



**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

*Kirk Evans*  
Kirk Evans, Budget Manager

*George F. Morrow*  
George F. Morrow  
Electric Utility Director

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

**APPROVED:** *Blair King*  
Blair King, City Manager

RESOLUTION NO. 2007-124

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING  
THE PURCHASE OF A REMOTE TERMINAL UNIT 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 remote terminal unit (RTU) is a critical component for the safe and reliable operation of an unmanned power substation, like the McLane Substation, and is used to monitor the operating status power equipment and 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; and

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

WHEREAS, the proposed replacement RTU is a Siemens Model TG5700 complete with Station Manager 2 components and accessories that are compatible with the existing Supervisory Control and Data Acquisition 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 an RTU 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. 2007-124 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 – Hansen, Katzakian, Mounce, and Mayor Johnson  
NOES: COUNCIL MEMBERS – None  
ABSENT: COUNCIL MEMBERS – Hitchcock  
ABSTAIN: COUNCIL MEMBERS – None

  
CANDICE JOHL