



CITY COUNCIL AGENDA ITEM

Date: April 8, 2016

To: Brian Kischnick, City Manager

From: MaryBeth Murz, Purchasing Manager
Tom Darling, Financial Services Director
Gary Mayer, Police Chief

Subject: Standard Purchasing Resolution 2: Sole Bidder Meeting Specifications – Interoperability Repeater – Police Department

History

- The Police Department utilizes the Oakland County CLEMIS OakWIN 700/800Mhz digital trunking radio system for day to day operations. This system is not natively compatible with the state's MPSCS Motorola Trunking system. The OakWIN radios can also transmit on analog and P25 conventional channels.
- Our neighboring Police Departments in Macomb County, State, and Federal departments are utilizing the MPSCS system or other Motorola 700/800Mhz digital trunking systems. These radios can also transmit on analog and P25 conventional channels.
- All public safety radios, regardless of the system, that can transmit on 700/800Mhz analog and P25 conventional frequencies are required to have the national interoperability channels programmed into the radios for the agency to receive grant funds for projects.
- The City of Troy has had VHF radio equipment installed on top of 100 East Big Beaver since the construction of the building in 1981. This equipment is now end of life and needs to be upgraded. The Fire Department was contacted by the owners of the building indicating the radio equipment installed in the penthouse is not to their standards and needs to be cleaned up.
- While the City of Troy doesn't currently own a Tait repeater, the Oakland County Communications Support Team currently operates and maintains four of the same Tait repeaters. This team is managed by an Employee of the City of Troy IT Department and the CST and its members have expertise in programming, maintaining, and operating this type of repeater.
- AMK Services, LLC is one of two authorized dealers of Tait equipment for this area. The other vendor did not respond to the bid.
- This project will upgrade all the equipment installed on top of 100 East Big Beaver and address the concerns of the building owner. The repeater will be programmed to operate on the national interoperability channel "7LAW81". This channel can be accessed by any public safety radio that can transmit on 700/800Mhz P25 convention channels. This will allow radios from different systems to communicate using a common channel during an emergency.
- This project also includes the installation of monitoring equipment that will monitor the transmitter, antenna feed cable, and antenna performance not only for the new repeater, but also four other VHF repeaters used for day to day operations in the City of Troy. In the event of an issue, a text message will be sent alerting technicians of the problems.
- The Troy Police Department can also utilize the repeater in the event of an OakWIN radio system outage. Existing portables and mobile radios used by Police Department can switch to this channel, quickly restoring communications until the OakWIN system is restored.
- *NOTE:* In the event of an OakWIN system outage, the Fire Department switches dispatch communications to the VHF repeater used for Fire Fighter Alerting. Fire ground radio traffic is always conducted on 700Mhz P25 conventional channels.



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Purchasing

The bid was posted on the Michigan Inter-governmental Trade Network (MITN) website; www.mitn.info. On March 3, 2016, a bid opening was conducted as required by City Charter and Code for an Interoperability Repeater for the Police Department. One (1) bid response was received. Below is a detailed summary of potential vendors:

Companies notified via MITN	535
Troy Companies notified via MITN	32
Troy Companies - Active email Notification	32
Troy Companies - Active Free	0
Companies that viewed the bid	28
Troy Companies that viewed the bid	2

***MITN** provides a resourceful online platform to streamline the procurement process, reduce costs, and make it easier and more transparent for vendors to do business with the City of Troy.*

Active MITN members with a current membership and paying annual dues receive automatic electronic notification which allows instant access to Bids, RFPS and Quote opportunities with the City.

Active MITN non-paying members are responsible to monitor and check the MITN website for opportunities to do business with the City.

Inactive MITN member status can occur when a company does not renew their account upon expiration. Inactive members cannot be notified of solicitations or access any bid information.

- The bid summary was analyzed and reviewed in conjunction with the Police Department.
- It is recommended to award the Interoperability Repeater project to the sole bidder meeting all bid specifications; AMK Services, LLC of *Johnstown, OH*. AMK Services, LLC is an authorized dealer of Tait equipment in Michigan.

Financial

Funds are available in the Police Department Capital Fund – Operations & Communications; 401.301.12.325. The Project# is 20160011.

Recommendation

City management recommends awarding a contract to the sole bidder meeting specifications; AMK Services, LLC of *Johnstown, OH* in the amount of \$38,240.00 as per the bid pricing and specifications contained in the original bid tabulation opened March 3, 2016.

VENDOR NAME:	AMK Services, LLC Johnstown, Ohio		
Check #	#2010790037		
Amount	\$1,800.00		

PROPOSAL: *Provide all labor, materials, tools, equipment and supervision required for the furnishing and installing of a NEW 700 MHz P-25 Interoperability Repeater at the City of Troy as per all work herein described and as per all bid specifications.*

Base Bid Price:	\$38,240.00		
CONTACT INFORMATION			
Hours:	8am-5pm M-F		
24 Hour Phone Number:	855.265.1212		
SITE INSPECTION	1/21/2016		
REFERENCES	Y		
PROGRESS PAYMENTS	50% upon delivery 50% upon project completion		
INSURANCE	Y		
SIGNATURE PAGE	Y		
WARRANTY	Per Manufacturer		
EXCEPTIONS	None		
FORMS	Y		

ATTEST:

Ryan Wolf
Susan Reisterer
Enna Bachelor

 MaryBeth Murz,
 Purchasing Manager