



## CITY COUNCIL AGENDA ITEM

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December 28, 2010

To: John Szerlag, City Manager

From: John M. Lamerato, Assistant City Manager/Finance & Administration  
Susan A. Leirstein, Purchasing Director  
Gary G. Mayer, Chief of Police  
William Nelson, Fire Chief  
Carol Anderson, Parks and Recreation Director

Subject: Bid Waiver: Integrated Security Management System Expansion Project

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### Background

- This memo is written to request approval to add six additional cameras to the Troy Family Aquatic Center. Approval is also requested to add five additional card readers, change one fixed camera to a pan, tilt, zoom camera, and add door monitoring capability to the fire tower door and two overhead bay doors at the Troy Fire-Police Training Facility.
- SimplexGrinnell Fire Protection and Security Services provided the security system during the Police and Fire Building Renovation and Addition project. SimplexGrinnell was the primary contractor and responsible for installation and programming of this complex and comprehensive system.
- In the past year and a half, the system has been expanded to provide video security and access control by installing cameras and/or card readers at the Community Center, the Public Library, the Nature Center, the Fire-Police Training Facility, and the Parks and Recreation building on the DPW grounds. About four years ago the DPW facility was fully integrated into the system with card reader access and video monitoring. Two years ago, card readers and panic alarms were installed in the Finance, Information Technology, and City Clerk Offices.
- The controlling software application is "Continuum" by Andover Controls. This application is programmed to control every piece of hardware in the security system. Due to the complexity of the system, it is desirable to allow the company who programmed and currently maintains the system to expand the application, thus avoiding corruption of the programming.
- By utilizing existing access controlling hardware and software, costs are minimized and standardization established for all facilities. Further, by utilizing the existing security system infrastructure and network, optimum system functionality is met.
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December 28, 2010

To: John Szerlag, City Manager

Re: Waiver – Security System Expansion Project

- The system provides the ability to control and monitor all aspects of the security system locally at all facilities; but also provides remote access for the Police personnel to monitor video and alarms from a central location. This benefits the Police Department who may have to respond to an alarm or other type of incident at any City facility.
- This is an ongoing project proposed by the City's Workplace Security Committee to make the surrounding environment safe and secure for all who work in and patronize our facilities.

### Recommendation

- No benefit would be derived from soliciting formal bids. City management is requesting a waiver of the formal bid process and authorization to utilize the services of SimplexGrinnell of Farmington Hills to expand the security system video cameras at the Family Aquatic Center at an estimated cost of \$13,359.00 as detailed in the attached proposal dated 16-Nov-10. Also requested is authorization to expand the card access, video capabilities, and door monitoring at the Fire-Police Training Center at an estimated cost of \$21,898.00. This reflects a discount of 10% (\$2,433.00) for running concurrent projects as detailed in the proposal dated 27-Dec-10.

### Fund Availability

- Funds are available in the Aquatic Center, General Equipment capital account; the Fire Department, Administration, General Equipment capital account and the Police Department, Administration, Office Renovation capital account.

WM/wm\ H:\Council Agenda Items\FAC & FPTC Additional Security



Fire & Security

SimplexGrinnell

A Division of TYCO International

QUOTATION

Date	Quotation No.
	16-Nov-10 520415-1116-10-02
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: Wendell Moore

Job Name and Address
City Of Troy
Parks & Recreation
Aquatic Center - Security System
Proposal

Shipping Terms F.O.B. Shipping Point

Project/Reference No.	Page of
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ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
<b>*** CITY OF TROY - AQUATIC CENTER SECURITY PROPOSAL ***</b>					
<b>PROJECT DESCRIPTION:</b>					
Provide materials and labor services to install security cameras and wireless transmitters at the City of Troy Aquatic Center. Listed below is our break-out pricing based on site walk through, dated 11/09/2010.					
Our proposal includes the necessary services, materials, engineering, programming, start-up and debug for the security card access control additions required for the above referenced scope of work.					
<b>CCTV SURVEILLANCE SYSTEM:</b>					
* Provide and install (2) fixed cameras at the main building, these cameras will be aimed at the first aid office entrance on the pool side.					
* Provide and install (2) fixed cameras at the concession stand. The signals and power will be homerun to the main building via existing underground conduit.					
* Provide and install (2) fixed pole mounted wireless cameras at the pool area. The wireless receivers for these cameras will be mounted near the existing units.					
1	4	ICS151-CRV3A	Pelco Camclosure in ceiling clear dome camera, color	\$483.00	\$1,932.00
2	4	ISC150-P	Camclosure ceiling panel	\$30.00	\$120.00
3	2	DF5HD-PG-E1	Pelco Heavy duty Dome camera w/ enclosure	\$818.00	\$1,636.00
4	2	DF5LINERKIT	Pelco slotted dome liner kit	\$14.00	\$28.00
5	2	IWM-GY	Pelco wall mount bracket	\$72.00	\$144.00
6	2	WCS1-4	Pelco camera power supply	\$114.00	\$228.00
7	12	YV-83BB3BK	Coax jumper cables	\$5.00	\$60.00
8	2	M5-PTZ900	MICROTEK wireless transmitter & receiver	\$797.00	\$1,594.00
9	1	Lot	Electrical Installation	\$5,952.00	\$5,952.00
10	1	Lot	System Engineering & Drafting	\$332.00	\$332.00
11	1	Lot	System Programming	\$327.00	\$327.00
12	1	Lot	System Test, Check-out & Start-up	\$654.00	\$654.00
13	1	Lot	Project Management & Coordination	\$352.00	\$352.00
<b>SUB-TOTAL:</b>					<b>\$13,359.00</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\PAQUATIC CNTR.XLS
		P.O. No.
By:	Title	



Fire & Security

SimplexGrinnell

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

TO: **City Of Troy Police Dept.**  
 500 West Big Beaver Road  
 Troy, MI. 48084  
  
 Attn: Wendell Moore

Job Name and Address
City Of Troy
Parks & Recreation
Aquatic Center - Security System
Proposal

Shipping Terms F.O.B. Shipping Point

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ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
<p><b>NOTES &amp; CLARIFICATION TO OUR BID:</b></p> <p>1) SimplexGrinnell Standard Terms and Conditons Apply.</p> <p>2) All work based on normal working hours Mon-Fri 7:30am - 4:30pm</p> <p>3) Warranty is for one year.</p> <p>4) Owner to furnish network connection.</p>					

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By:	Title	



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QUOTATION

Date	Quotation No.
	27-Dec-10 520415-1116-10-R3
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: Wendell Moore

Job Name and Address
City Of Troy
Fire Training Facility
Security Door Additions
Proposal

Shipping Terms F.O.B. Shipping Point

Project/Reference No.	Page of
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ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
<b>*** CITY OF TROY FIRE DEPT. TRAINING FACILITY ***</b>					
<b>PROJECT DESCRIPTION:</b> Provide materials and labor services to install security card access and CCTV in the City of Troy Fire Dept. Training Facility. Listed below is our break-out pricing based on site walk through, dated 11/09/2010.					
Our proposal includes the necessary services, materials, engineering, programming, start-up and debug for the security card access control additions required for the above referenced scope of work.					
<b>OFFICE AREA CARD ACCESS:</b> Provide and install card access devices at the (5) door locations (Police storage, AV/ADC, Police Training, and Fire Training, Fire storage). Materials and services include:					
1	5	AC-1	Andover Security Reader Module	\$245.00	\$1,225.00
2	5	PR5355	HID Proximity Card Reader	\$290.00	\$1,450.00
3	7	1076	Sentrol Door Alarm Monitoring Contact	\$35.00	\$245.00
4	5	310-2 3/4	Electric Door Strike 24VDC	\$388.00	\$1,940.00
5	5	DS150i	DSI Request to Exit Motion Detector	\$142.00	\$710.00
6	1	Lot	Electrical Installation	\$8,255.00	\$8,255.00
7	1	Lot	Locksmith Installation	\$1,562.00	\$1,562.00
8	2	Hours	System Engineering & Drafting	\$166.00	\$332.00
9	5	Hours	System Programming	\$112.00	\$560.00
10	5	Hours	System Test, Check-out & Start-up	\$112.00	\$560.00
11	4	Hours	Project Management & Coordination	\$88.00	\$352.00
<b>Sub-total:</b>					<b>\$17,191.00</b>

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By:		SALES
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Fire & Security

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

**TO: City Of Troy Police Dept.**  
 500 West Big Beaver Road  
 Troy, MI. 48084  
  
 Attn: Wendell Moore

Job Name and Address City Of Troy
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ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
<b><u>TOWER &amp; OVERHEAD DOORS:</u></b>					
Provide and install alarm monitoring deviceS on the Tower and Overhead roll-up doors. This price includes EMT conduit run from the garage area to the door as well as bridle rings in the garage area back to the panel.					
14	1	1076	Door Alarm Monitoring Contact	\$35.00	\$35.00
15	2	2500	Overhead Door alarm Contacts	\$39.00	\$78.00
17	1	Lot	Electrical Installation	\$3,580.00	\$3,580.00
19	1	Hours	System Engineering & Drafting	\$166.00	\$166.00
20	1	Hours	System Programming	\$112.00	\$112.00
21	2	Hours	System Test, Check-out & Start-up	\$112.00	\$224.00
22	2	Hours	Project Management & Coordination	\$88.00	\$176.00
				<b>Sub-total:</b>	<b>\$4,371.00</b>
<b><u>GARAGE PTZ CAMERA:</u></b>					
PTZ Camera: Provide labor and materials to remove existing fixed camera in the garage area and replace with new PELCO mini wall mount PTZ camera. Install new control cable from camera location back to equipment rack.					
23	1	SD4-WO	Pelco Spectra MINI Smoke Dome PTZ camera NTSC	\$866.00	\$866.00
24	1	Lot	Electrical Installation	\$1,225.00	\$1,225.00
25	1	Hours	System Engineering & Drafting	\$166.00	\$166.00
26	1	Hours	System Programming	\$112.00	\$112.00
27	2	Hours	System Test, Check-out & Start-up	\$112.00	\$224.00
28	2	Hours	Project Management & Coordination	\$88.00	\$176.00
				<b>Sub-total:</b>	<b>\$2,769.00</b>

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Purchaser	Date	P.O. No.
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By:	Title
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