



Council Communication

Office of the City Manager

Date

March 22, 2010

Agenda Item No. 26B
Roll Call No. 10-
Communication No. 10-149
Submitted by: Mike Matthes, Assistant City
Manager and Chief Information Officer

AGENDA HEADING:

Approving purchase of CISCO network components to replace end-of-life equipment and to upgrade current network connections to the Airport and data center. Bid No. V10-070.

SYNOPSIS:

Recommend approval for the purchase of network equipment to replace end-of-life Cisco components from low bidder - Pomeroy IT Solutions, 11105 Aurora Ave, Urbandale, Ia. 50322 (9 bids mailed, 6 received).

FISCAL IMPACT:

Amount: \$402,555.88

Funding Source: FY 2010-11 CIP Budget, IFT990000, BLD060 Capital Improvements/Enhanced City-wide Information System, page 8

ADDITIONAL INFORMATION:

This budgeted expenditure will allow the IT Department to replace end-of-life CISCO routers and to purchase new network switches to move to a 10 gigabyte back bone between the Airport and the Armory.

The City of Des Moines's network backbone is comprised of 20 Cisco Catalyst 6500 series routers deployed across the city in strategic hub locations. These routers are modular devices that have grown in number and complexity. The overall network, and these 20 backbone routers in particular, are critical to the operation of all departments of the City.

The overall utilization of the network is increasing and this upgrade addresses high-bandwidth needs. This upgrade is also driven by server virtualization and server consolidation per the Strategic Plan and by the need to use the Airport as an alternate site for Business Continuity/Disaster Recovery. This technology promises significant long term cost savings as reductions to server hardware costs are realized while reducing power consumption.

PREVIOUS COUNCIL ACTION(S):

Date: February 11, 2008

Roll Call Number: 08-231

Action: Pomeroy IT Solutions for CISCO network equipment for use by the IT Department, \$109,449. (Nine bids mailed, eights received). Moved by Vlassis to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

As with all equipment, switches and routers become outdated over time and need to be replaced. This purchase will allow the city to take advantage of a current rebate program and will reduce the number of future purchases needed to stay current.

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