

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	August 6, 2018
	Agenda Item No.	47
	Roll Call No.	<u>18-1362</u>
	Communication No.	<u>18-396</u>
	Submitted by:	Dana Wingert, Chief of Police; John TeKippe, Fire Chief; Jonathan Gano, Public Works Director

AGENDA HEADING:

Accepting proposal of Motorola Solutions, Inc. for public safety radio communications system and authorizing City Manager to negotiate agreement for their provision of same.

SYNOPSIS:

The City has owned and maintained a conventional analog radio system since the early 1970s that has fallen well below today's standards for an emergency communication system. Federal Engineering (FE), a national communications consulting firm, has documented many critical deficiencies such as indoor and outdoor signal coverage, resiliency, interoperability with other agencies, capacity and encryption.

FE helped incorporate the City's current and future needs into detailed specifications contained in Request for Proposal (RFP) V18-049 seeking proposals for a replacement digital radio system which meets "Project 25" national standards for public safety communication. To minimize costs and maximize operational effectiveness, the City sought to join an existing radio system.

A qualified bid from RACOM would have the City join the Central Iowa Regional Public Safety Communications System which was designed for the Polk County Sheriff and over 30 agencies for whom they dispatch.

A second qualified bid from Motorola Solutions, Inc. (500 W. Monroe Street., Suite 4400, Chicago, IL 60661, Greg Brown, CEO) proposed to have the City join the Iowa Statewide Interoperable Communications System (ISICS), which they designed to provide mobile (in car) radio coverage throughout Iowa. Adding "local enhancements" (2-4 sites, capacity, etc.) would be necessary to meet the City's substantial RFP requirements for portable (hand-held) radio coverage in buildings. Local enhancements supplement existing State resources and are made available to all ISICS users. Agencies served by Westcom (Clive, Norwalk, Urbandale and West Des Moines), and Dallas County have made local enhancements. In addition, several counties surrounding Polk are considering making infrastructure investments with ISICS.

With technical guidance from FE, representatives from the Police Department, Fire Department, Public Works Department, and Finance Department evaluated proposals and clarifications, conducted face-to-face interviews and interviewed local users and administrators of both proposers. Motorola scored the highest in six (6) of the seven (7) categories (coverage, capacity, resiliency, first responder safety, governance, and overall effectiveness) with RACOM favored only in proposed cost.

FISCAL IMPACT:

Amount: \$10.4 million or \$12.4 million depending on coverage options. Final costs will not be known until after negotiations **of an agreement** and a detailed design review process with Motorola and FE where many decisions will be made about how to best meet technical and service requirements.

FE recommends including an additional 15% for contingency, unknown costs, and project changes due to the complex nature of the system. This would increase the total cost to \$11.96 million or \$14.26 million depending on coverage level selected.

Funding Source: FY 2018-2019 Recommend Capital Improvement Program, Miscellaneous Improvements, page 13: C051PD99/MS018. It is intended that Automated Traffic Enforcement (ATE) revenues will be used to fund this project.

ADDITIONAL INFORMATION:

- The new Project 25 radio system will provide greater mobile and portable radio coverage, resiliency, capacity, encryption and GPS location. By joining the ISICS system, first responders will be able to interoperate with state, federal and local responders without leaving their home system, which is paramount to their safety.
- ISICS is governed by a board of State and local public safety officials and is recognized in Iowa Code and the Federal Department of Homeland Security as the interoperable solution for the State of Iowa.
- By joining ISICS, the City is will leverage existing sites from the State and participating cities (Westcom) and counties. The City's investment of 2-4 towers depending on detailed design analysis, will enhance emergency communication throughout the metro and State.
- The design, build, testing, final cutover and acceptance is expected to be completed in 2021.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- **City Council approval of agreement after completion of negotiation by City Manager and designated staff with Motorola Solutions, Inc.**

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