



**CITY OF LODI  
COUNCIL COMMUNICATION**

**AGENDA TITLE:** Adopt Resolution Approving Purchase of Hardware and Software from Dell for the Electric Utility's Geographic Information System and MilSoft Utility Solutions Software (\$25,000)

**MEETING DATE:** June 4, 2014

**PREPARED BY:** Electric Utility Director

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**RECOMMENDED ACTION:** Adopt a resolution approving purchase of hardware and software from Dell for the Electric Utility's Geographic Information System and MilSoft Utility Solutions software in an amount not to exceed \$25,000.

**BACKGROUND INFORMATION:** Staff is continuing the multi-phase project with Environmental Systems Research Institute, Inc. (ESRI) for the Electric Utility's (EU) geographical information system (GIS). The existing network server is inadequate to support the hardware and software requirements of GIS. In addition, the MilSoft Utility Solutions software, currently run from a computer, needs to be moved to a server environment in order to fully integrate with GIS and provide adequate cyber security. However, the existing network server does not meet the system requirements of MilSoft.

Information Systems' (IS) staff recommends the purchase of Dell blade servers, which meet the criteria for ESRI and MilSoft applications. The servers are the kind and model that integrate into the City's virtual server environment. The hardware and operating system software is estimated at \$21,990, as reflected in Exhibit A.

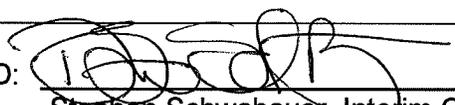
The bidding process may be dispensed per Lodi Municipal Code 3.20.070 Section 3(b) which reads "Bidding shall be dispensed with only when the commodity can be obtained from only one vendor, due to need for branded replacement parts or supplies for equipment of like brand." The City's IS department has a Dell server environment, so only Dell servers are compatible.

Staff hereby recommends the City Council authorize the City Manager to purchase hardware and software from Dell to meet the EU's GIS and MilSoft server needs.

**FISCAL IMPACT:** Implementation of GIS and MilSoft analysis capability will provide cost savings through improved operational efficiency of the electrical system, increased safety, and create a more reliable electric system by mitigating electrical outages.

**FUNDING AVAILABLE:** Included in FY 2013/14 Budget Account No. 160612.7715

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APPROVED:   
Stephen Schwabauer, Interim City Manager

Adopt Resolution Approving Purchase of Hardware and Software from Dell for the Electric Utility's Geographic Information System and MilSoft Utility Solutions Software (\$25,000)

June 4, 2014

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Jordan Ayers  
Deputy City Manager/Internal Services Director

  
for Elizabeth A. Kirkley  
Electric Utility Director

**PREPARED BY:** Hasan Shahriar; Senior Power Engineer

EAK/JM/HS/lst

**EXHIBIT A**

(Cost estimate details)

No	Item	Qty	Price	Ext
1)	Blade Server	2	7032.50	\$14,065.00
2)	Taxes	1	1125.00	\$1,125.00
3)	Windows 2012 OS	2	3400.00	\$6,800.00
4)	SQL Server 2012 <i>*ISD already purchased</i>			\$0.00
				\$21,990.00

RESOLUTION NO. 2014-84

A RESOLUTION OF THE LODI CITY COUNCIL  
APPROVING PURCHASE OF HARDWARE AND  
SOFTWARE FROM DELL FOR THE ELECTRIC  
UTILITY'S GEOGRAPHIC INFORMATION SYSTEM AND  
MILSOFT UTILITY SOLUTIONS SOFTWARE

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WHEREAS, staff is continuing the multi-phase project with Environmental Systems Research Institute, Inc. (ESRI) for the Electric Utility's (EU) geographical information system (GIS); and

WHEREAS, the existing network server is inadequate to support the hardware and software requirements of GIS; and

WHEREAS, in addition, the MilSoft Utility Solutions software, currently run from a computer, needs to be moved to a server environment in order to fully integrate with GIS and provide adequate cyber security; however, the existing network server does not meet the system requirements of MilSoft; and

WHEREAS, Information Systems' (IS) staff recommends the purchase of Dell blade servers, which meet the criteria for ESRI and MilSoft applications; and

WHEREAS, the servers are the kind and model that integrate into the City's virtual server environment; and

WHEREAS, the hardware and operating system software is estimated at \$21,990; and

WHEREAS, the bidding process may be dispensed per Lodi Municipal Code 3.20.070 Section 3(b), which reads "Bidding shall be dispensed with only when the commodity can be obtained from only one vendor, due to need for branded replacement parts or supplies for equipment of like brand," and the City's IS department has a Dell server environment, so only Dell servers are compatible; and

WHEREAS, implementation of GIS and MilSoft analysis capability will provide cost savings through improved operational efficiency of the electrical system, increased safety, and create a more reliable electric system by mitigating electrical outages; and

WHEREAS, funds are included in Fiscal Year 2013/14 Budget Account No. 160612.7715; and

WHEREAS, staff hereby recommends the City Council authorize the City Manager to purchase hardware and software from Dell to meet the EU's GIS and MilSoft server needs.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby authorize the City Manager to purchase hardware and software from Dell for the EU's GIS and MilSoft Utility Solutions software in an amount not to exceed \$25,000.

Dated: June 4, 2014

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I hereby certify that Resolution No. 2014-84 was passed and adopted by the City Council of the City of Lodi in a regular meeting held June 4, 2014, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Johnson, Mounce, Nakanishi,  
and Mayor Katzakian

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



RANDI JOHL-OLSON  
City Clerk