

COUNCIL MEETING
December 19, 2006

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

Members of the City Council:

**SUBJECT: Communications and Information Technology - Purchase 225
replacement mobile radios for various City departments.
Expenditure: \$175,545.24**

RECOMMENDATION

The Information Technology Director recommends that Council:

- (1) Authorize the cooperative purchase of 225 Motorola mobile replacement radios to support various City departments' radio communications;
- (2) Award a purchase order to Motorola, Inc., in care of Advanced Electronics, Inc., of Redondo Beach, CA, in the amount of \$175,545.24 (including sales tax) for the purchase of new mobile radios and communications equipment to replace existing older radios and communications equipment.

Funding

Funding is available in the Radio Communications System Replacement Project (FEAP 436).

BACKGROUND

In July 2004, 173 new mobile radios were purchased for Police and Fire as the first of four phases of the Radio Communications System Replacement Project. Phase 2 is in progress and will replace the fixed radio infrastructure assigned to Police, Fire, and various City departments. Completion is expected in early 2007.

225 mobile radios purchased in 1990 with a life expectancy of ten years are scheduled to be replaced in Phase 3 of the radio replacement plan. The manufacturer of the mobile radios currently in service has discontinued making replacement parts and subsequently dropped support and service for them in 2005.

ANALYSIS

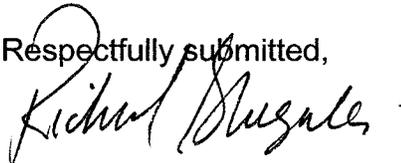
The remaining 225 mobile radios are failing at an unacceptable rate. Radio failures typically require the replacement of minor and inexpensive parts; however, since 2000, radio failures have increased significantly and now require more extensive and expensive replacements of larger sub-assemblies that are no longer available.

The new radios will be in compliance with the Federal Communication Commission's "narrow-band" radio frequency spectrum conversion deadline of 2013. The manufacturer can now offer full technical support and parts guarantees. By purchasing the radios prior to December 26, 2006, Motorola has agreed to include two years of extended warranty for each radio at no additional cost.

As a result of a bid, Los Angeles County recently awarded Motorola, Inc. a contract for these radios. The City of Torrance will have the same pricing and discount as Los Angeles County and will realize substantial savings in the purchase of these items by participating in this cooperative purchase with a larger agency. It is staff's opinion that this falls under the Cooperative Purchase Section 22.3.15 (b) of the Municipal Code:

"For the purposes of this section, the term cooperative governmental purchase program means any combination between the City of Torrance and any other public agency, or public agencies, for the joint purchase of property or services."

Respectfully submitted,



RICHARD SHIGAKI
Information Technology Director

CONCUR:



LeRoy J. Jackson
City Manager