

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	November 6, 2017
	Agenda Item No.	28
	Roll Call No.	<u>17-1899</u>
	Communication No.	<u>17-775</u>
	Submitted by:	Dana Wingert, Chief of Police

AGENDA HEADING:

Recommend approval for Phase II of the public safety communications consultant services agreement with Federal Engineering (FE), 10600 Arrowhead Drive, Fairfax, VA 22030, Ronald Bosco, President, regarding a replacement for public safety radio system for City departments.

SYNOPSIS:

Approving Phase II of the public safety communications consultant services agreement with FE for procurement support.

Phase I of the agreement has been completed, which included a comprehensive analysis of current and future needs, deficiencies of the existing systems, recommendations on equipment, performance, coverage, and interoperability. FE found the City’s outdated radio system technology no longer meets the critical needs of today’s emergency responders such as: indoor and outdoor portable radio coverage, capacity to support large events, resiliency, redundancy, encryption, support/maintenance, and interoperability (the ability to speak directly with other communities). FE strongly recommends the City seek proposals from vendors to construct or join a modern digital radio system designed to meet current and future industry standards.

Phase II would entail FE assisting the City project team to develop a Request For Proposal (RFP) containing highly technical specifications, pre-bid meetings, proposal evaluation, and contract negotiation. Given the technical nature of the project, the estimated cost and the competitive marketplace, FE’s assistance is crucial to ensuring the City properly identifies and selects the best overall bidder, then secures the best possible price. FE would accompany the project team in presenting the final recommendation to City Council, prior to beginning Phase III – Implementation.

FISCAL IMPACT:

Amount: \$43,972

Funding Source: FY 2018 Operating Budget, Radio Services Section, page 202.

ADDITIONAL INFORMATION:

- FE’s initial estimates for a complete replacement system range from \$11-17 million. This is far less than prior estimates of \$23-30 million, due to the City’s willingness to consider joining an existing system (rather than building and maintaining the City’s own) and increasingly competitive market conditions.

- FE identified three (3) feasible options to meet the City's needs:
 - Join the Central Iowa Regional Public Safety Communications System (CIRPSCS). This modern RACOM/Harris system is used by Polk County Sheriff's Office and the agencies for whom they dispatch such as Altoona, Ankeny, Johnston, many fire departments, etc.
 - Join Iowa Statewide Interoperable Communications System (ISICS) as an operational (daily use) member. Motorola won the state contract to build a statewide radio system, which will provide mobile coverage to all 99 counties. In central Iowa, the system incorporated the Westcom equipment, which serves West Des Moines, Urbandale, Clive, Waukee and Norwalk; additional users have signed on for daily use including Dallas County, Boone County, Iowa Departments of Public Safety, Natural Resources and Transportation.
 - Build a completely new standalone digital radio system, which would be compatible with the two (2) aforementioned systems. This option appears much more expensive.
- FE engineers delivered a thorough study, over 100 pages, to the project team representing Police, Fire, and Public Works. FE presented to the City Manager and respective department directors. The Finance Department and Debt Review Committee have also reviewed the project for its budgetary impact.

PREVIOUS COUNCIL ACTION(S):

Date: February 6, 2017

Roll Call Number: [17-0199](#)

Action: [Execution](#) of contract with Federal Engineering Inc. (Ronald Bosco, President) to provide public safety communication consulting in determining future radio needs and options, \$83,025. ([Council Communication No. 17-051](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Administration Building, 400 E. Court Avenue Ste.116. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to cityclerk@dmgov.org.