


COUNCIL COMMUNICATION

	Number:	19-430	Meeting:	October 14, 2019
	Agenda Item:	43B	Roll Call:	[_____]
	Submitted by:	Dana Wingert, Chief of Police		

AGENDA HEADING:

Recommend approval to purchase 140 replacement Sierra Wireless MG90 mobile gateways for Police Department and Fire Department vehicles and apparatuses from Keltek Inc. (205 High Street, Baxter, IA, Kelly Milligan, President).

SYNOPSIS:

Des Moines Police and Fire Departments currently use mobile gateways in vehicles and apparatus for connectivity to the City network through 4G LTE cellular service. This allows for the seamless and secure transmission of incident dispatch information as well as the uploading of sensitive data such as police reports, Emergency Medical Services (EMS) patient information, and geographic information system (GIS) data. The current mobile gateways were purchased in 2015, as a result of bid V15-072 from Keltek Inc are on an end of life platform.

The replacement mobile gateways will be compatible with the FirstNet network designed specifically for public safety entities. FirstNet, through AT&T, provides a dedicated nationwide 4G LTE network for faster and secure communications with limited traffic. Sierra Wireless and Keltek have offered trade-in allowances and pricing incentives to reduce the overall cost of the purchase by \$49,000.

FISCAL IMPACT:

Amount: \$89,457.90 for the initial purchase of 140 wireless routers with installation equipment. \$14,700 a year in annual maintenance costs. This is a decrease of \$6,300 compared to the budgeted annual maintenance for the current mobile gateways.

Funding Source: 911 Reimbursement (PD222377) Page 199 of the Recommended Operating Budget department Detail for Fiscal Year Ending June 30, 2019.

ADDITIONAL INFORMATION:

- The current wireless gateways used by the Police and Fire Departments are not capable of connecting to the FirstNet network. The new mobile gateways are the next generation of the Sierra Wireless product currently in use. This will allow for a more seamless transition to the new product.

- Sierra Wireless, through their authorized reseller Keltek Inc., has offered aggressive pricing incentives through the end of October with trade-in credits and reduced annual maintenance over a 5-year period. Additionally, the Police and Fire Departments are able to reuse existing equipment such as antennas already connected to vehicles.

PREVIOUS COUNCIL ACTION(S):

Date: April 20, 2015

Roll Call Number: [15-0667](#)

Action: Bids from the following:

- (C) [Keltek](#) (Kelly Milligan, President) for mobile access routers for use in law enforcement vehicles for use by the Police Department, \$451,262.50. (Ten potential bidders, seven received). ([Council Communication No. 15-204](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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