

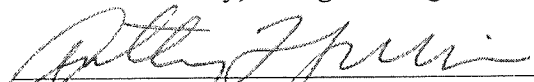
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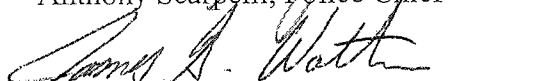
MEMORANDUM

**Purchasing Division
Police Department**

TO: John T. Lockerby, Village Manager

FROM:


Anthony Scarpelli, Police Chief


James Walters, Fire Chief


Michael Aleksic, Purchasing Agent

DATE: June 9, 2017

SUBJECT: Purchase of Replacement Mobile and Portable Radios and Associated Hardware and Services (Agenda Item)

The proposed FY18 Equipment Replacement CIP contains funding for the replacement of all portable and mobile radios in the Fire and Police Departments. This investment is necessary due to the Federal Commerce Commission's (FCC) recent decision to eliminate current public safety radio frequencies on a national scale. The pending conversion to a new STARCOM21 digital radio frequency requires the purchase of new radios, and it should be noted that current Fire and Police Department radios were already nearing the end of their life expectancy. The new radios are expected to last both Departments over a decade, and upon completion the conversion will generate an annual operating savings of approximately \$60,000 for the Village.

Pricing for the radio equipment and hardware recommended for purchase herein was obtained from Motorola Solutions Inc., which was awarded a contract for Motorola replacement radios and peripherals by Central Management Services (CMS) of the State of Illinois. CMS contracts for goods and services on behalf of government entities in the State of Illinois and allows such governments to achieve economies of scale in purchases while satisfying formal bidding requirements. Pricing for the services required to install, program and maintain the equipment was negotiated by Police and Fire staff directly with Motorola. The installation and programming of the equipment will be done by Chicago Communications, Motorola's contracted service provider for the Chicago area.

BUDGET

Police CIP #33 Radio Console Replacement	\$878,000
Police CIP #37 Comm. Center Logging Recording Equipment	\$480,000
Police CIP #56 Mobile Radios	\$224,000
Police CIP #82 Portable Radios	\$581,000
Fire CIP #45 Portable Radios	\$440,000
Fire CIP #46 Mobile Radios	<u>\$198,000</u>
Total:	\$2,801,000

TABULATION

Motorola Solutions Inc., Chicago, IL.	\$2,798,778
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RECOMMENDATION

It is recommended that a contract for the purchase of replacement radios, consoles, recorders, hardware, accessories, installation, programming and training be awarded to Motorola Solutions Inc., the State of Illinois' awarded contractor for Motorola equipment, in the amount of \$2,798,778.

COMMENTS

This purchase will provide a solution that offers IP-based seamless connectivity between Skokie's dispatch operators and field personnel. The MCC7500 Dispatch Console will provide Skokie with scalable, flexible system architecture, sophisticated network management and security, and an easy migration to future capabilities. The new Console system will connect through a wireline interface with the Starcom21 system. All five new console positions and logging equipment will be located at the Skokie Police Department. The consoles will also have encryption capability.

The purchase includes the following equipment and hardware:

- 5 MCC 7500 consoles
- 1 Archiving Interface Server (AIS)
- 1 20 channel NICE IP Logger
- 1 24 channel NRX analog logger for telephone with one playback station
- 8 backup consolettes, combiner and antenna assembly.
- 1 MCN Server
- 140 APX 6000Li Radios
- 58 APX 6500 mobile radios
- 65 APX dual band portable radios
- 44 APX 4500 mobile radios
- 1 KVL Key loader

It should be noted that a portion of the costs associated with the purchase of new dispatch consoles and logging recording equipment will be offset by revenue received by the Village of Lincolnwood through the dispatching services IGA approved by both communities in 2016 (approximately \$310,000 in total.) Further, Skokie and Lincolnwood staffs have coordinated the budgeting and requested approval of new STARCOM radio purchases to ensure a synchronized conversion to the new radio frequencies by both communities, in order to prevent any disruption in service.

Chicago Communications will provide implementation services which includes removal of the old equipment, installation, programming and training of PD and FD staff. The equipment is expected to be delivered in August, 2017.

Cc: Jason Wicha
John Barkhoo
Brian Baker
Robert Reichert