



AGREEMENTS FOR SOFTWARE INTEGRATION SERVICES WITH SYSTEMS AND SOFTWARE, INC.

Riverside Public Utilities

Board of Public Utilities
April 22, 2019

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BACKGROUND

1. On January 28, 2019, the Board of Public Utilities approved the Advanced Metering Program (Program) inclusive of funds for system integration services in Fiscal Year 2018-19.
2. In order to fully implement the Program, system integration is required between Riverside Public Utilities' (RPU) existing Customer Information System (CIS) and the new Advanced Meter Infrastructure (AMI) System and Meter Data Management System (MDMS) that were approved as part of the overall Program.
3. RPU's existing CIS, enQuesta, is provided by Systems and Software, Inc. (S&S); the new AMI and MDMS systems will be provided by Tantalus (TUNet) and SmartWorks, respectively.

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ADVANCED METERING INFRASTRUCTURE

AMI is an integrated system of **smart meters**, **communications networks**, and **data management** that enables **two-way communication** between the utility and customers. It provides both utility staff and customers with near **real-time information** about energy usage within our distribution system.

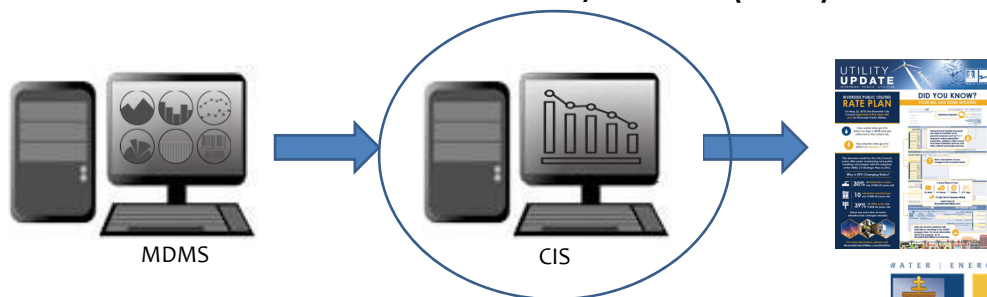
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METER DATA MANAGEMENT SYSTEM

An MDMS **validates, estimates** and **edits** the meter data to ensure the data is **accurately transferred** to the Customer Information System (CIS) for billing.



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CUSTOMER INFORMATION SYSTEM

1. RPU's existing CIS, enQuesta, needs to integrate with the AMI and MDMS for billing
2. enQuesta is provided by Systems & Software, Inc. (S&S)
3. Agreement with S&S is needed to implement the integrations



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ADVANCED METERING PROGRAM

1. AMI

- a. 25,000 electric AMI meters
- b. Communication devices
- c. Hosted software solution
- d. Related equipment (such as meter test devices)



2. MDMS

- a. Hosted software solution
- b. Integration with CIS and other systems**
- c. Related equipment (such as firewalls)

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PROCUREMENT

1. Competitive bidding process was waived for this procurement, per Section 702 (r) of Purchasing Resolution 23256
2. Procurement is for the renewal of maintenance, license(s), support, or a similar need for existing technology systems
3. The Purchasing Manager concurs that the recommended actions comply with Purchasing Resolution No. 23256

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APPROVED PROJECT BUDGET

Category	18/19	19/20	20/21	21/22	22/23	TOTAL
Tantalus AMI System	\$140,000	\$7,127,644				\$7,267,644
SmartWorks MDMS	\$47,918	\$595,732	\$319,697	\$395,665	\$395,665	\$1,754,677
Innovation & Technology Labor	\$50,000	\$230,000	\$20,000	\$0	\$0	\$300,000
3rd Party Integrations (i.e. CIS)	\$100,000	\$275,000	\$0	\$0	\$0	\$375,000
Meter Test, IT and other Equipment	\$150,000	\$100,000	\$0	\$0	\$0	\$250,000
Customer Engagement Campaign	\$150,000	\$150,000	\$0	\$0	\$0	\$300,000
Contingency	\$22,082	\$77,918	\$835,000	\$0	\$0	\$935,000
TOTALS:	\$660,000	\$8,556,294	\$1,174,697	\$395,665	\$395,665	\$11,182,321

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RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve a one-time Software Implementation Services Agreement with Systems and Software, Inc., a Vermont Corporation, for system integration between the enQuesta Customer Information System, the Tantalus Advanced Meter System and the SmartWorks Meter Data Management System for the Advanced Meter Program, for a term of two (2) years, upon execution of the agreement, in the total amount of \$249,805;
2. Approve a Software License Agreement with Systems and Software, Inc., a Vermont Corporation, for a one-time system integration licensing in the total amount of \$55,000;

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RECOMMENDATIONS

3. Approve a Support and Maintenance Agreement with Systems and Software, Inc., a Vermont Corporation, with an annual renewal date of January 1st, in the amount of \$17,500 per year; and
4. Authorize the City Manager, or his designee, to execute the agreements, including making minor non-substantive changes, and to sign all documents and instruments necessary to complete the transactions.

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