

Honorable Mayor and Members
Of the City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: Communications & Information Technology – Authorize the purchase of used data network peripheral equipment.

Expenditure: \$43,896.38

RECOMMENDATION

The Information Technology Director recommends that Council authorize a purchase order with Digital Warehouse USA, Inc. of New York City, NY for used data network peripheral equipment to replace obsolete data network peripheral equipment in the amount of \$43,896.38.

Funding

Funding is available in the Data Communications Replacement Fund.

BACKGROUND

The West Annex core network switch has been in service for nearly seven years and is being replaced with an upgraded switch that fulfills the needs of the City's new Telephone and Voicemail System soon to be implemented.

The new West Annex core network switch has different physical compatibility and environmental specifications that require replacing its housing chassis (rack), upgrading its cooling fan capacity, enhancing its power supply to support Power-over-Ethernet (PoE), upgrading its supervisor controller modules, adding 24-port GigaBit connectivity modules, and adding 2 GB of memory.

ANALYSIS

CIT staff proposes to replace the West Annex switch with a nearly identical model from the same basic product line. The replacement switch will include enhanced Power-over-Ethernet (PoE) capabilities and other new performance features. Adding PoE capabilities to the network will insure that future Voice-over-Internet Protocol applications can be supported. The outgoing West Annex switch will be held as an

emergency restoral spare to support the City Hall, West Annex, and Police network switches.

The proposed purchase for the West Annex includes a switch chassis, redundant power supply assembly, redundant supervisory control modules, and a fiber-optic port module. The proposed purchase also includes two upgraded fiber-optic port modules for the existing City Hall switch.

The same data network switch purchased new would cost \$121,575, excluding sales tax and shipping. By purchasing these items used, the City saves \$82,125. Given the ready access to a variety of network equipment often only two to three years old, still eligible for manufacturer warranty coverage, and discounted by as much as 80%, purchasing used equipment is a value to City network operations. Each product proposed for purchase is as technically capable as a new device.

Section 22.3.19 of the City of Torrance Municipal Code states: "Exception; Computer and Networking Hardware and Software Purchases. The provisions of this Article do not apply to contracts for the purchase of computer and networking hardware and software. The purchase of computer and networking hardware and software will be done pursuant to regulations and procedures established by the City Manager."

Request for Quotations were sent to three used Cisco network equipment vendors. The City received the following responses:

Network Hardware Santa Barbara, CA	Digital Warehouse USA New York City, NY	UsedCisco.com Jersey City, NJ
\$44,852.39	\$43,896.38*	Quote incomplete

*Lowest responsible quote

Respectfully submitted,



RICHARD SHIGAKI
Information Technology Director

CONCUR:



LeRoy J. Jackson
City Manager