



# City Council Report

**Date:** June 18, 2018  
**To:** City Council  
**Through:** Michael Kennington, Chief Financial Officer  
**From:** Edward Quedens, Business Services Director  
Matt Bauer, Procurement Administrator  
**Subject:** Purchase of Hardware, Software and Services to Enable Intersystem Networking of the TOPAZ Voice Radio Network as requested by the Information Technology Department **(Funded by the TOPAZ Joint Venture Fund) (Citywide)**

## Recommendation

Council is requested to approve the award as recommended.

The Information Technology Department and Purchasing recommend authorizing the purchase using the State of Arizona cooperative contract with Motorola Solutions, Inc. for \$493,582.44; and funding for ongoing maintenance for five years at approximately \$42,000.00 annually for \$205,829.39. The total project amount is \$699,411.83.

## Background

This purchase will enable the Trunked Open Arizona (TOPAZ) voice radio network to interconnect with neighboring Public Safety radio systems (such as the Regional Wireless Cooperative (RWC) in Phoenix and/or Pinal County) or cellular systems (such as the First Responder Network Authority (FirstNet) and/or Verizon) to enhance the coverage area of the TOPAZ Regional Wireless Cooperative (TRWC). Connections made with these enhanced network capabilities will enable the TRWC to utilize other radio systems' coverage without the cost of building out the TOPAZ system to cover the area. This purchase will license one connection to a neighboring system and allow the addition of more connections in the future with the purchase of additional licenses.

The State cooperative contract for Motorola has been competitively bid and provides the lowest possible cooperative pricing. Going out for a formal bid would only delay the project and would not result in any cost savings to the City.

## Purchase Information

Action: Award

Procurement Type: Cooperative Contract Use

Contract Number: 2018214

Contracting Agency/Contract Numbers: State of Arizona/ADSP013-036880

Local Consideration: Policy did not apply to this procurement method

Funding Source: The purchase is funded in the FY 2018/19 TOPAZ Joint Venture Fund.

Mesa's portion of this purchase is approximately \$370,186 plus \$154,924 (over 5 years)

for ongoing maintenance.

### AWARD RECOMMENDATION

Purchase Hardware, Software and Services to Enable Intersystem Networking of the TOPAZ Voice Radio Network per Contract Nos. 2018214, and State of Arizona/ADSPO13-036880

ISSI Automatic Roaming Licensing (1st System)	\$200,000.00
Transcoder Hardware, Software, and Licensing	\$130,000.00
Firewall Hardware	\$6,600.00
Services	\$48,397.14
Services	(\$30,000.00)
Estimated 8.05% Sale Tax	<u>\$24,681.30</u>
Total System	<u>\$379,678.44</u>

30% Project Contingency	<u>\$113,904.00</u>
<b>First-Year Amount</b>	<u><b>\$493,582.44</b></u>

Post-Warranty Support (Ongoing Maintenance)	
Year 1	\$40,110.50
Year 2	\$40,626.67
Year 3	\$41,157.55
Year 4	\$41,705.57
Year 5	<u>\$42,229.10</u>
<b>Total Post-Warranty Support (5 Years)</b>	<u><b>\$205,829.39</b></u>

<b>Total Project Amount Requested</b>	<u><b>\$699,411.83</b></u>
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