



City Council Report

Date: November 18, 2019
To: City Council
Through: Michael Kennington, Chief Financial Officer
From: Edward Quedens, Business Services Director
Matt Bauer, Procurement Administrator
Subject: Purchase of Antenna and Ancillary Equipment (Replacement/Upgrade) for the TOPAZ Regional Wireless Cooperative (TRWC) Radio System as requested by the Information Technology Department **(Citywide)**

Recommendation

Council is requested to approve the award as recommended.

The Information Technology Department and Purchasing recommend authorizing the sole source purchase with Motorola Solutions at \$356,348.16, based on estimated requirements.

Background / Discussion

This purchase will provide equipment and services to replace the antennas and transmission lines at nine of the radio sites in the TOPAZ network and re-tune the system with the new antenna configuration.

The antenna systems for the TOPAZ Public Safety Radio Network are 18 years old and deteriorating. There is a total of 27 antennas that require replacement. Because of the complexity of the TOPAZ radio system, Information Technology recommends retaining the services of the system manufacturer, Motorola Solutions, to complete the installation of the new antennas and re-optimization of the radio system.

Purchase Information

Action: Award

Procurement Type: Cooperative Contract Use

Contract Number: 2020092

Cooperative Contract Number: 12030-RFP

Local Consideration: Policy did not apply to this procurement method

Funding Source: LF0282CAP – Antenna and Transmission Lines Lifecycle Upgrade

Costs are shared between all members of the TRWC:

City of Mesa	68.69%
Town of Gilbert	18.05%
City of Apache Junction	9.80%
Ft. McDowell Yavapai Nation	2.29%
Superstition Fire & Medical District	0.75%
Town of Queen Creek	0.40%

AWARD RECOMMENDATION

Replacement of Antennas and Ancillary Equipment at 9 TOPAZ radio sites per Motorola Solutions Proposal dated September 30, 2019

Equipment	\$143,363.25
Installation, Testing and Optimization of Antenna Systems	\$211,307.23
System Discount	(\$9,561.65)
8.4% Sales Tax (Equipment only)	<u>\$11,239.33</u>
Total	\$356,348.16

Motorola Solutions will invoice the City of Mesa as the Administrative Manager for the TRWC \$178,174.08 on 12/5/2019 and \$178,174.08 on 8/24/2020 (assuming successful installation by that date).