



# City Council Report

**Date:** April 15, 2019  
**To:** City Council  
**Through:** Michael Kennington, Chief Financial Officer  
**From:** Edward Quedens, Business Services Director  
Matt Bauer, Procurement Administrator  
**Subject:** Purchase of 36 Mobile Vehicle Routers (Additions), Related Equipment and Services for the Mesa Fire and Medical Department (Funded by the Capital General Fund) **(Citywide)**

## Recommendation

Council is requested to approve the award as recommended.

The Mesa Fire and Medical Department and Purchasing recommend authorizing the purchase using the State of Arizona cooperative contract with Discount Cell, Inc., at \$94,202.66, based on estimated requirements.

## Background / Discussion

Mesa Fire and Medical (MFMD) has been testing both the CradlePoint IBR 900 and IBR 1700 mobile vehicle routers for 4G LTE connectivity with the Mesa Regional Dispatch Center (MRDC) for well over a year with great results. This comes after an issue with Verizon where the 3G/4G LTE service was unavailable for well over 17 hours which caused major issues to dispatch and impacted the City's ability to provide dispatch information to units responding to 911 calls for service. This also shut down MFMD field crews' ability to send and receive information via the electronic patient reporting system used by MFMD.

Either, CradlePoint IBR 900 or CradlePoint 1700, is the recommended, in-vehicle mounted router for every vehicle with a mobile dispatch computer within the MRDC system.

The CradlePoint IBR 900 or IBR 1700 allows MFMD to seamlessly switch between either ATT FirstNet or Verizon, based on which LTE carrier has the best signal strength in the area, making sure crews always stay connected to the MRDC and receive pertinent emergency information in the quickest way possible. This purchase will enable MFMD to outfit the remaining fleet of pumpers, ladders, chief vehicles, and other emergency vehicles, with mobile dispatch computers, with either CradlePoint IBR 900's or IBR 1700's, based on their response model guidelines.

Currently all Superstition and Queen Creek Fire and Medical vehicles, and AMR vehicles have CradlePoint devices in them.

MFMD would like to standardize to the CradlePoint products and has made a few purchases from Discount Cell. Purchasing and MFMD obtained pricing from three cooperative vendors (AT&T, Discount Cell and SHI), as well as sent out to Request for

Quotes (CDW-G and Discount Cell). Discount Cell was the lowest quoted vendor for the CradlePoint products in both cases.

## Purchase Information

Action: Award

Procurement Type: Cooperative Contract Use

Contract Number: 2019178

Contracting Agency/Contract Number: State of Arizona / ADSPO17 - 161924

Local Consideration: Policy did not apply to this procurement method

Protests Received: None

Funding Source: Information Technology Capital Improvement Program budget through the Capital General Fund

### AWARD RECOMMENDATION

36 - CradlePoint IBRI 700-600M Router with LP6 Modem and 5-Year NetCloud Essentials Prime; 36 - CradlePoint LTE Advanced (600 Mbps) modem for AT&T/FirstNet; 36 - CradlePoint 9 in 1 Dome, Black - Low Profile Dome, 9 in 1 Antenna; Provisioning/Tech Support; Custom Configuration Charge; Verizon and FirstNet AT&T SIM Cards; 11 CradlePoint IBR900 for FirstNet with 3-Year NetCloud Essentials; 11 - Low profile Dome, 7 in 1 Antenna; 22 - Renewal CradlePoint NetCloud Essentials for Mobile Routers; per Contract Nos. 2019178, ADSPO17 – 161924 and QO 14958 dated 2/19/2019.

Base	\$89,206.12
Estimated Tax	<u>\$4,995.54</u>
<b>Total</b>	<b>\$94,201.66</b>