



**TO:** Board of Contracts and Awards  
**FROM:** Jack Kelanic, Director, Information Technology Department *JK*  
Steve Taylor, IT Manager, Information Technology Department  
**COPY:** City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, and  
Chuck Blankenship, Finance/Purchasing  
**SUBJECT:** Motorola digital backup infrastructure equipment and radios  
State of Washington contract 06913 – March 29, 2016  
**DATE:** March 15, 2016

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**SUMMARY:**

The Information Technology Department (ITD) recommends a contract be awarded to Motorola Solutions, Inc., a corporation in the State of Delaware, in the amount of \$359,994 plus applicable sales tax, for the purchase of Motorola radio infrastructure hardware and services for a one-time purchase in 2016.

**STRATEGIC POLICY PRIORITY:**

- Encourage and promote an efficient and effective government, which is fiscally sustainable and guided by engaged residents.

This contract assures ITD provides outstanding stewardship of the natural and built environment while promoting an efficient, effective government which is fiscally sustainable by continuing to improve the value of the City’s public safety radio system and procuring additional radio equipment for Tacoma General Government departments to effectively communicate as they fulfill their missions.

**BACKGROUND:**

The City’s 800 MHz radio system provides radio communications for City General Government departments as well as to law enforcement, fire and other first responder agencies throughout the Tacoma metropolitan area. A major project to upgrade the radio system to full digital operation and implement over 3,300 new digital radios was completed in 2015.

The new digital radio infrastructure equipment purchased under this request provides equipment and services for a fully operational digital backup communications site at the City’s radio and network communications building adjacent to Tacoma Fire Station #4. The equipment will be implemented by the end of June 2016.

**ISSUE:** During normal radio communications operation, the backup site will remain in an “inactive hot standby” mode. If the radio system control equipment located at the prime radio site fails, the new site equipment will automatically move from “inactive” to “active” digital operational status, providing all features of the failed digital system.

**ALTERNATIVES:** Should the prime radio site fail, the alternative to implementing a backup site is to depend on the public wireless network, if available, for communications until the prime radio site is restored. ITD estimates the minimum time necessary to restore the prime radio site in the event of a disruption is up to three weeks.



**COMPETITIVE SOLICITATION:** This equipment and services are being purchased under State of Washington contract 06913.

**CONTRACT HISTORY:** New contract

**SUSTAINABILITY:** Motorola’s Green Building Strategy delivers targeted actions to improve the environment performance of specific products and facilities. Motorola regularly conducts Environmental Health and Safety (EHS) audits at its sites to assess compliance with EHS policy, management, system and legal requirements. Motorola’s global energy team coordinates energy management activities across all Motorola Solutions business units.

**SBE/LEAP COMPLIANCE:** Not applicable.

**RECOMMENDATION:**

The Information Technology Department recommends a contract be awarded to Motorola Solutions, Inc., a corporation in the State of Delaware, in the amount of \$359,994 plus applicable sales tax, for the purchase of Motorola radio infrastructure hardware and services for a one time purchase in 2016.

**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Radio Comm Revolv Fund 5540	ISY-00124-01-03	5644500	\$210,964
3220-10D	CIP-00030-05-04	5644500	\$149,030
<b>TOTAL</b>			<b>\$359,994</b>

\* General Fund: Include Department

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Radio Comm Revolv Fund 5540	822100	4345380	\$210,961
3220-10D	CIP-00030-05-04	6311000	\$149,030
<b>TOTAL</b>			<b>\$359,994</b>



**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET:** There is no fiscal impact to the current biennial budget. Current biennial need of \$359,994, plus applicable sales tax, is available and appropriated as indicated above.

**ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED?** Expenditures and revenues are planned and budgeted.

**IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED.**