City of Moline 619 16 Street, Moline – 2nd Floor Council Chambers

Committee-of-the-Whole Agenda

6:30 p.m.

Tuesday, May 12, 2015

Mayor's Board Appointments

Mayor's appointment of Kevin Schoonmaker to the Project Management Team to fill the term of John Knaack for a term to run concurrently with the aldermanic seat.

Mayor's reappointment of Kevin Schoonmaker to the Police Pension Board for a full two year term to expire April 30, 2017.

Questions on the Agenda

Agenda Items

- 1. Purchase of Radios for Police Department (Kim Hankins, Chief of Police/Public Safety Director)
- 2. Purchase of Radios for Fire Department (Kim Hankins, Chief of Police/Public Safety
- 3. Other
- 4. Public Comment

Explanation

1. A Resolution authorizing the Chief of Police/Public Safety Director to accept a proposal from RACOM Corporation, Marshalltown, Iowa, for the purchase of 45 digital Project 25 (P25) capable mobile squad radios and associated equipment for the Police Department in the amount of \$197,066. (Kim Hankins, Chief of Police/Public Safety Director)

Explanation: The current analog 800 MHz EDACS mobile squad radios are over 15 years old and in need of replacement. Additionally, the Federal Communications Commission has mandated that all EDACS technology be migrated to digital P25 technology by January 1, 2017. RACOM Corporation, the sole service and equipment provider for the radio system utilized by the City of Moline, has provided a quote to replace the radios and related equipment in the amount of \$197,066. The proposed radios will support digital P25 based technology, and this purchase will keep the department on schedule for being fully P25 compliant by the Fall of 2016. A Radio Equipment Fund was established during the 2013 budget process, and annual budget transfers since then have resulted in sufficient funds to make the purchase.

Staff Recommendation: Approve

Fiscal Impact: Funds are budgeted in the Radio Equipment Fund

Public Notice/Recording: N/A

Goal Impacted: Upgrade City Infrastructure and Facilities

2. A Resolution authorizing the Chief of Police/Public Safety Director to accept a proposal from RACOM Corporation, Marshalltown, Iowa, for the purchase of 20 digital Project 25 (P25) capable mobile squad radios, 5 desktop stations and associated equipment for the Fire Department in the amount of \$129,261.66. (Kim Hankins, Chief of Police/Public Safety Director)

Explanation: The current analog 800 MHz EDACS mobile squad radios are over 15 years old and in need of replacement. Additionally, the Federal Communications Commission has mandated that all EDACS technology be migrated to digital P25 technology by January 1, 2017. RACOM Corporation, the sole service and equipment provider for the radio system utilized by the City of Moline, has provided a quote to replace the radios and related equipment in the amount of \$129,261.66. The proposed radios will support digital P25 based technology, and this purchase will keep the department on schedule for being fully P25 compliant by the Fall of 2016. A Radio Equipment Fund was established during the 2013 budget process, and annual budget transfers since then have resulted in sufficient funds to make the purchase.

Staff Recommendation: Approve

Fiscal Impact: Funds are budgeted in the Radio Equipment Fund

Public Notice/Recording: N/A

Goal Impacted: Upgrade City Infrastructure and Facilities



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Moline, IL 61265
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www.racom.net
sam.fleege@racom.net

	MOLINE POLICE DEPARTMENT		
Address			
	MOLINE		
State & Zip Code	ILLINOIS		
County	ROCK ISLAND		
Phone/FAX			
Contact Name	TREVOR FISK		
Contact E-mail			

P25 CAPABLE MOBILE SQUAD RADIOS

ITEM	QTY	PART NO.	DESCRIPTION	UNIT	EXTENDED
1	45	MAMW-SDMXX	764-870 MHz, XG-75M HALF DUPLEX, UNENCRYPTED	\$ 1,840.00	\$ 82,800.00
	45	MAMW-NPL3R	FEATURE, MAX (1024+) SYSTEMS/GROUPS	\$ -	\$ -
	45	AN-225001-004	ANTENNA, ELEMENT, 700/800 2 Db low profile	\$ 48.00	\$ 2,160.00
	10	MAMW-NCP9P	CONTROL UNIT HHC-731 FOR THE M7300	\$ 548.00	\$ 5,480.00
	45	MW-P25ED	FEATURE PKG, P25 TRUNKING & EDACS FREE	\$ 935.00	\$ 42,075.00
	45	MW-PL4F	FEATURE P25 PHASE 2, TDMA	\$ 200.00	\$ 9,000.00
	35	MAMW-NCP9F	CONTROL UNIT, CH 721, SYSTEM, REMOTE MOUNT	\$ 660.00	\$ 23,100.00
	35	MAMW-NMC7Z	MICROPHONE, STANDARD, CH 721 CONTROL UNIT	\$ 64.00	\$ 2,240.00
	32	MAMW-NZN7R	ACCESSORIES, M7300 REMOTE MOUNT	\$ 288.00	\$ 9,216.00
	45	MW-PRO	FEATURE PROVOICE	\$ 200.00	\$ 9,000.00
	10	MAMW-NZN9G	KIT HHC-731 INSTALLATION ACCESSORIES	\$ 272.00	\$ 2,720.00
	3	MAMW-NZN9H	KIT, MOTORCYCLE ACCYS WITH HEADSET OPTION CABLING, MOUNTS, FILTER, CABLES	\$ 1,412.00	\$ 4,236.00
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	45	A3	SPECIAL PROGRAMMING	\$ 100.00	\$ 4,500.00
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Total Equipment Price					\$ 196.527.00

Terms of Purchase:BILL \$60,000 WITH THE ORDER AND THE REMAINDER WHEN THE RADIOS ARE ALL PROGRAMMED AND DELIVERED TO PUBLIC WORKS FOR INSTALLATION.

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System Description:MOBILE RADIOS FOR MOLINE POLICE SQUADS RADIOS DUAL BAND 700-800MHZ AND ALSO EDACS AND P25 DIGITAL TRUNKING CAPABLE PHASE 1 AND PHASE 2, INCLUDES A NEW DUAL BAND ANTENNA

Proposal Presented By: Sam Fleege	Senior Manager Technical Support	Date: 4-22-2015
Proposal Accepted By:		Date:



1515 46th Avenue Moline, IL 61265 Proposal Prepared for: MOLINE FIRE DEPARTMENT Ph: 309-797-7709 Address City MOLINE Fax: 309-797-0950 State & Zip Code ILLINOIS County ROCK ISLAND www.racom.net Phone/FAX sam.fleege@racom.net Contact Name MIKE MAYNARD Contact E-mail P25 TRUNKING CAPABLE MOBILES & STATIONS ПЕМ ОТУ PART NO DESCRIPTION UNIT EXTENDED 20 MAMW-SDMXX MOBILE, XG-75M 764-870MHZ HALF DUPLEX 1,840.00 \$ 36,800.00 720.00 ANTENNA ELEMENT 700/800MHZ 2 DB GAIN LOW PROFILE AN-225001-004 48.00 \$ 20 MW-P25ED FEATURE PACKAGE P25 TRUNKING & EDACS FREE 935.00 \$ 18,700.00 20 MAMW-NPL3R 20 MW-PL4F FEATURE MAX (1024+) SUSTEM/GROUPS
FEATURE P25 PHASE II, TDMA 200.00 \$ 4.000.00 CONTROL UNIT, CH721 SCAN REMOTE MOUNT
CONTROL UNIT, CH721 SCAN REMOTE MOUNT DUAL MAMW-NCP98 576.00 \$ 8.640.00 11 MAMW-NZN7C 892.00 \$ 9,812.00 MAMW-NMC7 MICROPHONE STANDARD 64.00 5 1,792.00 15 MAMW-NZN7R ACCESSORIES KIT XG-75M REMOTE MOUNT 288.00 \$ 4,320.00 A3 C10804-QNN05 20 SPECIAL PROGRAMMING 2,000.00 REAR AMBULANCE COMPARTMENT HANDSETS 843.00 110-2222-30 FIRECOM M7300 BADIO INTERFACE CABLES FOR 170.63 \$ 1,194.41 CONTROL UNIT, CH721 SYSTEM FRONT MOUNT
MICROPHONE DESK TOP MIC MAMW-NCP9H 632.00 \$ 3,160.00 MAMW-ZN9F 156.00 \$ 780.00 REMOVALS CONTROL STATION REMOVALS 190.00 950.00 INSTALLS NEW CONTROL STATION INSTALLS REUSE DTMF DECODERS FOR STATION ALERTING 1,750.00 8,750.00 AN-025137-010 YAGI ANTENNA 700/800MHZ 6DB GAIN 348.00 1,740.00 COAX LINE, CONNECTORS, SEALANT, TIES, GROUNDING, ETC MISC 560.00 \$ 2,800.00 MAMW-ZN9B REMOTE CONTROLLER, SP721 DIGITAL CAN 1,605.00 \$ 8,025.00 DESKTOP STATION CS-7000 LOCAL/REMOTE
CAN CABLE 250 FT CONTROLLER TO STATION MAHK-NZN8L 2,167.50 \$ 10,837.50 MAMW-ZN9E 513.75 \$ 2,568.75 Total Equipment Price \$ 128,432.66 Installation stallation \$ 128,432.66 Terms of Purchase: Tax Bate Taxes \$ Shipping \$
Total \$ 829.00 129,261.66 System Description: MOLINE FIRE REPLACEMENT MOBILE RADIOS AND CONTROL STATIONS THAT ARE NEEDED TO MIGRATE TO P25 DIGITAL SYSTEM Proposal Presented By: Sam Fleege Senior Manager Technical Support Date: 05-2015

Date: _

Proposal Accepted By: _