



City Council Report

Date: April 5, 2021
To: City Council
Through: Mike Kennington, Deputy City Manager/Chief Financial Officer
From: Edward Quedens, Business Services Director
Matt Bauer, Procurement Administrator
Subject: Three-Year Term Contract for G2 Fire Station Alerting System Equipment, Maintenance and Services for the Mesa Fire and Medical Department (MFMD) and Department of Innovation and Technology (DoIT) **(Sole Source) (Citywide)**

Purpose and Recommendation

Council is requested to approve the award as recommended.

The Department of Innovation and Technology, Mesa Fire and Medical Department and Purchasing recommend awarding the sole source contract to US Digital Designs (USDD) at \$950,000 annually, based on estimated requirements.

Background / Discussion

This contract will allow for expedited purchasing of USDD G2 alerting systems and services, new equipment, planned lifecycle upgrades, portable devices, and equipment and services to equip new fire station locations.

MFMD uses the Phoenix G2 Fire Station Alerting System. The system is interfaced to the City's Computer Aided Dispatch (CAD) system, receives alerting information from CAD, and transmits fast, reliable, and concise fire and medical emergency alerts to the Mesa fire stations and over radio channels. The City also provides dispatching services using the G2 system to Gilbert Fire, Superstition Fire & Medical, Queen Creek Fire and Rio Verde Fire.

The system has demonstrated reductions in response times, providing citizens of these communities unparalleled protection, saving lives and property. In addition, the Phoenix G2 Alerting standard has been adopted by the Phoenix Fire Department and allows Mesa and Phoenix to enter into Interoperability Agreements / Mutual Aid Agreements to provide better service and protection to these communities. The Dispatch System utilizes the G2 Communications Gateway servers, which includes software interfaces developed by US Digital Designs, Inc.

This agreement will provide equipment, materials, and services on an as-needed basis for projects and maintenance.

Description of Expenditure	Year 1 Estimated Cost 5/1/2021 - 4/30/2022	Year 2 Estimated Cost 5/1/2022 - 4/30/2023	Year 3 Estimated Cost 5/1/2023 - 4/30/2024
Lifecycle G2 Upgrades	\$450,000	\$450,000	\$450,000
Annual Maintenance	\$130,000	\$143,000	\$157,300
FS 222 (New Build)	\$175,000		
Portable Alerting Units	\$90,000	\$90,000	\$90,000
New Ambulance Locations (projected 12 over next few years)	\$50,000	\$50,000	\$50,000
Other New Fire Stations (projected)		\$175,000	\$175,000
	\$895,000	\$908,000	\$922,300

USDD, the manufacturer of the Phoenix G2 Fire Station alerting system, is the only entity able to provide the proprietary equipment as well as develop the software necessary for the system to operate, including interfaces to allow interaction between the system and the CAD used by the City. In addition, no other organization or entity is able or authorized to provide software service and/or support to the system.

Purchase Information

Action: Award

Procurement Type: Sole Source

Contract Number: 2021167

Local Consideration: Policy did not apply to this procurement method

Funding Source: MFMD and DoIT Capital Project Funds and Operational Budgets