



# City Council Report

**Date:** January 9, 2023  
**To:** City Council  
**Through:** Michael Kennington, Deputy City Manager/Chief Financial Officer  
**From:** Edward Quedens, Business Services Director  
Kristy Garcia, Procurement Administrator  
**Subject:** Purchase of One, Portable Chemical Identifier (Replacement) for the Mesa Fire and Medical Department **(Sole Source) (Grant funded by the Arizona Department of Homeland Security) (Citywide)**

## Recommendation

Council is requested to approve the award as recommended.

The Mesa Fire and Medical Department and Purchasing recommend awarding the contract to the sole source vendor, FarrWest Environmental Supply, Inc. at \$60,000.

## Background / Discussion

This purchase will provide one, hand-held Raman chemical identifier. The meter uses Raman technology to identify unknown chemicals. MFMD Hazmat Technicians will use this meter to identify any material on the scene of a substance deemed immediate danger to life and health. There are currently no devices that provide comparable advanced analytics and unique features which extends analysis capabilities in the field.

The department's meters are reaching 12 years of service and operation. Due to their age, they are not a reliable detection system and take an extended time to process a chemical.

The City applied for a grant in 2021 to purchase two chemical identifiers for HazMat Teams but was only awarded one, which was purchased in June 2022. In the FY 22/23 grant period, the City applied for the second chemical identifier, and the Arizona Department of Homeland Security Grant has granted funding to purchase this second Raman unit.

Rigaku Analytical Devices, Inc. is the sole USA manufacturer of the Progeny RESQ 1064nm line of handheld Raman chemical detection systems. Farr West is the only authorized distributor and sole source in Arizona for the Raman products.

## Purchase Information

Action: Award  
Procurement Type: Sole Source  
Contract Number: 2023131  
Estimate Number: 14835 (11/8/2022)  
Local Consideration: Policy did not apply to this procurement method  
Funding Source: Arizona Department of Homeland Security Grant (\$60,000)

## AWARD RECOMMENDATION

One – Rigaku Progeny RESQ 1064 Raman Chemical Identifier to include  
Two - Li-Ion Batteries and Charger, Rugged Carrying Case, USB Cable,  
Software Updates for Life, 24/7/36 Reachback, and Standard 24-Month  
Warranty; Progeny RESQ/CQL - Vial Holder, Bottle Adapter, Protective  
Boot Cover, Two - RESQ One-Year Warranty (Extension of Standard  
Warranty and Reachback), Training - Chemical Sampling Class, and 1-Day  
8-Hour Class; per Contract No. 2023131 and Estimate No. 14835  
(11/8/2022)

Total Amount \$60,000.00