

CYBER SECURITY UPGRADE PROJECT AT THE RIVERSIDE ENERGY RESOURCE CENTER AND SPRINGS GENERATING STATION

Riverside Public Utilities

Board of Public Utilities
March 25, 2019

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BACKGROUND

1. Cyber Security Assessment
 - a. Conducted by Securicon, LLC in March 2016
 - b. RERC and Springs SCADA network
 - c. External and internal penetration test
 - d. SCADA network crucial to reliable plant operations
2. External Penetration Test: Passed
3. Internal Penetration Test: Recommendations
 - a. Solidify security from unauthorized users inside the SCADA network

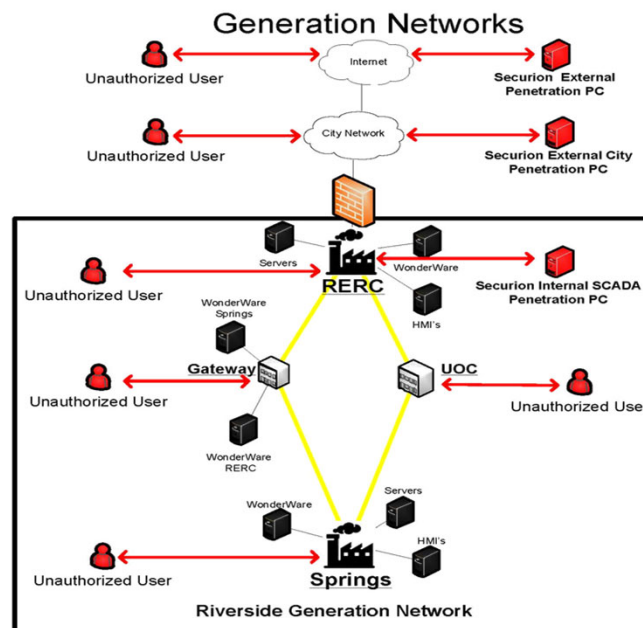
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BACKGROUND

4. Key Recommendation: Replace Old Internal Devices
 - a. Most devices reached end of useful life
 - b. Original equipment in use for more than 10 years
5. RPU Generation
 - a. Purchase parts
 - b. Staff to perform work



DISCUSSION

1. Insight Public Sector Inc.
 - a. U.S. Communities Cooperative Agreement
 - b. Contacted to provide proposal
 - i. Components
 - ii. Servers
 - iii. Software
 - c. Proposal pricing consistent with Agreement

RECOMMENDATIONS

That the Board of Public Utilities:

1. Approve the issuance of a purchase order with Insight Public Sector of Irvine, California in the amount of \$179,772 pursuant to Purchasing Resolution 23256, Section 702(e); and
2. Approve Work Order No. 1914017 in the amount of \$220,024 for the Cyber Security Upgrade Project at the Riverside Energy Resource Center and Springs Generating Station.