



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: February 19, 2016

ITEM NO: 5
File ID – 16-0486 – C

SUBJECT: **ELECTRIC SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) ANNUAL SOFTWARE MAINTENANCE AND SUPPORT RENEWAL FOR THE PERIOD OF JANUARY 1, 2016 TO NOVEMBER 15, 2016 FOR \$55,820**

ISSUE:

The issue for Board of Public Utilities consideration is approval of annual software maintenance and support for the electric Supervisory Control and Data Acquisition (SCADA) System.

RECOMMENDATION:

That the Board of Public Utilities approve the award of a purchase order to Open Systems International, Inc. (OSI), for electric SCADA Annual Software Maintenance and Support, in the amount of \$55,820.

BACKGROUND:

The electric SCADA system is a key operational tool for the continuous safe and reliable operation of the Riverside electric transmission and distribution grid. SCADA is a sophisticated software based system, used by the system operators, to provide real-time information and remote control of many system functions and devices. Remote control improves response time, and reduces costs over manual operations. Like most major software systems, the manufacturer provides frequent updates related to system performance, cyber security, and functionality. SCADA requires this software maintenance to remain fully operational and in regulatory compliance.

The electric SCADA system is a proprietary product of Open Systems International Inc. (OSI). As such, OSI is the only vendor qualified and in a position to provide maintenance and update of the software. The services offered by OSI are so special and unique that other vendors are unable to provide a comparable service. Therefore, this action is a sole source procurement for software maintenance and support for the existing Electric SCADA System. Under Section 201(c) of City Council Resolution No. 22576, formal competitive procurement is not required if the procurement can only be obtained from a sole source, or timely from a single source. The City's Purchasing Services Manager approved a justification of single/sole source brand request for this software maintenance, and is satisfied that the best price, terms and conditions for the procurement have been negotiated.

Riverside Public Utilities (RPU) negotiated with OSI to provide software maintenance on the existing Electric SCADA system through November 15, 2016. This action will provide the necessary maintenance until such services prescribed in the existing SCADA System Upgrade Project Agreement take effect on November 16, 2016.

The Purchasing Services Manager concurs that the recommended actions comply with the City of Riverside's Purchasing Resolution No. 22576.

FISCAL IMPACT:

Funds are approved and budgeted for this Electric SCADA Annual Software Maintenance and Support Renewal expenditure in the amount of \$55,820. Sufficient funds are available in Public Utilities' Electric Operations Account No. 6100000-421000.

Prepared by: Pat Hohl, Public Utilities Assistant General Manager/Energy Delivery

Approved by: Girish Balachandran, Public Utilities General Manager

Approved by: John A. Russo, City Manager

Approved as to form: Gary G. Geuss, City Attorney

Certifies availability
of funds: Laura Chavez-Nomura, Public Utilities Assistant General Manager/Finance :

Attachment: Approved Justification of Single Source