

# CITY OF LODI

# COUNCIL COMMUNICATION

AGENDA TITLE: Specifications and Advertisements for Bids for Power Transformers for the 230/60kV Interconnection Project

MEETING DATE: March 18, 1998

SUBMITTED BY: Electric Utility Director

**RECOMMENDED ACTION:** That the City Council approve the specifications and authorize the advertisement for bids for two (2) 90 MVA and one (1) 12 MVA Transformers for the Electric Utility's 230/60kV Interconnection Project.

**BACKGROUND:** Over the last few years, it has been established through system studies and experience that the City's power source from PG&E's Lockeford Substation/230kV system is critically deficient. Various studies by Northern California Power Agency (NCPA), Pacific Gas & Electric (PG&E) and Western Area Power Administration (Western) have been conducted indicating the shortfall with our present power sources.

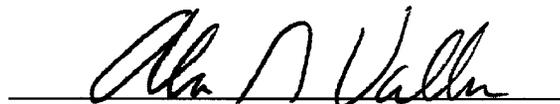
The studies show that significant electric system enhancements will be realized by developing a second source of power from the West. These include improved reliability, power quality and insures competitive market access. This project is cost effective compared to the alternatives and insures a reliable source of energy for the future. On January 5, 1998, the 230/60kV Interconnection Project Preliminary Engineering Report was completed. This report established a detailed work plan and construction schedule. At the January 21, 1998 council meeting, the City Manager was authorized to enter into a professional services contract with Power Engineers, Inc. to provide design, engineering and equipment specification services.

Due to the long lead time associated with purchasing power transformers (40 - 55 weeks), it is recommended that the transformer specifications be approved and that Council authorize obtaining bids to stay within the project schedule. Bid opening is set for 11:00 AM on Wednesday, April 15, 1998.

**FUNDING:** \$2,500,000.00 was appropriated for this project in the NCPA Multiple Capital Facilities - Lodi Project financing. Funds are being held at NCPA.

Prepared by: Mel Grandi, Manager Electric Services

**Note: The plans and specifications are available for review in the Electric Utility Department.**



Alan N. Vallow  
Electric Utility Director

ANV/MG/lst

c: City Attorney

Approved \_\_\_\_\_



H. Dixon Flynn  
City Manager