



CITY COUNCIL AGENDA ITEM

Date: August 18, 2015

To: Brian Kischnick, City Manager

From: MaryBeth Murz, Purchasing Manager
 Gert Paraskevin, IT Director
 Gary G. Mayer, Chief of Police
 Elaine Bo, Recreation Director
 Brian Goul, Assistant Recreation Director

Subject: Bid Waiver: Pelco Camera System Upgrade for the Community Center and Troy Family Aquatic Center

History

The Police Department upgraded its video security camera system to the Pelco Endura enterprise camera system, anticipating a city wide expansion and has been utilizing the maintenance services of SimplexGrinnel since 2005 {Resolution #2005-12-557-F10} with the original access control system being installed during the Police and Fire building renovation and addition project.

Due to the complexity of the system and the knowledge that is required and necessary for the total ongoing integration of the integrated security management system; an *ongoing* proprietary service agreement with *SimplexGrinnel of Farmington Hills, MI* to provide materials and labor to maintain the Integrated Security Management System was approved by City Council February 16, 2009; {Resolution #2009-02-047-F-04d}.

Troy City Council waived formal bidding procedures and authorized the City management to utilize the ongoing contract with *SimplexGrinnel of Farmington Hills, MI* an authorized licensed installer in Michigan to purchase and install the Pelco Endura and access control equipment so as to *upgrade* the current Integrated Security Management System ; {Resolution #2015-01-024-J-7}.

Since the completion of the last project, the total City of Troy camera count will be 247, of which 183 will be a part of the new citywide Endura System. This project also provides the compatible equipment, which allows for the continued expansion of the system to remaining buildings with aging independent systems which include both the Community Center and the Aquatic Center.

The goal of this project is to increase the security, safety of the public *and* city staff, and limit liability at the Troy Community Center and Troy Family Aquatic Center. Both facilities have had numerous occasions when issues have occurred that required the police or recreation staff to view videos. At this time, the Community Center and the Aquatic Center systems are no longer working. The upgrade to this system will additionally allow staff to add cameras to areas where video is needed,



CITY COUNCIL AGENDA ITEM

History (continued)

ability to save video for at least a month, and allow the police department the ability to view video as needed on the existing Endura video wall.

Purchasing

Due to the complexity of the system, it is recommended to use the company, who initially programmed the system, maintains the software application, provides ongoing service and also has the knowledge to understand the integration between the Pelco system and our access control system. Additionally, knowledge is required and necessary for the total integration of the access control system.

SimplexGrinnell has installed the camera and/or access control systems at the City Hall Offices, Library, Community Center, Police and Fire Training Center, Aquatic Center, Nature Center, DPW Building, Parks and Recreation Garage, Fire Storage Building, all six Fire Stations and the Transit Center.

As per CC Res {2009-02-047-F-04d} City Council approved an *ongoing* proprietary service agreement with SimplexGrinnell to provide materials, and labor to *maintain* the Integrated Security management System. Consequently over the last nine years, the Police Department has built a strong ongoing working relationship with SimplexGrinnell. Security of our buildings is top priority and SimplexGrinnell is one of only a few vendors that are allowed to work in our building unsupervised. SimplexGrinnell has learned how our operation works and can install and/or integrate systems with little input from department staff.

Financial

The approved Capital funds contained in the Fiscal Year 2015/2016 budget from Community Center General Equipment Annex Equipment and Troy Family Aquatic Center General Equipment Capital Accounts are budgeted and currently available to complete this project.

Recommendation

City management requests approval to utilize the ongoing contract with *Simplex Grinnell of Farmington Hills, MI* an authorized licensed installer in Michigan to purchase and install the Pelco Endura upgraded equipment for the Troy Community Center and Troy Family Aquatic Center at an estimated total cost of \$122,457, as detailed in the quotations attached.

SimplexGrinnell

A Division of TYCO International

Date	Quotation No.
06-Dec-14	520415-1206-14-B03
Vendor Code No.	

Issuing Office: **24747 HALSTED ROAD, FARMINGTON HILLS, MI. 48335**

TO: City Of Troy Police Dept.

500 West Big Beaver Road
 Troy, MI. 48084

Attn: Ryan Wolf

Job Name and Address
City Of Troy
Aquatic Center
VSS ENDURA Upgrade
Budget Proposal

Shipping Terms F.O.B. Shipping Point

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ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
*** CITY OF TROY / AQUATIC CENTER / ENDURA UPGRADE & CAMERA ENCODERS ***					
Provide materials and labor services for the installation / upgrade of the existing video surveillance system head-end equipment at the City of Troy, Aquatic Center facility. This work will include:					
* Aquatic - Install (8) 2 channel encoders to convert (16) analog video signals.					
* Aquatic - Install (1) ENDURA workstation in Mangers office.					
* Aquatic - Install (1) network storage manger 6TB.					
* Aquatic - Install (1) AVAYA 24 port network switch in telecom closet.					
* Aquatic - Install (1) wireless link from Aquatic Center to Police Dept. and connect configure to PD security surveillance network.					
* Aquatic - Install (1) UPS back-up in telecom closet.					
Materials & Services:					
1	8	NET5402T	Pelco Encoder H.264 Compression, 2 Channel	\$891.00	\$7,128.00
2	1	RK5200PS-5U-US	Pelco Rack Mount Card Cage w/ Dual Power Supply.	\$2,475.00	\$2,475.00
3	1	NSM5200-06-US	Pelco Network Storage Manager, 6TB, US Power Cord	\$12,225.00	\$12,225.00
4	1	WS5070-US	Pelco Workstation w/WS5200-1 Software, US Power Cord	\$3,564.00	\$3,564.00
5	1	AL4800E89-E6	AVAYA ERS 4826GTS-PWR+ with 24 10/100/1000 802.3at PoE+ & 2 S	\$2,893.00	\$2,893.00
6	1	AA1419048-E6	AVAYA 1-port 1000BASE-SX Small Form Factor Pluggable (SFP) Giga	\$206.00	\$206.00
7	1	UPS-220R-81P	Middle Atlantic UPS 220VA	\$2,038.00	\$2,038.00
8	2	HD25072	Redline AN80i Radio 5.725 - 5.850 GHZ	\$2,328.00	\$4,656.00
9	2	HD24906	Redline Heavy-Duty Mounting Kit	\$150.00	\$300.00
10	2	HD25068	Redline Sector Antenna	\$492.00	\$984.00
11	2	HD26203	Redline Ethernet CAT5 Double Shielded Out Door Cable	\$210.00	\$420.00
12	2	HD24907	Redline Lighting Protector Outddoor Arrestor	\$288.00	\$576.00
13	1	Lot	Misc. Patch cables & connectors	\$480.00	\$480.00
14	8	HOURS	System Engineering & Design	\$166.00	\$1,328.00
15	8	HOURS	Project Management	\$90.00	\$720.00
16	32	HOURS	System Commissioning / Programming / Test & Check-out	\$115.00	\$3,680.00
17	1	LOT	Electrical Installation and Materials	\$6,400.00	\$6,400.00
18	1	LOT	Network Installation and Configuration	\$2,100.00	\$2,100.00
				Sub-total:	\$52,173.00
				6% Sales Tax:	Exempt
TOTAL:					\$52,173.00

SIMPLEXGRINNELL offers to furnish the above, subject to the terms and conditions appearing on the face and on the reverse side hereof, for the sum of _____

THIS QUOTATION DOES NOT INCLUDE ANY TAXES, INSTALLATION, INSTALLATION MATERIALS OR ANY LABOR OR SERVICES UNLESS SPECIFIED ABOVE.

Any alteration or change from the above will be performed following the acceptance by SIMPLEXGRINNELL of Purchaser's Written Order and will become an additional cost at GINNELL then current charges. This Quotation automatically expires 30 days from the date shown above. All orders are subject to acceptance by SIMPLEXGRINNELL.

SIMPLEXGRINNELL	TITLE	J.KEITH
By:		SALES
ACCEPTANCE OF QUOTATION	The prices, specifications, terms and conditions contained herein, including the reverse side hereof, are hereby accepted.	
Purchaser	Date	U:\TROY AQUATIC\ENDURA UPG.XLS
		P.O. No.

By:	Title
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SimplexGrinnell
 A Division of TYCO International

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 500 West Big Beaver Road
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 Attn: Ryan Wolf

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			<p>Notes & Clarifications:</p> <p>1) Sales tax is not included. 2) SimplexGrinnell Standard terms and conditions apply. 3) All new materials have a one-year warranty. 4) All installation to be performed during normal working hours Monday - Friday 7:30am - 4:30pm. 5) All installation performed by union electricians. 6) Owner to provide network connection. 7) Owner to make available 110/240VAC power.</p>		

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Purchaser Date P.O. No.

By: _____ Title

SimplexGrinnell

A Division of TYCO International

Date	Quotation No.
	06-Dec-14 520415-1206-14-B01
Vendor Code No.	

Issuing Office: 24747 HALSTED ROAD, FARMINGTON HILLS, MI. 48335

TO: City Of Troy Police Dept.
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Troy, MI. 48084

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Provide materials and labor services for the installation / upgrade of the existing video surveillance system head-end equipment at the City of Troy, Community Center. This work will include:					
* CC - Install (16) 2 channel encoders to convert (32) analog video signals.					
* CC - Install (1) ENDURA workstation in Mangers office.					
* CC - Install (1) video console display & keyboard in Admin. Office area.					
* CC - Install (1) network storage manger 12TB.					
* CC - Install (1) AVAYA 24 port network switch in telecom closet.					
* CC - Install (1) UPS back-up in telecom closet.					
* CC - Install new CAT 6 cabling from telcom clost to storage room network rack.					
* CC - Install (1) AVAYA 24 port network switch in storage room network rack and connect to city's fiber back-bone.					
Materials & Services:					
1	16	NET5402T	Pelco Encoder H.264 Compression, 2 Channel	\$891.00	\$14,256.00
2	2	RK5200PS-5U-US	Pelco Rack Mount Card Cage w/ Dual Power Supply.	\$2,475.00	\$4,950.00
3	1	NSM5200-12-US	Pelco Network Storage Manager, 12TB, US Power Cord	\$15,624.00	\$15,624.00
4	2	WS5070-US	Pelco Workstation w/WS5200-1 Software, US Power Cord	\$3,564.00	\$7,128.00
5	1	VCD5202-US	Pelco Video Console Display, US Power Cord	\$3,565.00	\$3,565.00
6	1	KBD5000	Pelco ENDURA Keyboard Assembly	\$1,217.00	\$1,217.00
7	2	AL4800E89-E6	AVAYA ERS 4826GTS-PWR+ with 24 10/100/1000 802.3at PoE+ & 2 SFP	\$2,893.00	\$5,786.00
8	2	AA1419048-E6	AVAYA 1-port 1000BASE-SX Small Form Factor Pluggable (SFP) Gigabit	\$206.00	\$412.00
9	1	UPS-220R-8IP	Middle Atlantic UPS 220VA	\$2,038.00	\$2,038.00
10	1	Lot	Misc. Patch cables & connectors	\$480.00	\$480.00
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13	32	HOURS	System Commissioning / Programming / Test & Check-out	\$115.00	\$3,680.00
14	1	LOT	Electrical Installation and Materials	\$5,500.00	\$5,500.00
15	1	LOT	Network Installation and Configuration	\$3,600.00	\$3,600.00
				Sub-total:	\$70,284.00
				6% Sales Tax:	Exempt
				TOTAL:	\$70,284.00

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