



# City Council Report

**Date:** August 24, 2020  
**To:** City Council  
**Through:** Michael Kennington, Deputy City Manager/Chief Financial Officer  
**From:** Edward Quedens, Business Services Director  
Matt Bauer, Procurement Administrator  
**Subject:** Purchase of Very High Frequency (VHF) Simulcast Timing Reference **(Sole Source)** (Lifecycle Upgrade) for the TOPAZ Regional Wireless Cooperative (TRWC) as requested by Department of Information and Technology **(Citywide)**

## Recommendation

Council is requested to approve the award as recommended.

The Department of Information and Technology and Purchasing recommend authorizing the sole source purchase with Smiths Interconnect, Inc., at \$146,372.72, based on estimated requirements.

## Background / Discussion

This project is in support of the Trunked Open Arizona (TOPAZ) Regional Wireless Cooperative (TRWC) and will replace the existing Timing Reference Receivers for the VHF radio system. The purchase will provide equipment to replace the existing thirteen (13) GPS Timing receivers.

The VHF Radio system is used for mission-critical, two-way on scene communications for the Mesa Fire and Medical Department and other TRWC partners. The Timing Reference Receivers are needed to synchronize radio transmissions between multiple radio sites. The existing timing reference receivers are no longer supported by the manufacturer. The TRWC Board of Directors approved this purchase at their September 12, 2019 meeting.

## Purchase Information

Action: Award  
Procurement Type: Sole Source  
Contract Number: 2021018  
Local Consideration: Policy did not apply to this procurement method  
Funding Source: LF0402 VHF Special Assessment – TOPAZ

Mesa Fire and Medical	68.68%
Gilbert Fire	17.16%
Superstition Fire and Medical	10.01%
Queen Creek Fire	3.22%
Rio Verde Fire	.93%

## AWARD RECOMMENDATION

TOPAZ – VHF Simulcast Timing Reference Lifecycle Upgrade per Contract No. 2021018 and Quote 0029063 v1c dated 6/22/2020

Equipment	\$126,620.00
5.6% Sales Tax (on equipment only)	<u>\$7,090.72</u>
Total	\$133,710.072
10% Contingency	<u>*\$12,662.00</u>
<b>Total Amount Requested</b>	<b>**\$146,372.72</b>

\*For incidental items that may be needed during the installation and implementation of the technology equipment.

\*\*To be expensed between FY2021 and FY2022 budgets. Installation will be performed by City of Mesa staff charging charge time to the projects. No outside labor will be used for project implementation.