

AVISTA CORP.
RESPONSE TO REQUEST FOR INFORMATION

JURISDICTION:	WASHINGTON	DATE PREPARED:	04/21/2016
CASE NO.:	UE-160228 & UG-160229	WITNESS:	Heather Rosentrater
REQUESTER:	Public Counsel/Energy Project	RESPONDER:	Vern Malensky/La Bolle
TYPE:	Data Request	DEPT:	State & Federal Regulation
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REQUEST:**RE: Heather L. Rosentrater, Exhibit No. HLR-3 at 29-32.**

What is the cost for the design and implementation of Avista's "cyber security" plan associated with AMI as described in Exhibit No. HLR-3, at pages 29 through 32? In your response, differentiate between the costs associated with cyber security that are embedded with the purchased technologies and those incurred by Avista's management to oversee and implement its cyber security policies and practices.

RESPONSE:

Avista is planning to use the security features that are built into the Itron metering system it has selected for deployment. In addition to its embedded security features, the Itron system leverages the physical security platform provided by its integration with the Cisco infrastructure, which will provide the Neighborhood Area Network to Field Area Network meter backhaul to the Avista data center. Provided below is the initial pricing from Itron to implement the infrastructure management and security features of its metering platform.

- Services - \$1,054,408
 - Itron Interface to 3rd party Secured Network Infrastructure
 - Itron Security Project Manager
- Hardware - \$180,000
 - Itron Connected Grid Network Management System
 - Itron Security Manager
- Software - \$779,176
 - Itron Production Connected Grid Network Management System
- Total - \$2,013,584

The AMI headend systems will be located in a secure network environment referred to as the Secured Command and Control Infrastructure. This network provides the security for Avista's many critical network management platforms, such as Virtual Desktop, Storage, Virtual Servers, Network Management (Op Manager, Cisco IoT/FND and Cisco Prime Infrastructure), and Security Threat Detection, Monitoring, and Management. The estimated cost of \$230,909 for integrating the AMI head end systems in the Secured Command and Control Infrastructure is included in the Avista AMI Cost Workbook (Exhibit No. HLR-3, Appendix A) under the tab labeled "HE C." As described in Avista's response to PC/EP_DR_019, there are no incremental costs associated with the management and oversight of the Company's cyber security policies and practices, which are already established and functioning.