



## CITY COUNCIL ACTION REPORT

March 19, 2009

TO: Phillip L. Nelson, City Manager

FROM: Susan A. Leirstein, Purchasing Director  
William S. Nelson, Fire Chief  
Gary G. Mayer, Acting Police Chief

SUBJECT: Standard Purchasing Resolution 4: Oakland County Cooperative Purchasing Agreement – Police & Fire Departments Radio Interoperability Project

### **BACKGROUND**

- As previously corresponded, the CLEMIS (Court and Law Enforcement Management Information Systems) consortium has constructed a new 800 MHz public Safety Radio System for Oakland County called OakWIN. The purpose of this system is to provide countywide interoperable radio communications for all law enforcement, fire, and emergency medical services throughout Oakland County.
- Funding for this project came from a 9-1-1-telephone surcharge and was approved by the Oakland County Board of Commissioners under Miscellaneous Resolution No. 99-279. This project relieved the City of Troy, and other consortium communities, of the financial and operational responsibilities related to constructing and maintaining “stand alone” radio systems. In addition to financing and constructing the system’s infrastructure, the project is providing base stations, as well as mobile and portable radios to consortium public safety agencies. Ancillary equipment, the need for which differs from agency to agency, must be specified and purchased by individual participating agencies.
- The equipment software enhancement requested is operational in nature and necessary to maintain dispatch interoperable communication capabilities with both police and fire departments outside Oakland County and throughout the State of Michigan.
- Oakland County currently has a contract with Advance Wireless Telecom for work and maintenance on the City of Troy’s dispatch consoles.

March 16, 2009

To: Phillip L. Nelson, City Manager  
Re: OC Cooperative Agreement – Radio Interoperability Project

**FINANCIAL CONSIDERATIONS**

- Funds for this equipment enhancement are available through the Police Department Contractual Services Account for Communications, #101.301.13.325.7802.095

**LEGAL CONSIDERATIONS**

- There are no legal considerations associated with this item.

**POLICY CONSIDERATIONS**

- The health and safety of the community will continue to be enhanced. (Outcome Statement #1)

**OPTIONS**

- City management and the Troy Police and Fire departments request approval and authorization to purchase the dispatch radio interoperable equipment from Advanced Wireless Telecom through the Oakland County Cooperative Purchasing Agreement at an estimated cost of \$10,587.00, as detailed on the attached quote dated 3/6/2009.

Information submitted by: Sgt. Donald Ostrowski

G:/Bid Award 08-09 New Format/Award Standard Purchasing Resolution 4 – MPSCS InterfaceProject 03.09.doc



March 6, 2009

City of Troy / Communications  
ATTN; Chief Bill Nelson, Sgt. Don Ostrowski

Sirs,

Regarding the MPSCS interface project, please review the following.

The project shall consist of the following hardware...

3) EFJohnson control station units 30/35 watt 762/870 MHz P25 protocol, conventional, SMARTNET II, Smart Zone, P25 trunking, 512 channels/talkgroups

Unit investment \$ 2,599.00  
Total \$ 7,797.00

3) IDA Tone panel adapter

Unit investment \$ 480.00  
Total \$ 1,440.00

#### **ADDITIONAL/OPTIONAL**

3) Polyphasers \$ 85.00 ea.

1) 19" Rack mount power supply (50 amp peak, 37 amp continuous) \$ 385.00

2) 19" Rack shelf (20" deep, 200 lb. rating) \$ 80.00

## **INSTALLATION/LABOR**

Advanced Wireless Telecom shall run control cables between the T5 and control stations located in same room, reprogram 3 existing line interface cards and update position screens, program remote adapter, mount control station radios on shelves and run jumper lines.

Installation/labor \$ 800.00

## **CONSIDERATIONS**

Customer shall provide programming for control radios via MPSCS, mounting of antennas and understand the limitation of remotely controlling up to 16 talkgroups per control stations (any talkgroup,any zone).

Please contact me for any additional information.

Respectfully submitted,

*Paul Olkowski*

Paul Olkowski  
Mission Critical Sales  
Advanced Wireless Telecom  
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Fax 248.295.2699  
E-mail polkowski@awt911.com

CITY OF TROY  
PURCHASE QUOTATIONS

Quotation Date: 03/04/09		Vendor 1		Vendor 2		Vendor 3		Vendor 4	
Vendor:		Advance Wireless Telecom							
Address:		49716 Maritn Place Dr							
City:		Wixom							
State and Zip:		Michigan 48393							
Phone:		248-295-4600							
Salesman:		Paul Okowski							
No.	Item	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
3	EF Johnson Control Stations	\$2,599.00	\$7,797.00						
3	IDA Tone Panel Adapter	\$450.00	\$1,350.00						
3	Polyphasers	\$85.00	\$255.00						
1	19" Rack Power Supply	\$385.00	\$385.00						
1	Installation Labor	\$800.00	\$800.00						
	(indicate) F.O.B.								
			\$0.00						
	TOTAL		\$10,587.00						

Place an asterisk (\*) by the lowest price quoted overall for each item. Type purchase order(s) using information from quotation form. Attach purchase quotation to completed purchase order.

REASON FOR PURCHASE: Police & Fire Interoperability with the Michigan Public Safety Communication Subscribers

REASON FOR AWARD:    Lowest Price     Sole source     Quality     Service     Best delivery     Best design

DELIVER TO: Sgt. Don Ostrowski

Account Number: 325.7802.095    E.P.O.     Regular P.O.     Confirming P.O.     Number assigned by Purchasing \_\_\_\_\_

Requestor: Sgt. Donald Ostrowski    Approved for Issuance: \_\_\_\_\_