

 <p style="text-align: center;"><b>Council</b> <b>Communication</b> Office of the City Manager</p>	<b>Date</b>	June 8, 2009
	<b>Agenda Item No.</b> <b>50</b> <b>Roll Call No.</b> <b>09-</b> <b>Communication No.</b> <b>09-378</b> <b>Submitted by: Judy A. Bradshaw, Chief of Police</b>	

**AGENDA HEADING:**

Approval of additional work by RCC Consultants Incorporated, 2425 Millcreek Court, Tallahassee Florida, for radio interoperability consulting services for the City and Polk County.

**SYNOPSIS:**

Recommend approval of additional work by RCC Consultants for radio interoperability consulting services for the City of Des Moines and Polk County. Following an RFP process, RCC Consultants, Incorporated was hired to perform system design, development of plans and specifications and vendor selection for a county-wide, public safety interoperable voice radio system. During the initial phase of the project, it was determined that some aspects of the work exceeded the original scope of services. These included additional frequency analysis for channel selection, extensive propagation studies for tower site selection, re-locating existing systems and design of a needed site alarm and monitoring system.

As a result of this, the consulting expenses exceed the purchase order amount. The additional expenses identified by RCC were reviewed by City staff. Negotiations by City staff and RCC identified the items outside the scope of work and the cost of the additional work. The final amount exceeded the City’s allowable increase to the purchase order without Council approval. The Police Department now requests the approval of additional funding to cover the additional costs. This project is being funded by a Federal Community Oriented Policing Services Grant.

**FISCAL IMPACT:**

Amount: \$37,632.50

Funding Source: 75% (28,224.38) 2005 Federal COPS Interoperability Grant, 12.5% (\$4,704.06) Local E911 Surcharge, 12.5% (\$4,704.06) Polk County Sheriff’s Office. Grant proceeds are deposited into CP034, POL990000, BLD 116, page 23 Recommended Capitol Improvement Budget 2009-2010/2014-15, Municipal Improvements.

**ADDITIONAL INFORMATION:**

In September of 2005, the City of Des Moines, Iowa was awarded a Federal Community Oriented Policing Services Radio Interoperability Grant in the amount of \$3 million. An additional match amount of \$1,158,868 was provided by the City and Polk County.

The City's Police, Fire, and Finance Departments, in conjunction with the Polk County Sheriff's Office, created and distributed a Request for Proposal (V08-047) to hire a radio communications interoperability consultant. The consultant services included finalizing a plan and assisting in the hiring process to identify a qualified contractor to construct a County wide interoperability communications system. Upon completing an evaluation process, RCC Consultants was hired to complete the scope of work.

Initial contacts with agencies in and outside the Metropolitan Area revealed a positive response to the project. The initial design phase of the system required a professional radio interoperability consultant. After a Request for Proposal process, RCC Consultant's was hired by the City to assist in the final design of the project and to identify and create a Request for Proposal to hire a communications contractor to build the system. During the design process it was determined that some aspects of the work exceeded the original scope of services of the contract as follows:

1. An additional frequency analyses was required to identify and resolve the clearing of existing co-licenseses that will interfere with voice communications in the interoperability system. This necessitated frequency searches in co/adjacent channel spectrum in the VHF and UHF bands to identify useable frequencies in order to resolve conflicts with neighboring agencies.
2. Additional propagation analysis was needed to identify useable tower sites that can provide an appropriate level of wireless coverage. The scarcity of tower sites made it difficult to find appropriate sites.
3. A number of City ancillary systems needed to be reorganized to free up required frequencies for the interoperability system. Additional work was required of the consultant to engineer the relocation of the City's Solid Waste Department to 800 MHz band. Issues involving the City's Tornado Warning System require it to be relocated, which was not in the RFP. Tower site negotiations and issues related to the design and feasibility testing for microwave connectivity also took more time than anticipated.
4. RCC was required to research and develop a site alarm and monitoring system to be included in the building contractors Request for Proposal. This system will allow remote monitoring of associated tower sites and their functionality during daily operations.

Police, Fire and Polk County staff are in agreement that the above mentioned work did create extra work hours for the consultant and as such, the consultant should be compensated out of the grant funding.

#### **PREVIOUS COUNCIL ACTION(S):**

Date: May 5, 2008

Roll Call Number: 08-795

Action: Service Contract with RCC Consultants Incorporated for assistance with Interoperability Plan associated with 2005 Federal COPS Interoperability Grant. (Council Communication No. 08-246) Moved by Vlassis to adopt. Motion Carried 6-1.

Date: April 7, 2008

Roll Call Number: 08-618

Action: Approved selection of RCC Consultants for consulting services to complete an emergency radio interoperability plan and design associated with the 2005 Federal Community Oriented Policing Services Interoperability Grant. (Council Communication No. 08-176) Moved by Vlassis to adopt. Motion carried 7-0

Date: November 7, 2005

Roll Call Number: 05-2721

Action: Approved acceptance of Department of Justice 2005 Communications Interoperability Grant.  
(Council Communication No. 05-625) Moved by Kiernan to adopt. Motion carried 7-0

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Approval of Phase Two tasks upon completion of Phase One work.

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