



## CITY COUNCIL AGENDA ITEM

Date: December 17, 2015

To: Brian Kischnick, City Manager

From: MaryBeth Murz, Purchasing Manager  
 Gert Paraskevin, IT Director  
 Gary Mayer, Chief of Police  
 Mark Miller, Director of Economic & Community Development  
 Tom Darling, Director of Finance  
 Cathleen Russ, Library Director  
 Phillip Kwik, Assistant Library Director

Subject: Bid Waiver and Budget Amendment: Pelco Camera System Upgrade for the Troy Public Library (Introduced by: Cathy Russ, Library Director)

### History

- The video security system at the Troy Public Library has failed and is not currently operational.
- 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 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}.
- The Troy Public Library is the only City building not on the Endura system. It is estimated that it will cost between \$2,500 and \$3,500 to fix the legacy system. The system is over 8 years old and has failed repeatedly over the last two years.
- The goal of this project is to increase the security, safety of the public and city staff, and limit liability at the Troy Public Library. The Library has had numerous occasions when issues have occurred that required the police or Library staff to view videos. The upgrade to this system will additionally allow staff to add cameras to areas where video is needed, 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.



## CITY COUNCIL AGENDA ITEM

### Purchasing

- Due to the complexity of the system, it is recommended to waive the bid process and 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, 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

Funds are available in the Library's Fund Balance. A budget amendment transferring the funds from the Library's Fund Balance into the Capital Projects fund is necessary. There also needs to be an appropriation from the Capital Project fund for this project, for a total appropriation of \$45,297.

Transfer <u>out</u> of Library Fund	\$45,300
Transfer <u>in</u> to Capital Projects Fund	\$45,300
Appropriation to Purchase System	\$45,300

### 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 Public Library at an estimated total cost of \$45,297.00, as detailed in the attached quotation.



QUOTATION

**SimplexGrinnell**

A Division of TYCO International

Date	Quotation No.
	06-Dec-14 520415-1206-14-B02
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
Library
VSS ENDURA Upgrade
Budget Proposal

Shipping Terms F.O.B. Shipping Point

Project/Reference No.	Page of
	1   2

ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
<p><b>*** CITY OF TROY / LIBRARY / ENDURA UPGRADE &amp; CAMERA ENCODERS ***</b></p> <p>Provide materials and labor services for the installation / upgrade of the existing video surveillance system head-end equipment at the City of Troy, Library. This work will include:</p> <ul style="list-style-type: none"> <li>* Library - Install (8) 2 channel encoders to convert (16) analog video signals.</li> <li>* Library - Install (1) ENDURA workstation in Mangers office.</li> <li>* Library - Install (1) network storage manger 6TB.</li> <li>* Library - Install (1) AVAYA 24 port network switch in telecom closet.</li> <li>* Library - Install (1) UPS back-up in telecom closet.</li> </ul> <p><b>Materials &amp; Services:</b></p>					
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-8IP	Middle Atlantic UPS 220VA	\$2,038.00	\$2,038.00
8	1	Lot	Misc. Patch cables & connectors	\$480.00	\$480.00
9	8	HOURS	System Engineering & Design	\$166.00	\$1,328.00
10	8	HOURS	Project Management	\$90.00	\$720.00
11	24	HOURS	System Commissioning / Programming / Test & Check-out	\$115.00	\$2,760.00
12	1	LOT	Electrical Installation and Materials	\$2,460.00	\$2,460.00
13	1	LOT	Network Installation and Configuration	\$2,100.00	\$2,100.00
Sub-total:					\$40,377.00
6% Sales Tax:					Exempt
<b>TOTAL:</b>					<b>\$40,377.00</b>

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
<b>ACCEPTANCE OF QUOTATION</b>	The prices, specifications, terms and conditions contained herein, including the reverse side hereof, are hereby accepted.	
Purchaser	Date	U:\TROY LIBRARY\ENDURA UPG.XLS
		P.O. No.
By:	Title	

**SimplexGrinnell**  
A Division of TYCO International

Date	Quotation No.
	06-Dec-14 520415-1206-14-B02
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
Library
VSS ENDURA Upgrade
<b>Budget Proposal</b>

Shipping Terms F.O.B. Shipping Point

Project/Reference No.	Page of
	2   2

ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
			<p><b>Notes &amp; Clarifications:</b></p> <ul style="list-style-type: none"> <li>1) Sales tax is not included.</li> <li>2) SimplexGrinnell Standard terms and conditions apply.</li> <li>3) All new materials have a one-year warranty.</li> <li>4) All installation to be performed during normal working hours Monday - Friday 7:30am - 4:30pm.</li> <li>5) All installation performed by union electricians.</li> <li>6) Owner to provide network connection.</li> <li>7) Owner to make available 110/240VAC power.</li> </ul>		

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SIMPLEXGRINNELL	TITLE
By:	

**ACCEPTANCE OF QUOTATION** The prices, specifications, terms and conditions contained herein, including the reverse side hereof, are hereby accepted.

Purchaser	Date	P.O. No.
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By:	Title
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tyco

Fire & Security

**SimplexGrinnell**

A Division of TYCO International

QUOTATION

Date	Quotation No.
	27-Oct-15 520415-1027-15-01
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
Library Basement Store
Surveillance Cameras
Proposal

Shipping Terms F.O.B. Shipping Point

Project/Reference No.	Page of
	1   1

ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
<p><b>*** CITY OF TROY / LIBRARY / BASEMENT STORE CAMERAS ***</b>            Provide materials and labor services to install (8) video surveillance cameras in the basement store area of the City of Troy Library. All proposed cameras will be connected to the City's enterprise Endura video surveillance system. This work will include:</p> <ul style="list-style-type: none"> <li>* Library - Install (6) IP cameras in basement store area.</li> <li>* Library - Install (1) IP camera at basement elevator lobby area.</li> <li>* Library - Install (1) IP camera at basement stairwell area.</li> <li>* Library - Install (8) CAT6 cables from camera location to network switch in telecom closet.</li> </ul> <p><b>Materials &amp; Services:</b></p>					
1	8	IL10-DP	Pelco Sarix Fixed Indoor IP Camera 1.MP Fixed 1.92mm lens	\$252.00	\$2,016.00
2	8	LV-6D46003	Cat 6 Patch cable RJ45 / 3 Meter	\$3.00	\$24.00
3	14	Hours	Installation Labor (Mounting & Connection)	\$120.00	\$1,680.00
4	1	Lot	Misc. Materials (Wiremold, Sleeves, Fire Stop, etc)		\$240.00
5	8	Hours	System Programming & Configuration (Head-end Equipment)	\$120.00	\$960.00
<p><b>Notes &amp; Clarifications:</b></p> <ol style="list-style-type: none"> <li>1) Sales tax is not included.</li> <li>2) SimplexGrinnell Standard terms and conditions apply.</li> <li>3) All new materials have a one-year warranty.</li> <li>4) All installation to be performed during normal working hours                Monday - Friday 7:30am - 4:30pm.</li> <li>5) Owner to provide network connection.</li> </ol>					
Sub-total:					\$4,920.00
6% Sales Tax:					Exempt
<b>TOTAL:</b>					<b>\$4,920.00</b>

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By:	SALES	
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Purchaser	Date	P.O. No.
By:	Title	

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