



CITY COUNCIL AGENDA ITEM

August 15, 2011

To: John Szerlag, City Manager

From: Susan Leirstein, Purchasing Director
Gert Paraskevin, IT Director
William S. Nelson, Fire Chief

Subject: Bid Waiver: Integrated Security Management System Extension – Fire Department Access Control Replacement

Background

The fire department purchased and installed a keyless entry system for the six fire stations in 1999. This system has functioned for over twelve years but has been problematic for the past several years for the following reasons:

- Each station was originally limited to a maximum of 4 doors capable of keyless entry which has created issues at the fire stations with more than 4 exterior doors that are commonly accessed by fire personnel.
- The system controllers in the fire stations are at their end of life and have been failing at an increased frequency resulting in the systems being inoperable with time and materials service calls.
- All city buildings with access control have standardized on the SimplexGrinnell system which is not compatible with the existing access devices used by the fire department so personnel requiring access to fire stations and other city buildings are required to carry multiple access devices.

The fire department has researched replacing the key access system and has found that SimplexGrinnell is the only vendor that can provide the Continuum Access Control System which is compatible with the existing city system. There are a several advantages to using the same system for all city buildings:

- A standard access device will provide access to any authorized door in any city facility.
- Fire station doors will be capable of being unlocked remotely from Dispatch, the fire administrative offices, and authorized workstations.
- There are enhanced reporting capabilities with the Continuum system.
- The SimplexGrinnell system includes door status monitoring and alarm reporting which the existing system has never provided.



CITY COUNCIL AGENDA ITEM

August 15, 2011

To: John Szerlag, City Manager
Re: Waiver – Integrated Security Management System Extension

Recommendation

No benefit would be derived from soliciting bids. City management is requesting a waiver of the formal bid process and authorization to utilize the services of SimplexGrinnell of Farmington Hills to purchase and install the Continuum access control system for all fire stations and the fire storage facility under the current labor and materials pricing agreement dated January 1, 2011, at an estimated total cost of \$130,568.00, as detailed on the attached proposal dated August 5, 2011.

Fund Availability

Funds are budgeted in the Fire Building and Improvements, and Fire Stations capital accounts for this project.



Fire & Security

SimplexGrinnell

A Division of TYCO International

QUOTATION

Date	Quotation No.
	05-Aug-11 520415-0720-11-01
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
Fire Station Upgrade
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
*** CITY OF TROY / FIRE STATIONS / SECURITY UPGRADE PROJECT***					
SIMPLEXGRINNELL IS PLEASED TO OFFER THE FOLLOWING QUOTATION TO PROVIDE AND INSTALL NEW SECUIRTY CARD ACCESS AT (6) FIRE STATION FOR THE CITY OF TROY. THIS QUOTATION IS BASED ON OUR SITE WALK THROUGH DATED, 7/8/11 AND THE FOLLOWING SCOPE WORK WITH OUR CLARIFICATIONS:					
OUR PROPOSAL INCLUDES THE NECESSARY EQUIPMENT, ENGINEERING, INSTALLATION LABOR, MATERIALS, PROGRAMMING, START-UP / DEBUG REQUIRED TO COMPLETE THE SUBJECT PROJECT.					
FIRE STATION NO. 1					
1	1	8M-16I/O-T-M	NETCONTROLLER +4M NETLAN, AND MODEM	\$2,160.00	\$2,160.00
2	1	PS120/240-AC50U	POWER SUPPLY MODULE	\$280.00	\$280.00
3	4	AC-1	CONTINUUM READER MODULE	\$245.00	\$980.00
4	1	G-G-G	ENCLOSURE ASSEMBLY	\$448.00	\$448.00
5	1	AL600UULX	AUXILIARY POWER SUPPLY	\$230.00	\$230.00
6	4	PR5355	PROXIMITY CARD READER	\$290.00	\$1,160.00
7	5	1076	DOOR ALARM MONITORING CONTACTS	\$35.00	\$175.00
8	4	DS150I	REQUEST TO EXIT MOTION DETECTORS	\$142.00	\$568.00
9		310-2	ELECTRIC DOOR STRIKES (REUSE 3 EXISTING STRIKES)	\$347.00	
10	1	99 SERIES	ELECTRIFIED PANIC BAR W/ POWER SUPPLY AND TRANSFER	\$2,287.00	\$2,287.00
11	10	HOURS	SYSTEM ENGINEERING AND DRAFTING	\$166.00	\$1,660.00
12	10	HOURS	SYSTEM PROGRAMMING	\$112.00	\$1,120.00
13	14	HOURS	SYSTEM TEST, CHECK-OUT & START-UP	\$112.00	\$1,568.00
14	10	HOURS	PROJECT MANAGEMENT & COORDINATION	\$88.00	\$880.00
15	1	LOT	ELECTRICAL INSTALLATION AND MATERIALS	\$8,188.00	\$8,188.00
16	1	LOT	LOCKSMITH INSTALLATION	\$285.00	\$285.00
SUB-TOTAL:					\$19,829.00

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 SALES
By:		

ACCEPTANCE OF QUOTATION The prices, specifications, terms and conditions contained herein, including the reverse side hereof, are hereby accepted. U:\troy\fire\security\budget proposal.xls

Purchaser	Date	P.O. No.
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By:	Title
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Fire & Security

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

 Attn: Ryan Wolf

Job Name and Address City Of Troy
Fire Station Upgrade
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
FIRE STATION NO. 2					
17	1	8M-16I/O-T-M	NETCONTROLLER +4M NETLAN, AND MODEM	\$2,160.00	\$2,160.00
18	1	PS120/240-AC50U	POWER SUPPLY MODULE	\$280.00	\$280.00
19	4	AC-1	CONTINUUM READER MODULE	\$245.00	\$980.00
20	1	G-G-G	ENCLOSURE ASSEMBLY	\$448.00	\$448.00
21	1	AL600UULX	AUXILIARY POWER SUPPLY	\$230.00	\$230.00
22	4	PR5355	PROXIMITY CARD READER	\$290.00	\$1,160.00
23	4	1076	DOOR ALARM MONITORING CONTACTS	\$35.00	\$140.00
24	4	DS150I	REQUEST TO EXIT MOTION DETECTORS	\$142.00	\$568.00
25	2	310-2	ELECTRIC DOOR STRIKES (REUSE 2 EXISTING STRIKES)	\$347.00	\$694.00
26	8	HOURS	SYSTEM ENGINEERING AND DRAFTING	\$166.00	\$1,328.00
27	8	HOURS	SYSTEM PROGRAMMING	\$112.00	\$896.00
28	12	HOURS	SYSTEM TEST, CHECK-OUT & START-UP	\$112.00	\$1,344.00
29	8	HOURS	PROJECT MANAGEMENT & COORDINATION	\$88.00	\$704.00
30	1	LOT	ELECTRICAL INSTALLATION AND MATERIALS	\$8,313.00	\$8,313.00
31	1	LOT	LOCKSMITH INSTALLATION	\$375.00	\$375.00
SUB-TOTAL:					\$19,620.00
FIRE STATION NO. 3					
32	1	8M-16I/O-T-M	NETCONTROLLER +4M NETLAN, AND MODEM	\$2,160.00	\$2,160.00
33	1	PS120/240-AC50U	POWER SUPPLY MODULE	\$280.00	\$280.00
34	6	AC-1	CONTINUUM READER MODULE	\$245.00	\$1,470.00
35	1	G-G-G	ENCLOSURE ASSEMBLY	\$448.00	\$448.00
36	1	AL600UULX	AUXILIARY POWER SUPPLY	\$230.00	\$230.00
37	6	PR5355	PROXIMITY CARD READER	\$290.00	\$1,740.00
38	6	1076	DOOR ALARM MONITORING CONTACTS	\$35.00	\$210.00
39	6	DS150I	REQUEST TO EXIT MOTION DETECTORS	\$142.00	\$852.00

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SIMPLEXGRINNELL	TITLE	PREPARED BY:
By:		
ACCEPTANCE OF QUOTATION	The prices, specifications, terms and conditions contained herein, including the reverse side hereof, are hereby accepted.	
Purchaser	FILE NAME	
	Date	P.O. No.
By:	Title	



Fire & Security

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Job Name and Address
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Project/Reference No.	Page of
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ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
40	2	310-2	ELECTRIC DOOR STRIKES (REUSE 4 EXISTING STRIKES)	\$347.00	\$694.00
41	12	HOURS	SYSTEM ENGINEERING AND DRAFTING	\$166.00	\$1,992.00
42	12	HOURS	SYSTEM PROGRAMMING	\$112.00	\$1,344.00
43	16	HOURS	SYSTEM TEST, CHECK-OUT & START-UP	\$112.00	\$1,792.00
44	12	HOURS	PROJECT MANAGEMENT & COORDINATION	\$88.00	\$1,056.00
45	1	LOT	ELECTRICAL INSTALLATION AND MATERIALS	\$5,750.00	\$5,750.00
46	1	LOT	LOCKSMITH INSTALLATION	\$375.00	\$375.00
SUB-TOTAL:					\$20,393.00
FIRE STORAGE AREA					
47	1	8M-16I/O-T-M	NETCONTROLLER +4M NETLAN, AND MODEM	\$2,160.00	\$2,160.00
48	1	PS120/240-AC50U	POWER SUPPLY MODULE	\$280.00	\$280.00
49	1	AC-1	CONTINUUM READER MODULE	\$245.00	\$245.00
50	1	G-G-G	ENCLOSURE ASSEMBLY	\$448.00	\$448.00
51	1	AL600UULX	AUXILIARY POWER SUPPLY	\$230.00	\$230.00
52	1	PR5355	PROXIMITY CARD READER	\$290.00	\$290.00
53	1	1076	DOOR ALARM MONITORING CONTACTS	\$35.00	\$35.00
54	1	DS150I	REQUEST TO EXIT MOTION DETECTORS	\$142.00	\$142.00
55	1	310-2	ELECTRIC DOOR STRIKES	\$347.00	\$347.00
56	2	HOURS	SYSTEM ENGINEERING AND DRAFTING	\$166.00	\$332.00
57	2	HOURS	SYSTEM PROGRAMMING	\$112.00	\$224.00
58	2	HOURS	SYSTEM TEST, CHECK-OUT & START-UP	\$112.00	\$224.00
59	2	HOURS	PROJECT MANAGEMENT & COORDINATION	\$88.00	\$176.00
60	1	LOT	ELECTRICAL INSTALLATION AND MATERIALS	\$1,610.00	\$1,610.00
61	1	LOT	LOCKSMITH INSTALLATION	\$285.00	\$285.00
SUB-TOTAL:					\$7,028.00
FIRE STATION NO. 4					
62	1	8M-16I/O-T-M	NETCONTROLLER +4M NETLAN, AND MODEM	\$2,160.00	\$2,160.00
63	1	PS120/240-AC50U	POWER SUPPLY MODULE	\$280.00	\$280.00
64	3	AC-1	CONTINUUM READER MODULE	\$245.00	\$735.00
65	1	G-G-G	ENCLOSURE ASSEMBLY	\$448.00	\$448.00

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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.
	Title



Fire & Security

QUOTATION

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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: Ryan Wolf

Job Name and Address
City Of Troy
Fire Station Upgrade
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Project/Reference No.	Page of
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ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
66	1	AL600UULX	AUXILIARY POWER SUPPLY	\$230.00	\$230.00
67	3	PR5355	PROXIMITY CARD READER	\$290.00	\$870.00
68	4	1076	DOOR ALARM MONITORING CONTACTS	\$35.00	\$140.00
69	3	DS150I	REQUEST TO EXIT MOTION DETECTORS	\$142.00	\$426.00
70		310-2	ELECTRIC DOOR STRIKES (REUSE 2 EXISTING STRIKES)	\$347.00	
71	1	99 SERIES	ELECTRIFIED PANIC BAR W/ POWER SUPPLY AND TRANSFER	\$2,287.00	\$2,287.00
72	10	HOURS	SYSTEM ENGINEERING AND DRAFTING	\$166.00	\$1,660.00
73	10	HOURS	SYSTEM PROGRAMMING	\$112.00	\$1,120.00
74	14	HOURS	SYSTEM TEST, CHECK-OUT & START-UP	\$112.00	\$1,568.00
75	10	HOURS	PROJECT MANAGEMENT & COORDINATION	\$88.00	\$880.00
76	1	LOT	ELECTRICAL INSTALLATION AND MATERIALS	\$6,875.00	\$6,875.00
77	1	LOT	LOCKSMITH INSTALLATION	\$285.00	\$285.00
SUB-TOTAL:					\$19,964.00
FIRE STATION NO. 5					
78	1	8M-16I/O-T-M	NETCONTROLLER +4M NETLAN, AND MODEM	\$2,160.00	\$2,160.00
79	1	PS120/240-AC50U	POWER SUPPLY MODULE	\$280.00	\$280.00
80	4	AC-1	CONTINUUM READER MODULE	\$245.00	\$980.00
81	1	G-G-G	ENCLOSURE ASSEMBLY	\$448.00	\$448.00
82	1	AL600UULX	AUXILIARY POWER SUPPLY	\$230.00	\$230.00
83	4	PR5355	PROXIMITY CARD READER	\$290.00	\$1,160.00
84	4	1076	DOOR ALARM MONITORING CONTACTS	\$35.00	\$140.00
85	4	DS150I	REQUEST TO EXIT MOTION DETECTORS	\$142.00	\$568.00
86	2	310-2	ELECTRIC DOOR STRIKES (REUSE 2 EXISTING STRIKES)	\$347.00	\$694.00
87	8	HOURS	SYSTEM ENGINEERING AND DRAFTING	\$166.00	\$1,328.00
88	8	HOURS	SYSTEM PROGRAMMING	\$112.00	\$896.00
89	12	HOURS	SYSTEM TEST, CHECK-OUT & START-UP	\$112.00	\$1,344.00
90	8	HOURS	PROJECT MANAGEMENT & COORDINATION	\$88.00	\$704.00
91	1	LOT	ELECTRICAL INSTALLATION AND MATERIALS	\$7,375.00	\$7,375.00
92	1	LOT	LOCKSMITH INSTALLATION	\$375.00	\$375.00
SUB-TOTAL:					\$18,682.00

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 _____

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SIMPLEXGRINNELL	TITLE
By:	
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Purchaser	Date
	P.O. No.

By:	Title
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Fire & Security

QUOTATION

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TO: City Of Troy Police Dept.
 500 West Big Beaver Road
 Troy, MI. 48084
 \$0.00
 Attn: Ryan Wolf

Job Name and Address City Of Troy
Fire Station Upgrade
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
FIRE STATION NO. 6					
93	1	8M-16I/O-T-M	NETCONTROLLER +4M NETLAN, AND MODEM	\$2,160.00	\$2,160.00
94	1	PS120/240-AC50U	POWER SUPPLY MODULE	\$280.00	\$280.00
95	4	AC-1	CONTINUUM READER MODULE	\$245.00	\$980.00
96	1	G-G-G	ENCLOSURE ASSEMBLY	\$448.00	\$448.00
97	1	AL600UULX	AUXILIARY POWER SUPPLY	\$230.00	\$230.00
98	4	PR5355	PROXIMITY CARD READER	\$290.00	\$1,160.00
99	4	1076	DOOR ALARM MONITORING CONTACTS	\$35.00	\$140.00
100	4	DS150I	REQUEST TO EXIT MOTION DETECTORS	\$142.00	\$568.00
101	2	310-2	ELECTRIC DOOR STRIKES (REUSE 2 EXISTING STRIKES)	\$347.00	\$694.00
102	6	HOURS	SYSTEM ENGINEERING AND DRAFTING	\$166.00	\$996.00
103	6	HOURS	SYSTEM PROGRAMMING	\$112.00	\$672.00
104	10	HOURS	SYSTEM TEST, CHECK-OUT & START-UP	\$112.00	\$1,120.00
105	6	HOURS	PROJECT MANAGEMENT & COORDINATION	\$88.00	\$528.00
106	1	LOT	ELECTRICAL INSTALLATION AND MATERIALS	\$7,875.00	\$7,875.00
107	1	LOT	LOCKSMITH INSTALLATION	\$375.00	\$375.00
SUB-TOTAL:					\$18,226.00
HEAD-END EQUIPMENT					
108	250	1346LSSMN-S129C	HID PROXKEY II - PROXIMTY ACCESS KEYFOB	\$5.60	\$1,400.00
109	1	VAL-8500-630PTZ	VALCAM PHOT ID CAMERA W/ INTEGRATED FLASH, MINI TRIPOD, PHOTO BACK DROP, CABLES, AND POWER SUPPLY.	\$1,495.00	\$1,495.00
110	1	LAN-SEC-U-P-B-U	CONTINUUM CYBER STATION W/ PHOTO ID BADGE OPTION	\$3,259.00	\$3,259.00
111	6	HOURS	SYSTEM PROGRAMMING	\$112.00	\$672.00
SUB-TOTAL:					\$6,826.00

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SIMPLEXGRINNELL	TITLE	SALES	\$0.00
By:	The prices, specifications, terms and conditions contained herein, including the reverse side hereof, are hereby accepted.		
ACCEPTANCE OF QUOTATION			\$0.00
Purchaser	Date	P.O. No.	

By: _____ Title _____



Fire & Security

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Project/Reference No.	Page of
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ITEM	QUANTITY	MODEL NO.	DESCRIPTION	UNIT PRICE	EXTENSION
			*** PRICING RECAP ***		
			FIRE SATION NO. 1		\$19,829.00
			FIRE SATION NO. 2		\$19,620.00
			FIRE SATION NO. 3		\$20,393.00
			FIRE STORAGE FACILITY		\$7,028.00
			FIRE SATION NO. 4		\$19,964.00
			FIRE SATION NO. 5		\$18,682.00
			FIRE SATION NO. 6		\$18,226.00
			HEAD-END EQUIPMENT		\$6,826.00
			TOTAL:		\$130,568.00
			Notes and Clarification to Our Bid:		
			1) This quotation is based on a specific number of devices as outlined in bill of materials.		
			2) SimplexGrinnell Standard terms and conditions apply.		
			3) The above materials have a one year part and labor warranty.		
			4) All work quoted based on straight time only, Monday - Friday, 7:30am - 4:30pm.		
			5) Owner to furnish all computer routers, HUBs, for network connectivity.		
			6) Ower to provide all LAN/WAN connectivity. This work includes any cable installation from hub to security panel location.		
			7) Pricing based upon reusing all existing field cabling and devices when applicable.		
			8) This proposal is based on using existing Wiegand 36 BIT format access cards.		
			9) This proposal does not include any Fire alarm interfaces.		
			10) Owner to furnish PC for photo badging system.		
			11) Sales or use tax is not included.		

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SIMPLEXGRINNELL	TITLE	\$0.00
By:		\$0.00

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Purchaser	Date	P.O. No.
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By:	Title
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