

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: November 14, 2012

Board Item: V-A-6

Purchase of a Core Network Switch

Action by Consent

Action

Information

Enterprise class networking equipment provides the foundation for Denver Water's IT network infrastructure. Core network switches enable the flow of electronic information between servers and between desktop computers and servers through a fabric of local area network switches, across Denver Water's internetworked facilities.

The purpose of this request is to add a second core network switch and upgrade the supervisor engines in the present core switch at the Westside campus. This will provide greater equipment redundancy and failover capabilities as well as improved network load balancing controls and performance for all Denver Water employees across all facilities.

Price quotes were requested from four Cisco resellers with the following results:

Vendor	Quote
ProTech Systems/HP	\$171,703.00
RTL Networks	\$171,978.61
Vectronics	\$138,914.00
Sanity Solutions	\$195,374.00

These expenses are fully budgeted in the 2012 IT Infrastructure budget under MPC 3HK0001

Recommendation:

It is recommended the Board approve the purchase of a Cisco Catalyst Switch 4500E and the associated components as outlined in the detail quote from Vectronics, for a total amount not to exceed \$138,914.00.

Approvals:

Respectfully submitted,


James S. Lochhead, CEO/Manager



Chris Dermody,
Director of Information Technology