



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Adopt resolution authorizing the procurement of remote terminal unit (RTU) and accessories, from Geo Honn Company, Inc. of Vacaville, CA for the McLane Substation (Not to exceed \$21,000) (EUD)

MEETING DATE: July 18, 2007

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: Adopt a resolution authorizing the procurement of remote terminal unit (RTU) and accessories, from Geo Honn Company, Inc. of Vacaville, CA for McLane Substation.

BACKGROUND INFORMATION: The RTU is a critical component for the safe and reliable operation of an unmanned power substation like the McLane Substation. The RTU is used to monitor the operating status power equipment and also used to control power circuit breakers and load tap changers. The existing RTU at McLane Substation was manufactured by Landis & Gyr. It is no longer supported by Siemens and components are difficult to find.

In the past months of operation, EUD has experienced intermittent problems with the RTU prompting calls to substation personnel to put it back into operation. Problems include communication failure, no meter indications, regular failure alarm signals, etc.

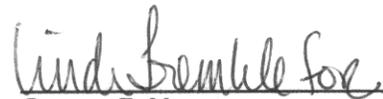
The proposed replacement RTU is a Siemens Model TG5700 complete with Station Manager 2 components and accessories. It will be compatible with existing Supervisory Control and Data Acquisition (SCADA) System. The RTU will be purchased from Geo Honn Company, Inc. of Vacaville, CA. It is the same company that successfully bid for the 15kV Switchgear and RTU for the Killelea Substation Rehabilitation Project.

For purposes of maintaining reliable and safe operation, staff recommends City Council approval for the procurement of the RTU from sole source provider Geo Honn Company of Vacaville, CA.

FISCAL IMPACT: The projected cost is not to exceed \$21,000.

FUNDING AVAILABLE: Included in FY 2007-08 Budget in Account No. 161651.

for 
Kirk Evans, Budget Manager


George F. Morrow
Electric Utility Director

PREPARED BY: Demy Bucaneg, Jr., P.E., Manager, Engineering & Operations
GFM/DB/lst

APPROVED: 
Blair King, City Manager

RESOLUTION NO. 2007-_____

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING
THE PURCHASE OF A REMOTE TERMINAL UNIT (RTU) AND
ACCESSORIES FOR MCLANE SUBSTATION

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WHEREAS, Lodi Municipal Code §3.20.070 authorizes dispensing with bids for purchases of supplies, services, or equipment when it is in the best interest of the City to do so; and

WHEREAS, the RTU is a critical component for the safe and reliable operation of an unmanned power substation like the McLane Substation, and the RTU is used to monitor the operating status power equipment and also used to control power circuit breakers and load tap changers; and

WHEREAS, the existing RTU at McLane Substation was manufactured by Landis & Gyr, and is no longer supported by Siemens and components are difficult to find.

WHEREAS, in past months, the EUD has experienced intermittent problems with the RTU prompting calls to substation personnel to put it back into operation, communication failures, no meter indications, and regular failure alarm signals, etc.; and

WHEREAS, the proposed replacement RTU is a Siemens Model TG5700 complete with Station Manager 2 components and accessories which will be compatible with existing Supervisory Control and Data Acquisition (SCADA) System; and

WHEREAS, staff recommends that the RTU be purchased sole source from Geo Honn Company, Inc. of Vacaville, California, which is the same company that successfully bid for the 15kV Switchgear and RTU for the Killelea Substation Rehabilitation Project.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby approve the purchase of a remote terminal unit and accessories for the McLane Substation from Geo Honn Company, Inc., of Vacaville, California, in an amount not to exceed \$21,000.00.

Dated: July 18, 2007

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I hereby certify that Resolution No. 2007-_____ was passed and adopted by the City Council of the City of Lodi in a regular meeting held July 18, 2007, by the following vote:

- AYES: COUNCIL MEMBERS –
- NOES: COUNCIL MEMBERS –
- ABSENT: COUNCIL MEMBERS –
- ABSTAIN: COUNCIL MEMBERS –

RANDI JOHL
City Clerk