



City Council Report

Date: May 2, 2016
To: City Council
Through: Alex Deshuk, Chief Innovation Officer
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 Environmental Management and Sustainability Department **(Citywide)**

Purpose and Recommendation

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

The Environmental Management and Sustainability, and Communications Departments, and Purchasing recommend authorizing the purchase using the State of Arizona cooperative contract with B&B Selectcom, Inc. at \$84,180.71, based on estimated requirements.

Background / Discussion

This purchase will provide mobile and portable dispatch radios including accessories for the Environmental Management and Sustainability Department. The radios are needed for staff to communicate on work projects, in the field, and during emergency events each day.

In July 2015, the Transportation Department switched from using the TOPAZ radio network for their wireless communications to these two-way radios that operate on the existing Mesa Public Schools (MPS) radio system. Council approved an Intergovernmental Agreement with MPS to partner with and expand MPS's system use to accommodate Mesa non-Public Safety City Departments. The radios for this MPS 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 \$79,000.00 per year for the Environmental Management and Sustainability Department.

The Environmental Management and Sustainability Department worked with Communications on identifying the radios needed, and obtained quotes 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 Environmental Management and Sustainability Department budget. As noted in the Background / Discussion section, the payback on this purchase for the Environmental Management and Sustainability Department is slightly over a year.

Coordinated With

Environmental Management and Sustainability Department, Communications Department, and Purchasing

QUOTES (Quoted pricing includes Sales Tax)

B&B Selectcom, Inc.	\$84,180.71 (Recommended)
ProComm	\$92,786.86
Durham Communications	\$93,804.06

PURCHASING INFORMATION

Action: Award

Request for Quotes (from State contract)

Contracting Agency: State of Arizona

Contracting Agency Contract Number: ADSP013-036881

Mesa Contract Number: 2016212

AWARD RECOMMENDATION

B&B Selectcom, Inc.

Tucson, AZ

Description	
Quantity 85 – Mobile Radios (Kenwood NX-820HGK2) at <u>\$437.00/each</u> ; Quantity 31 – Portable Radios (Kenwood NX-320K5) at <u>\$353.00/each</u> ; plus accessories: (31) UHF Low Profile Antenna at <u>\$10.00/each</u> ; (31) Li-On Battery at <u>\$69.00/each</u> ; (31) Rapid Charger Single Unit Tri-Chem at <u>\$43.00/each</u> ; (1) Rapid Rate 6 Unit at <u>\$441.00/each</u> ; (6) Vehicular Charger Adapter (KVC-4) at <u>\$59.00/each</u> – Base <u>\$52,665.00</u>	
(4) Digital UHF Repeater (Kenwood NXR-800K) at <u>\$3,405.00/each</u> ; (4) RF Repeater Station PA (Kenwood KSGPA23413) at <u>\$1,515.00/each</u> ; (4) Power Supply 40A (Kenwood KSGPS20400) at <u>\$332.00/each</u> ; and (4) Repeating Trunking Function (Kenwood KSGPG91800) at <u>\$1,050.00/each</u> - Base <u>\$25,208.00</u>	
Base Sub-Total	\$77,873.00
8.1% Sales Tax	<u>\$6,307.71</u>
Total	\$84,170.71