

Council Meeting of
December 8, 2009

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

Members of the Council:

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

Expenditure: \$21,047.02

RECOMMENDATION

The Information Technology Director recommends that Council authorize the appropriation of funds and a purchase order with Digital Warehouse of New York, NY for used data network devices in the amount of \$21,047.02.

Funding

Funding is available in the Data Communications Replacement Fund.

BACKGROUND

Staff systematically replaces network infrastructure to keep pace with software application demands on the data network. Staff also replaces network infrastructure that has exceeded its expected service life or lacks necessary bandwidth capabilities.

With the end of the “dot com” era the used equipment market began to offer top-of-the-line network equipment that was only one or two years old. Used equipment purchased from a reputable source is often 30-50% less costly, has not been declared “end-of-life” by its manufacturer, and is still eligible for extended manufacturer warranty and support. Staff first recommended the purchase of used network equipment in 2002 and has saved over \$200,000.

ANALYSIS

Staff proposes to upgrade the City’s data center core network switch to add new T-1 circuit terminations from five branch libraries and five Community Services locations. Adding the circuit terminations directly to the core switch will permit the best

overall network performance and future scalability. The alternative method of purchasing a large, stand-alone network router would not be as cost effective.

The new T-1 circuits were added primarily in preparation for the Telephone & Voicemail Replacement Project. The new circuits will permit the transport of increased computer data traffic and new telephone voice traffic via the same cost effective Wide Area Network (WAN) connection. Consolidation of leased WAN circuits makes it possible to double the network bandwidth at the branch libraries and Community Services locations.

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 Authorized Cisco Fulfillment Partners. The City received the following responses:

Digital Warehouse New York, NY	Network Hardware Santa Barbara, CA	Nexus IS Valencia, CA
*\$21,047.02	\$27,709.89	No Quote

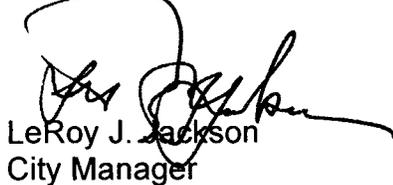
*Lowest responsible quote

Respectfully submitted,



RICHARD SHIGAKI
Information Technology Director

CONCUR:



LeRoy J. Jackson
City Manager