



City Council Report

Date: July 8, 2015
To: City Council
Through: Alex Deshuk, Manager of Technology and Innovation
From: Edward Quedens, MPA, C.P.M., CPPO, Business Services Director
Matt Bauer, MBA, CPPO, CPPB, CPSM, Procurement Administrator
Subject: Purchase of Two-Way Digital Radios and Accessories for the Transportation Department **(Citywide)**

Purpose and Recommendation

Council is requested to authorize the purchase of Two-Way Digital Radios and Accessories as recommended.

The Transportation and Communications Department, and Purchasing recommend authorizing the purchase using the State of Arizona cooperative contract with B&B Selectcom, Inc. at \$77,680.00, based on estimated requirements.

Background / Discussion

This purchase will provide vehicle, portable and dispatch radios including accessories for the Transportation Department. The radios are needed for staff to communicate daily on work projects, in the field, and during emergency events.

Transportation currently uses the TOPAZ radio network for their wireless communications. The radios in this Council request will operate on the existing Mesa Public Schools (MPS) radio system, moving use off of the TOPAZ network. Council approved an Intergovernmental Agreement with MPS to partner with and expand the use the MPS system to accommodate Mesa non-Public Safety City Departments. The radios for this network and purchase are approximately 1/6th the cost of the equivalent radios for the TOPAZ radio network.

In addition, the MPS network is a commercial-grade system which is anticipated to cost less to maintain than the TOPAZ voice radio network. This is expected to result in an estimated annual cost savings of \$90,000.00 per year for the Transportation Department.

Transportation worked with Communications on identifying the radios needed, and obtained quoted from several State contracted vendors. The vendor with the lowest quote is being recommended for award.

Alternatives

Council may choose not to authorize the purchase and bids will be obtained.

Fiscal Impact

The purchase is funded by the Transportation Department budget. As noted in the Background / Discussion section, the payback on this purchase for the Transportation Department is less than one year.

Coordinated With

Transportation, Communications and Purchasing

QUOTES*

B&B Selectcom, Inc.	\$71,830.00
ProComm	\$75,682.35
Durham Communications	\$81,418.71

*Quoted pricing is before Sales Tax, and includes a manufacturer rebate of \$5,850.00.

PURCHASING INFORMATION

Action: Award

Request for Quotes (from State contract)

Contracting Agency: State of Arizona

Contracting Agency Contract Number: ADSPO13-136886

Mesa Contract Number: 2015299

AWARD RECOMMENDATION

B&B Selectcom, Inc.

Tucson, AZ

Description	
Quantity 3 – Mobile Radios 400-470 MHz (Kenwood NX-820HGK2) at <u>\$437.00/each</u> ; Quantity 127 Portable Radios (Kenwood NX-320K5) 400-470 MHz at <u>\$353.00/each</u> ; plus accessories: (2) Control Station Desk Microphone, (127) UHF Low Profile Antenna, (140) Li-On Battery, (144) Rapid Charger Single Unit Tri-Chem, (8) Rapid Rate 6 Charger, (79) Vehicular Charger Adapter, (62) Speaker Mic, (16) 2.5 mm Earphone Kit, (4) Two-Wire Palm Mic with Earphone, (3) Heavy-Duty Noise Reduction Headsets, (1) 2-Wire Cell-Style Earbud Clip, (12) D-Ring Ear Hanger with PTT and Mic, and (23) C-Ring Hanger with PTT and Mic – Pricing per AZ State Contract ADSPO13-136886	
Base	\$77,680.00
8.1% Sales Tax	<u>\$6,292.08</u>
Total	\$83,972.08*
*The City will receive a manufacturer factory rebate of \$5,850.00 after the order, delivery and invoicing.	