



City Council Report

Date: August 31, 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 Fifteen In Vehicle Routers (Additions) for Medical Response Vehicles for the Mesa Fire and Medical Department **(Funded by 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 \$50,000, based on estimated requirements.

Background / Discussion

This purchase of in vehicle routers is for new fire and medical response vehicles. CradlePoint IBR 900 or IBR 1700 will allow Mesa Fire and Medical (MFMD) to seamlessly switch between either ATT FirstNet or Verizon, based on which LTE carrier has the best signal strength in the area. This would ensure crews always stay connected to the Mesa Regional Dispatch Center (MRDC) and receive pertinent emergency information in the quickest way possible.

MFMD has selected to standardize with CradlePoint products. CradlePoint IBR 900 and CradlePoint IBR 1700 have become the in vehicle mounted router for every vehicle with a mobile dispatch computer within the MRDC system. Currently Gilbert Fire, Superstition Fire/Medical's vehicles, Queen Creek Fire/Medical's vehicles, and AMR's vehicles all have CradlePoint devices in them.

Some other benefits from these devices are:

- CradlePoint's ruggedized reliability in the public safety arena against vibrations, shock, and dust;
- Instant and seamless firmware updates and maximizing IT man-hours with cloud-based management;
- Flexibility to receive live streaming video from helmet cams and drones into command vehicles and downloading training videos from command vehicles;
- Wi-Fi capability on vehicles over the ATT FirstNet LTE 4G system with upgraded priority and preemption; and
- Ability for arson investigators to upload photos and video instantly, over a secured network, to share with other arson investigators and the Mesa Police Department.

Discount Cell competitively bid and was awarded a contract with the State of Arizona for the products being requested by MFMD.

Purchase Information

Action: Award

Procurement Type: Cooperative Contract Use

Contract Number: 2021022

Contracting Agency/Contract Number: State of Arizona/CTR045264

Local Consideration: Not applicable as there were no Mesa responses

Protests Received: None

Funding Source: General Fund through the Department of Innovation and Technology's Lifecycle Program