

 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b>	April 20, 2015
	<b>Agenda Item No.</b>	27C
	<b>Roll Call No.</b>	<u>15-0667</u>
	<b>Communication No.</b>	<u>15-204</u>
	<b>Submitted by:</b>	<b>Dana D. Wingert, Chief of Police</b>

**AGENDA HEADING:**

The City of Des Moines Police Department seeks award and approval to purchase ruggedized In-Motion mobile gateway equipment from the local distributor, Keltek Inc. 205 N. High Street, Baxter, Iowa, 50028, Owner and President Kelly Milligan, to outfit Police vehicles, in accordance with bid V15-072 as documented by the Procurement Administrator.

**SYNOPSIS:**

Recommend approval of the purchase of the In-Motion mobile gateway equipment. The In-Motion gateway system increases the connectivity of the mobile data terminals, which are presently deployed in police vehicles, to the City network through a 4G LTE cellular connection. This connectivity will allow for increased speeds of data transmission, allow more types of data to be transmitted, and enable reports to be completed in the vehicle immediately following an incident. The Procurement Administrator for the City of Des Moines solicited bids from 10 qualified vendors and seven (7) were received. Upon review of the submitted proposals the low dollar compliant bid was recommended by the Police Department.

**FISCAL IMPACT:**

Amount: \$451,262.50 total project. The equipment will be delivered in quantities appropriate for timely installations and could extend up to 24 months. The funding for this equipment will include three (3) Fiscal Year (FY) budgets, FY2015, FY2016, and FY2017.

Funding Source: FY2015 Recommended Operating Budget, E911 funding located on page 196

**ADDITIONAL INFORMATION:**

The proposals were solicited by the City of Des Moines Procurement Department. Specifications were sent to 10 qualified vendors and seven (7) vendors responded, six (6) vendors were non-compliant. Keltek Inc. was the only vendor to meet all of the required specifications. Keltek was the only vendor that bid a product that would provide an on-site management console. This on-site management console allows for direct access to the management suite and Global Positioning System information. Additionally, the on-site management console can be used to secure an end-to-end Virtual Private Network between the management console and the Onboard Mobile Gateway installed in police vehicles.

This bid includes the first year of maintenance for all software and hardware proposed. There will be continued maintenance costs to cover all of the software and hardware. The anticipated costs for year

two (2) and forward is approximately \$32,000. The anticipated life expectancy of the equipment is 10 years.

The City currently owns a data radio system allowing data to be sent to and from the mobile data equipment in police vehicles. This system is over seven (7) years old and is no longer capable of expanding to meet the growing need for immediate and diverse data transmissions. The present system will allow text communications at an average speed but will not allow officers to send or receive photos and video. There are areas in the City where the signal for transmission is not available and officers must locate a “hot spot” in order to use the mobile data equipment.

The In-Motion equipment will enable the City to own and employ a more efficient and effective data transmission system. The In-Motion system includes local, on-site system management with dedicated data server, software, and in-car routers. These in-car routers make it possible to increase efficiencies with increased transmission speeds, increased signal coverage for transmission, and allows improved GPS capabilities for increased officer safety.

This system will increase the capacity and speed of mobile data terminals in police vehicles, making the equipment capable of uploading photos, videos, and information expeditiously. This system will allow reports to be completed and transmitted immediately following an incident which will increase details and accuracy. Officers will no longer need to locate a “hot spot” for data transmission with the in-car router. The router employs an air card to increase the ability to transmit data from a broad area of coverage. The air card operates through a cellular service provider to ensure the use of multiple communications towers in the area. The routers will also have a GPS location ability to allow dispatchers to locate a vehicle if an officer is unresponsive to attempted communications.

The In-Motion equipment has the capability to be configured and expanded to meet the rapidly changing needs of law enforcement. This equipment will allow connection to the future public safety broadband LTE network (FirstNet) and prepare for technological advancement of the Computer Aided Dispatch (CAD) system.

**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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