



# Council Communication

Office of the City Manager

<b>Date</b>	May 10, 2010
-------------	--------------

<b>Agenda Item No.</b>	<b>38</b>
<b>Roll Call No.</b>	10-729
<b>Communication No.</b>	<b><u>10-257</u></b>
<b>Submitted by:</b>	<b>Judy A. Bradshaw, Chief of Police</b>

## **AGENDA HEADING:**

Approval to purchase narrow band radio equipment associated with Bid V10-065 from State Contract 3807-10 and WSCA contract 02702, Tait North America, 15342 Park Row, Houston, Texas 77084, President Steve Craig, and Motorola Inc. 1309 East Algonquin Road, Schaumburg, Ill 60196, Vice President John P. Molloy.

## **SYNOPSIS:**

In a continuing effort to comply with the Federal Communications Commission Nation Wide Narrow Banding Regulations, The Police Department Radio Services Section provided specifications for the required radio narrow banding equipment and the Purchasing Department issued specifications to six qualified bidders and received five bid proposals.

Due to the amount of equipment and the participation of several City Departments, the bid document was divided into six different sections to simplify the award process. After review of all of the proposals, the Police Department, in conjunction with the City's Procurement Administrator, determined an award for each section. The Police Department and the Purchasing Department would like Council approval of each section recommendation.

## **FISCAL IMPACT:**

Amount: \$362,049.60

Funding Source: CP034, POL990000, MSC005 Recommended Capital Improvement Program page 5, CP034, POL 990000, MSC009 Recommended Capital Improvement Program page 14.

## **ADDITIONAL INFORMATION:**

Federal Communications Commission requirements to reduce UHF bandwidth from 25 KHz to 12.5 KHz is becoming a reality to the City's Public Safety Emergency Radio System. Over several years, the Police Department's Radio Services Section has been upgrading equipment to meet the narrow banding requirement. As part of this effort, the police department issued specifications to obtain a large portion of this equipment for the City's Police, Fire, and Public Works Departments. The Specifications were distributed by the Procurement Administrator to qualified vendors and five proposals were received. Due to the amount of equipment and the participation of several City Departments, the bid document was divided into six different sections to simplify the award process. The City departments involved desire the City Council to approve the following recommendations:

### Section 1: 236 portable radios for the Police Department

After review of the proposals submitted and a comparison was made between the proposals and the State Contract, it was discovered that the lowest price for the portables required were through the State Contract. The cost to the City on State and WSCA Contracts is \$244,118.40. The Police Department and the Procurement Administrator recommend purchasing the equipment from the State Contract 3807-10 and WSCA contract 02702.

### Section 2: 3 Base Stations, 60 Portables, 110 Mobiles, 6 Receivers for the Public Works Department

The Public Works Department and the Police Department recommend rejection of this bid section and desire to rebid the equipment. Rebidding the equipment will allow the Public Works Department to acquire equipment conducive to future operation plans. The radios specified and proposed were appropriate at the time of their conception; however, since the issuance of these specifications new technology in radio GPS features have been instituted by a number of radio manufacturers. There is now a high probability Public Works can obtain GPS features on their radio system that would provide operation needs and cost the City less or no expenditures in leasing from a current carrier.

The Police Department and the Procurement Administrator recommend rejecting this bid section and rebidding this equipment.

### Section 3A: 1 VHF Base Station for the Police Department

The low dollar bidder in this matter is Illowa Communications at \$4,970.40. The Base Station bid does not meet specification. Specifications required a Spurious Response of 100dB and Selectivity at 80dB. The Illowa base station provided a Spurious Response of 85dB and the Selectivity is 75dB. Spurious Response specification indicates the receiver's ability to reject signals for which it is not tuned to receive. Selectivity is the ability to reject adjacent channels. Both of these specifications are critical to a public safety emergency radio system.

The next low dollar bid was submitted by Tait North America at \$5,970. This Base Station meets all specifications. The Police Department and the Procurement Administrator recommend purchasing the Tait equipment.

### Section 3B: 6 UHF Base Stations, 2 UHF Receivers for the Police Department

The low dollar bidder in this matter is Illowa Communications at \$37,702.20. Again the Base Station proposed does not meet specifications. The Spurious Response specified was 100dB. The Illowa Base Station Spurious Response is 85dB.

The next low dollar bid was submitted by Tait North America at \$40,828. This Base Station meets all specifications. The Police Department and the Procurement Administrator recommend purchasing the Tait equipment.

### Section 4: 36 VHF Mobile Radios for the Police Department

These radios are for Police Supervisors to communicate with the Public Works Department and other VHF Systems. Compatibility with the Public Works System is such a high priority, the Police Department would like to reject these bids and rebid this equipment to be compatible with the new Public

Works radios. Rebidding of this equipment will depend upon the status of the new radios acquired by the Public Works Department.

The Police Department and the Procurement Administrator recommend rejecting this bid section and rebidding this equipment.

Section 5: 49 Portables, 31 UHF Mobiles for the Fire Department

The low dollar bid was submitted by Tait North America at \$40,699. The equipment proposed does not meet the following specifications. The Tait radios do not meet the following specifications:

1. The Tait radios are not P25 compliant.
2. The Tait radios do not have 14 Character Channel capacities.
3. The Tait Radios do not have a programmable 3 way function w/channel select knob.
4. The Tait radios do not meet Intermodulation Rejection specifications.
5. The Tait radios do not meet Spurious Response specifications.

The second low dollar bidder is Motorola Inc. whose equipment meets all specifications and is on State Contract. The total cost to the City is \$71,133.20.

The Police Department and the Procurement Administrator recommend purchasing the equipment from the State Contract 3807-10 and WSCA contract 02702.

**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the second floor of City Hall, 400 Robert D. Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).