



County of Los Alamos

Council Meeting Staff Report

January 30, 2018

Agenda No.: B.
Indexes (Council Goals): BCC - N/A
Presenters: James Alarid
Legislative File: AGR0555-18

Title

Approval of Services Agreement No. AGR18-20 with Intellibind Technologies, LLC in the amount of \$500,000.00, plus Applicable Gross Receipts Tax, for the Purpose of Electric SCADA Comprehensive Patch Management Services

Recommended Action

I move that Council approve Services Agreement No. AGR18-20 with Intellibind Technologies, LLC in the amount of \$500,000.00, plus applicable gross receipts tax, for the purpose of Electric SCADA Comprehensive Patch Management Services.

Utilities Manager Recommendation

The Utilities Manager recommends that Council approve the motion as presented.

Board, Commission or Committee Recommendation

The Board of Public Utilities recommends that Council approve the motion as presented.

Body

In July of 2016 new cyber security regulations, North American Electric Reliability Corporation Critical Infrastructure Protection Version 5 (CIP-5), were implemented that apply to the operators of electric transmission lines. The Los Alamos Power Pool comprised of DOE/LANL and Los Alamos County share responsibilities in operating "pool assets". LANL/DOE owns approximately 21 miles of transmission line, triggering the CIP-5 regulations, and the DPU owns and operates the electric Supervisory Controls and Data Acquisition (SCADA) system supporting the pool's electric infrastructure. The CIP-5 regulations apply to the DPU SCADA system.

After operating a year under the new regulations it was apparent that the demands of meeting the compliance requirements was beyond the level of staffing available. The task of investigating software upgrades, identifying security related upgrades and applying these upgrades to dozens of devices under the strict regulatory guidelines is referred to as Patching. Our SCADA Technician is consumed by the patching effort and operational SCADA work has been stacking up. These services to have a contractor provide all aspects of the patching will balance the workload. On average the contractor will work two weeks per month on patching the SCADA system. One week offsite and one week on site.

In December 2017 the first regulatory audit was performed for compliance with CIP Version 5. We received 7 findings related to cyber security deficiencies. The nature of the findings were not flagrant, but this did re-emphasize the need for a qualified subject matter expert support to meet compliance with CIP version 5. Intellibind's strength is their experience and depth of qualified personnel supporting electric utilities to meet CIP Version 5 compliance.

Three proposals were received and the County's evaluation team found Intellibind to be the best qualified to provide these services.

Alternatives

There is no alternative to hiring outside services to meet the cyber security requirements imposed by

the recent regulatory requirements and operational requirements .

Fiscal and Staff Impact

The cost of these services will be paid 20% by DPU and 80% by the DOE/LANL as per normal cost sharing under the electric coordination agreement.

Attachments

A - AGR18-20