



**PURCHASING ITEM
FOR
COUNCIL AGENDA**

1. Agenda Item Number:

26

2. Council Meeting Date:

February 24, 2011

TO: MAYOR & COUNCIL

3. Date Prepared: February 15, 2011

THROUGH: CITY MANAGER

4. Requesting Department: Police

5. SUBJECT: Sole Source approval of purchase of upgrades and programming of existing radios with Motorola Inc. in an amount not to exceed \$129,666.89.

6. RECOMMENDATION: Request sole source approval of purchase of upgrades and programming of existing radios with Motorola Inc. in an amount not to exceed \$129,666.89.

7. HISTORICAL BACKGROUND/DISCUSSION: On October 22, 2009, Council approved expansion of the Regional Wireless Cooperative to allow the City of Chandler to become a member of the regional radio system. The Police Department is in the final stages of installing radio infrastructure equipment for operation on the regional radio system. As part of this upgrade, the Police Department discovered that a portion of the Police Department's portable radios purchased in past years would require upgraded programming and hardware to operate on the new regional radio system. These upgrades need to be completed prior to the expected cut over date of April 4, 2011, so police officers in the field can maintain radio communications. These radios can only be upgraded using vendor specific components without the need to replace each radio. The cost of replacements would be approximately \$450,000. Upgrading existing radios will show a savings of approximately \$320,000.

8. EVALUATION PROCESS: It is requested that Motorola be used as a Sole Source for this purchase for the upgrades and programming of existing radios with Motorola Inc. Communications equipment has been bid by the City of Phoenix, Arizona (Contract No. P-07288-05) and an award was made to Motorola, Inc. (See cost breakdown on attached page).

9. FINANCIAL IMPLICATIONS: Funding for this purchase in the amount of \$129,666.89 will be from Fiscal Year 2010-2011 from account 101-2060-5818(General Funds-Police Communications-Other Expenses).

10. PROPOSED MOTION: Move to approve a sole source purchase for the upgrades and programming of existing radios with Motorola Inc. in an amount not to exceed \$129,666.89.

APPROVALS

11. Requesting Department

Vicki Szczepkowski

Vicki Szczepkowski, Police Communications Manager

12. Department Head

Sherry Kiyler

Sherry Kiyler, Police Chief

13. Procurement Officer

Kristy Garcia

Kristy Garcia, CPPB

14. Acting City Manager

Rich Dlugas

Rich Dlugas

PHX Subscriber Contract Requirements		Radio Type	XTS5000
Q806 - ASTRO Digital Operation H38 - SMARTZONE Systems Operation T6751 - System Enhancement		n/a	\$ -
Q361 - P25 9600 baud trunking	\$ 300.00		\$ 17,400.00
Q498 - ASTRO P25 OTAR	\$ 518.00		\$ 30,044.00
H14 - Enhanced digital ID display	\$ 75.00		\$ 4,350.00
Q159 - XTS UCM hardware encryption			
Encryption Algorithms			
KG1 DES-OFB KG2 DES-XL T6740 - PCMCIA universal crypto upgrade card	\$ 101.88		\$ 305.64
Q629 - AES encryption	\$ 332.50		\$ 18,287.50
Labor			
Installing Flash Upgrades & Programming	\$ 68.00		\$ 4,012.00
		Subtotal	\$ 74,399.14
		Taxes	\$ 6,047.65
		Shipping	\$ 1,202.23
		Total	\$ 81,649.02

		Radio Type	XTS2500
Q574 - 9600 Baud Trunking T6810 - System Enhancement			\$ -
Q869 - multikey	\$ 330.00		\$ 11,220.00
H04AS-Field - OTAR	\$ 313.65		\$ 10,664.10
PCMCIA - UCM upgrade card	\$ 101.88		101.88
Encryption Algorithms			
PMLN4279 - UCM board & AES encryption	\$ 543.10		\$ 18,465.40
Labor			
	\$ 100.00		\$ 3,400.00
		Subtotal	\$ 43,851.38
		Taxes	\$ 3,761.98
		Shipping	\$ 404.51
		Total	\$ 48,017.87

Project Total \$ 129,666.89