



CITY COUNCIL ACTION REPORT

January 8, 2009

TO: Phillip L. Nelson, City Manager

FROM: Susan A. Leirstein, Purchasing Director
Gert Paraskevin, Information Technology Director
Charles T. Craft, Chief of Police

SUBJECT: Standard Purchasing Resolution 4: Western Tel-Com State Contract - Purchase of Cable Materials and Installation Services - Carport Data Drops

Background

- On April 7, 2008, City Council awarded the construction of police carports to the low bidder, Ross & Barr Inc. of Warren MI.
- Money was allocated in fiscal year 08/09 to finish the project that included network connectivity.
- Police vehicles have two major systems that require network connections. The camera system uploads digital video via wireless access points that are connected to the network. In addition, the digital video recorders can be plugged directly into the network to upload video to the server if the access points are not communicating, or if faster through-put is needed.
- The second system is the mobile data computer (MDC). These PC's need periodic updates and applications installed and at times, totally imaged or re-built. Network connectivity at the carports allows this to be done in the most efficient and effective manner possible.
- The network installed will be a combination of fiber and copper. It is requested that the job be awarded to Western Tel-Com, a State of Michigan contract holder and all prices quoted are based on the master contract.

Financial Considerations

- Funding for this project is available in the Police department communications capital accounts #401.301.10.305.7978.065

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 recommends Troy City Council authorize the purchase of cable materials and installation services from Western Tel-Com through the State of Michigan MiDEAL Program at an estimated cost of \$12,025.00.



Quantity Description HORIZONTAL WIRING
5 4 pr UG Cat 5e

# of Cable Runs								TOTAL COST	
1-24		25-48		49-144		145-336		Labor	Material
Labor	Material	Labor	Material	Labor	Material	Labor	Material	Labor	Material
445.50	239.40							2227.50	1197.00

Quantity Description TERMINATING HARDWARE

- 2 Fiber Patch Panel Loaded
- 1 24 port Cat 5e Patch panel
- 15 Hubbel Weather proof boxes
- 15 Hubbel Weather proof jacks
- 15 Weather proof patch cords
- 15 Standard Patch Cords
- 2 Weather proof 10/100 Switch
- 12 Fiber Connectors

Price for Each Item based on Quantity									
1-24		25-48		49-72		72 & Up			
Labor	Material	Labor	Material	Labor	Material	Labor	Material	Labor	Material
2.00	311.48							82.50	622.96
1.00	128.00								128.00
15.00	28.98							330.00	434.70
15.00	28.98							330.00	434.70
15.00	25.20							82.50	378.00
15.00	11.34							82.50	170.10
2.00	1300.00							165.00	2600.00
24.00	10.08							264.00	120.96

Quantity Description RISER / FIBER CABLE / FIBER SPLICING
400 12 strand MM Outdoor

Quantity Description MISCELLANEOUS

- 1 Hoffman Type 4 Enclosure
- 1 Testing

400	0.38							880.00	152.00
	865.00								865.00
								476.00	
Sub-Total - Labor / Material								4920.00	7103.42

Total Amount of this Estimate \$ 12,023.42