting retrofits, state-of-the-art, highly efficient fluorescent lighting and controls will be installed (T-8 and compact fluorescent lamping where appropriate, electronic ballasts, motion sensors, mirrored reflectors) to replace inefficient and aging equipment. Energy savings for these aforementioned lighting retrofits will be in excess of 15 percent annually per location.

For the external lighting retrofits (athletic and event fields), removal of existing, inefficient lighting applications will be completed, with installation of new, metal halide, highly efficient lighting and related components. This particular retrofit project will increase foot candle light on all fields in the project, which could also viewed as an improved safety measure for patrons utilizing those identified facilities.

The proposed Public Benefits Program expenditures bring municipal category expenditures current through FY 1999-2000 (based on Public Benefit Program allocation of funds previously recommended to Council).

APPROVED: _____


H. Dixon Flynn - City Manager



CITY OF LODI

COUNCIL COMMUNICATION

The City of Lodi Electric Utility, in conjunction with Parks & Recreation, Public Works, Hutchins Street Square, and the Fire Department, have thoroughly reviewed the various energy conservation and improvement measures, and respectfully recommend approval of these municipal projects as qualifying components of the City of Lodi Public Benefits Program.

FUNDING: 164605 – Public Benefits Program Fund (Category: Demand-side Management)

Funding Available: Vicky McAthie
Vicky McAthie, Finance Director

Alan N. Vallow
Alan N. Vallow
Electric Utility Director

PREPARED BY: Rob Lechner, Manager of Customer Programs

ANV/RL/1st

- C: City Attorney
- Fire Chief
- Parks & Recreation, Director
- Public Works, Director
- Hutchins Street Square, Director

APPROVED: _____
H. Dixon Flynn - City Manager

RESOLUTION NO. 2000-33

A RESOLUTION OF THE LODI CITY COUNCIL APPROVING A PUBLIC BENEFITS PROGRAM GRANT FOR A SERIES OF ENERGY EFFICIENCY AND IMPROVEMENT PROJECTS AT CITY-OWNED AND OPERATED FACILITIES, AND AUTHORIZE THE CITY MANAGER TO EXECUTE AGREEMENT WITH ENERGY MASTERS INTERNATIONAL, INC., TO IMPLEMENT THE PROJECTS

WHEREAS, the State has mandated that beginning January 1, 1998, the City of Lodi is obligated to fund various programs through a Public Benefits Charge (PBC) based on a historical electric revenue requirement; and

WHEREAS, the requirement amounts to approximately \$1M per year that must be dedicated to qualifying programs such as energy efficiency. A further stipulation is that these efforts must be done on the customer's side of the meter in order to qualify; and

WHEREAS, the City of Lodi's Public Benefits Program is comprised of four segments or customer groups: commercial/industrial, residential, community/non-profit, and municipal; and

WHEREAS, this request for a Public Benefits grant is specifically designated under the municipal category; and

WHEREAS, in an effort to clearly identify existing electric energy consumption at various City-owned and operated structures and facilities, the City embarked upon a highly detailed energy assessment, commonly referred to as a "Comprehensive Engineered Analysis"; and

WHEREAS, the Electric Utility Department recommends approval of this funding request as a qualifying component under the City of Lodi's Public Benefits Program; and

WHEREAS, the Electric Utility Department recommends that the City provide a Public Benefits Program Grant in an amount not to exceed \$630,000.00 for a series of energy efficiency and improvement projects at City-owned and operated facilities, and further recommends authorizing the City Manager to execute agreement with Energy Masters International, Inc., to implement the projects as shown as follows:

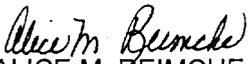
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BE IT RESOLVED, that the Lodi City Council hereby approves a Public Benefits Program Grant in an amount not to exceed \$630,000.00, for a series of energy efficiency and improvement projects at City-owned and operated facilities, and further authorizes the City Manager to execute agreement with Energy Masters International, Inc., to implement the projects referenced above.

Dated: March 1, 2000

I hereby certify that Resolution No. 2000-33 was passed and adopted by the Lodi City Council in a regular meeting held March 1, 2000 by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Land, Nakanishi and Mann (Mayor)
NOES: COUNCIL MEMBERS – None
ABSENT: COUNCIL MEMBERS – None
ABSTAIN: COUNCIL MEMBERS – Pennino


ALICE M. REIMCHE
City Clerk