

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 11, 2012

Board Item: V-A-13

**Information Security Advancement -  
Network Access Control System**

Action by Consent

Action

Information

As part of Denver Water’s Information Security Advancement Plan that was shared with the Board at the June 27, 2012 Board Workshop, Network Access Control (NAC) capabilities are needed to ensure any device attempting to connect to the Denver Water business network meets proper security standards prior to being allowed to connect to the Denver Water network. When unknown or new devices (PCs, laptops, tablets, etc.) attempt to connect to the network (either via a wired connection or wirelessly), NAC will do a prescreen of the device to ensure it is up-to-date with the latest anti-virus signatures, appropriate operating systems with required service packs and critical updates. Additionally, NAC will validate the identity of the user and impose other security measures such as routing unknown devices to secured network zones, and restricting network access to devices that are not compliant with standards. NAC will also enable Denver Water to prohibit certain rouge network devices that could compromise network integrity from connecting to the network, such as unsupported routers, switches, and hubs.

Price quotes for the needed NAC hardware & software solution were requested from three vendors, with the following results:

Vendor	NAC Hardware & Software
RTL Networks	\$113,971.68
Global Computer Supply	\$106,293.03
Vectronics	\$108,874.61

Expenses related to NAC are budgeted in the 2012 Information Technology Infrastructure budget (3HK0001). See the attachment for additional NAC hardware and software details.

Recommendation:

It is recommended the Board approve the purchase of a Network Access Control system from Global Computer Supply for an amount not to exceed \$106,293.03.

**Approvals:**



Chris Dermody,  
Director of Information Technology

Respectfully submitted,



James S. Lochhead, CEO/Manager



Patricia L Wells,  
General Counsel

Attachment:

8/31/09  
Revised by Legal 8/31/2009