

March 28, 2006

TO: John M. Lamerato, Acting City Manager

FROM: Brian P. Murphy, Assistant City Manager/Services
Charles Craft, Chief of Police
Jeanette Bennett, Purchasing Director
Gert Paraskevin, Information Technology Director
Timothy L. Richnak, Public Works Director

SUBJECT: **Agenda Item** – Bid Waiver – Integrated Security Management System
Installation with Time Tracker Software and Maintenance

RECOMMENDATION

The Department of Public Works requests City Council approval to enter into a contract with SimplexGrinnell to provide an Integrated Security Management System with Time Tracker Software for an estimated amount of \$147,416.80. This system will provide enhanced security at the Public Works garage facility and grounds. Also, it is requested that this system's maintenance be added to the Police Department's contract with SimplexGrinnell under the same prices, terms, and conditions after the warranty period. The current Maintenance Agreement establishes hourly service rates for software and hardware systems, system engineering and design, and project management services. It establishes fixed costs for replacement parts and makes allowance for equipment or services not covered in the current agreement.

The DPW installation will be integrally tied to the current Police / Fire system. The bid waiver is requested to contract with the company who initially programmed the security system software during the construction of the Police Department and will be responsible for the additional programming to continue expansion of the system. Due to the flexibility and complexity of the system, it is desirable to use the same company to continue installing expansions to the system.

BACKGROUND

Since 9/11, projects have been proposed that will increase security of City facilities through the work of the City's *Workplace Security Committee*. This is one such project since: 1) water pressure and lift station alarms are located in the DPW building, 2) \$17 million worth of equipment and inventory is stored at the yard of which \$10 million is located in the outside yard that would be monitored by cameras, 3) gates and security doors would lock down the entire facility since summer part-timers often leave the building or yard gate open allowing wanderers to enter the site, 4) emergency supplies and response equipment is located at the DPW facility.

March 14, 2006

TO: John M. Lamerato, Acting City Manager

RE: Integrated Security Management System

Page 2 of 2

JUSTIFICATION OF SYSTEM

- Programmed ID cards currently in place would control access to the building and site.
- Authorized employees from other departments could gain access to the building and site easily after hours.
- One integrated system would provide building security and through the Time Tracker Software would record employee entry and egress from the facility.
- The system would be integrated into Police Communications and through standardization of equipment, could be easily monitored by Communications staff.

MARKET SCAN

SimplexGrinnell holds at least two (2) GSA (General Services Administration) contracts for fire and security products. The labor rates charged for the DPW installation are in compliance with the GSA pricing schedules. Andover Controls equipment pricing is at or below the GSA pricing schedule although some products for this installation are from third party equipment suppliers and are not covered by GSA pricing schedules.

It should be noted that the labor rates charged for new installations are lower than the labor rates charged for maintenance activities.

BUDGET AND BUDGET ISSUES

Due to the installation of the proposed system, the guard service contract that provides security personnel on holiday and weekend nights expiring June 30, 2006 would be eliminated saving approximately \$27,100.00 per year or in other words, the new security system costs would be covered by contract savings in 5.7 years.

The Public Works Department has budgeted funds for this project in capital account #401464.7975.900.

Vote on Resolution to Waive Any Permit, Construction or Inspection Fees

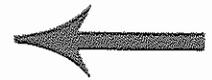
Resolution #2005-12-557c
Moved by Schilling
Seconded by Lambert

RESOLVED, That the City of Troy will **WAIVE** any permit, construction, or inspection fees that are associated with the implementation of Wireless Oakland in the City of Troy.

Yes: All-5
No: None
Absent: Broomfield, Howrylak

F-10 Bid Waiver – Integrated Security Management System Material and Labor Maintenance Proposal

Resolution #2005-12-557
Moved by Beltramini
Seconded by Stine



NOTE

WHEREAS, SimplexGrinnel is an authorized, licensed installer in Michigan of the Andover Controls security system;

WHEREAS, It is necessary to perform periodic maintenance and installation of new or replacement equipment and avoid corruption of the system's programming.

NOW, THEREFORE, BE IT RESOLVED, That formal bidding procedures are hereby **WAIVED** and the City of Troy is **AUTHORIZED** to enter into contract with SimplexGrinnel of Farmington Hills, MI, for labor and materials to maintain the Integrated Security Management System from 11/1/05 through 10/30/06, subject to annual price increases thereafter, not to exceed 3% as determined by the CPI for the Detroit Ann Arbor area, in accordance with their proposal, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

Yes: All-5
No: None
Absent: Broomfield, Howrylak

Vote on Resolution to Suspend Rules of Procedure for the City Council, Rule #6 – Order of Business, Article 10-Public Comment Limited to Items Not on the Agenda

Resolution #2005-12-558
Moved by Beltramini
Seconded by Stine

RESOLVED, That Troy City Council hereby **SUSPENDS** its Rules of Procedure for the City Council, Rule #6 Order of Business, Article 10 – Public Comment: Limited to Items not on the Agenda and permit discussion on Public Comment.

tyco

Fire &
Security

SimplexGrinnell

March 27, 2006

City Of Troy
Department Of Public Works
4693 Rochester Road
Troy, MI. 48085

Attn: Sam Lamerato

Re: RFP - Security Management System

Dear Mr. Lamerato:

SimplexGrinnell submits the following *Revised* proposal to furnish and install the Security Management System consisting of Access Control, Gate Controls, CCTV Surveillance, and Fire Alarm Systems at the City of Troy / DPW facility. Our proposal includes the following, statement of work, scope of services, clarification, and bill of materials.

This proposal is based on the documentation provided by your company and our recent meeting dated 1/18/06. SimplexGrinnell's design team has spent considerable time and effort analyzing the various aspects of this project and we feel that we have assembled a response, which will meet the objectives set forth in your documentation. The results are as follows:

STATEMENT OF WORK

A. Objective:

City Of Troy / DPW seeks a method to secure and control access to their facility. The proposed security management systems shall have the ability to control and monitor access to building perimeter, and survey the yard \ parking lot. The system shall utilize the City of Troy's existing security file server and badge card format connect to the City's LAN/WAN network. The proposed system must have the ability to control and monitor all aspects of the security management system locally at the DPW facility.

B. Solution:

This can be achieved by SimplexGrinnell acting as the Prime Contractor and accepting responsibility for equipment procurement, installation, and coordination of the project. This responsibility includes engineering, detail design layouts, equipment procurement, fabrication and assembly, system programming, electrical installation and materials, testing, training, and warranty support as outlined in the Scope of Services section of this document.

C. Benefits

- One common system providing standardization.
- Secured and controlled point of entry.
- Centralized alarm Monitoring.
- Same security supplier used at other City Of Troy facilities.
- Turnkey installation, reducing design and implementation cost.
- Reduced administration cost, utilizing one contractor.
- Expedite commissioning, utilizing one contractor.

D. Customer Requirements

The customer is required to provide the following:

- Owner to furnish all network connection to SimplexGrinnell equipment as required.
- Owner to furnish all phone lines for connection of SimplexGrinnell equipment as required.
- Owner to make available 110VAC/240VAC power required for all control equipment.
- Owner to furnish all site work (i.e.; saw cutting, trenching, concrete pads, etc.) as required for gate operator installation.
- Owner to furnish miscellaneous door hardware, and alignments as necessary.
- Owner to provide access to all areas were work will commence.
- Owner to furnish all PC hardware.

SCOPE OF SERVICES

Access Control System

We propose to furnish and install (1) security access control workstation connect to the City of Troy's security file server. Photo Badge capture and production will be generated at either the Troy Police Department or locally if voluntary alternate is accepted. We will also furnish and install (18) proximity card readers with associated control panels and security door devices (i.e., request-to-exit devices, alarm monitoring contacts) as described below.

1. Main Entrance Door - SG will supply and install (1) proximity card reader on the inner vestibule glass door, (2) desk mounted remote door release buttons, (1) door alarm monitoring contact, (1) request-to-exit motion detector, and electric door locking hardware interfaced with the handicap door operator, and (2) emergency desk mounted panic buttons.
2. Employee Entrance - SG will supply and install (1) proximity card reader on the exterior of the double glass doors (1) request-to-exit motion detector, (2) door alarm monitoring contacts, and associated electric door locking hardware.
3. Employee Entrance Ring Station – SG will supply and install (2) proximity card readers (punch in & out) and (1) display clock for the use of time entry.
4. Field Supervisors Office - SG will supply and install (1) request-to-exit motion detector, (1) door alarm monitoring contacts, for door status monitoring only.
5. Sign Shop - SG will supply and install (1) proximity card reader on the exterior of the double steel doors (1) request-to-exit motion detector, (2) door alarm monitoring contacts, and associated electric door locking hardware.
6. Water Room - SG will supply and install (1) proximity card reader on the exterior of the double steel doors (1) request-to-exit motion detector, (2) door alarm monitoring contacts, and associated electric door locking hardware. Also supply and install (1) overhead door alarm monitoring contact.
7. Mud Room - SG will supply and install (1) proximity card reader on the exterior of the single steel doors (1) request-to-exit motion detector, (1) door alarm monitoring contacts, and associated electric door locking hardware.
8. Water Storage Bldg. - SG will supply and install (3) overhead door alarm monitoring contacts for door status monitoring only, and (1) proximity card reader to control and disarm monitoring contacts.
9. Maintenance Yard Exit / Entry - SG will supply and install (2) proximity card readers inbound / outbound control of gate barriers, (2) Card reader stanchions, (2) Hands-free phones, (2) Barrier Gate Arms with associated loop detectors connected to under ground safety loops.
10. Main Garage - SG will supply and install (2) proximity card readers for inbound control of the east & west pedestrian garage door entrances (2) request-to-exit motion detector, (2) door alarm monitoring contacts, and associated electric door locking hardware. In addition to the above SG will also supply and install (4) overhead door alarm monitoring contacts and (4) Pedestrian door alarm contact for door status monitoring, and (1) proximity card reader to control and disarm monitoring contacts.

11. Streets Equipment Garage - SG will supply and install (1) proximity card reader on the inbound side of the north / west pedestrian door (1) request-to-exit motion detector, (1) door alarm monitoring contacts, and associated door locking hardware. In addition to the above SG will supply and install (6) overhead door alarm monitoring contacts and (1) Pedestrian door alarm contact for door status monitoring only, and (1) proximity card reader to control and disarm monitoring contacts. In addition a audible horn will be installed in this area if overhead doors remain open longer than the predetermined time allocated in security software. City Of Troy / DPW
12. Server / Phone Room Door - SG will supply and install (1) proximity card reader on the exterior of the single steel doors (1) request-to-exit motion detector, (1) door alarm monitoring contacts, and associated electric door locking hardware, (1) network controller and connectivity, (1) UPS battery system, (1) access control panel with associated power supplies and back-up batteries.
13. Remote Workstation (location TBD) – SG will supply and install (1) *Continuum* client software workstation on owner furnished desktop PC. Provide and install remote view CCTV camera software on owner furnished desktop PC.

CCTV Surveillance

We propose to furnish and install (1) digital video recording system with associated software and hardware connected via the City of Troy's LAN/WAN network. All cameras will be recorded via a time schedule or video motion for a minimum of thirty days. We will furnish and install (4) pan/tilt/zoom color cameras, (2) fixed color interior dome cameras, and (1) Four-way quad color dome camera with associated hardware (i.e.; power supplies, converters, mounting brackets, etc.) as described below.

1. Server / Phone Room – SG will supply and install head-end equipment in the server / phone room this will consist of; (1) digital video recorder w/ software, (1) 15" color flat screen display monitor, (1) keyboard & mouse, (1) power distribution unit, (1) UTP video receiver HUB, (1) vertical equipment rack with associated front plexi-glass door, lock hardware, and venting fans.
2. Main Lobby Entrance – SG will supply and install (1) fixed interior color dome camera with a standard lens behind the receptionist desk viewing the main entrance and surrounding lobby area.
3. Main Hallway – SG will supply and install (1) Four-way quad color dome camera for main hallway intersection viewing.
4. Mud Room – SG will supply and install (1) fixed exterior color dome camera with a standard lens on the interior side of the Mud room entrance viewing personnel requesting entrance in to facility.

5. N.W. & S.W. Exterior Corners - SG will supply and install a (2) pan /tilt /zoom color exterior dome cameras to view and monitor the perimeter of building and yard \ parking lot areas. The S.W. camera will be programmed for automatic call-up upon exit / entry of the gate operators.
6. Main Garage - SG will supply and install a (1) interior pan /tilt /zoom color dome camera to view and monitor the garage area, perimeter entrances, overhead doors, and parts crib. This camera will be programmed for automatic call-up and record upon alarm activation and after hour monitoring. City Of Troy / DPW
7. Remote Workstation (Location TBD) - SG will supply and install on owner furnished PC, CCTV monitoring and control software for multi-screen viewing / control and playback of all cameras connected to network. Note: Remote viewing software can be installed on additional PC workstations having the same ability as described above.
8. S.E. Front Entrance Exterior Corner - SG will supply and install a (1) pan /tilt /zoom color exterior dome cameras to view and monitor the perimeter of building and parking lot areas.

Fire Alarm System

We propose to furnish and install a fire alarm monitoring and evacuation system at the City Of Troy / DPW facility. After reviewing the proposed floor plan we have developed a system layout, which will meet local and state building codes. We have allowed for approximately 5% increase in panel capacity and field devices to meet code requirements. Additional work performed is as follows:

1. Furnish and install (1) addressable Fire Alarm Panel including but limited to, power distribution modules, back-up batteries, addressable zone cards, zone module cards, event reporting DACT, and expansion bay kit.
2. Furnish and install field indicating and notification devices, as required by code. (Approximately 56 – horn strobes, 5 – strobes, 6 – smoke detector, 2 – heat detector, 8 - relay output modules, 4-duct detectors, 12-manual pull stations).
3. Furnish and install necessary indicating and notification circuits require to facilitate above devices to meet all code requirements.
4. Furnish system engineering and drafting with as-build information after completion of project.
5. Furnish final system test checkout and start-up as required to complete the above referenced scope of work.
6. Furnish system programming and configuration as required for the above referenced devices.
7. Furnish system training as required for above system.
8. Furnish a One-year parts and labor warranty on the above referenced project

SimplexGrinnell Services

We propose to furnish the following services as a turnkey contractor to complete the subject job on time and within budget.

1. Engineering - SG will supply system engineering and drafting this will include system riser diagrams, floor plan layouts, panel terminations, device termination, mounting details, and as-build information after completion of project. City Of Troy / DPW
2. SG will supply (1) electronic copy in (AutoCAD format), and (3) sets of reproducible.
3. Cabling - SG will supply and install all associated control and communication circuits as required for the above referenced devices.
4. Conduit and Boxes - SG will supply and install all conduit and electrical back-boxes for exterior installation as required for the above referenced devices.
5. Power Circuits - SG will supply and install all necessary 110VAC/240VAC power as required for the above referenced devices.
6. Programming - SG will supply system programming and configuration as required for the above referenced devices.
7. Project Management - SG will supply on-site supervision and coordination of all trades required to complete the above referenced scope of work.
8. Technical Support - SG will supply final system test checkout and start-up as required to complete the above referenced scope of work.
9. Training - SG will supply system training upon final completion project.
10. Warranty – SG will supply a Two-year parts and labor warranty on the above referenced project.

PRICING

Access Control System	\$81,466.00
CCTV Surveillance System.....	\$29,450.00
Fire Alarm System.....	\$45,628.00

TOTAL COST: \$156,544.00

We are offering a **Cost Reduction** option of 5% if all three proposed systems are accepted, this is a cost saving of **\$7,828.00**. In addition to the cost reduction we also offering the Time Tracker Software (See optional pricing on page 7) at no addition cost if all three proposed system are accepted. The result of this cost saving will bring our new total systems cost to; **\$148,716.00**.

Note: See attached bill of materials for unit prices, and list of labor services.

OPTIONAL PRICING

1. Provide Time tracker software and necessary programming for time entry reporting (see attached data sheets for software functionality): **Add \$5,822.00**
2. Provide cost deduct for electrical permits if City of Troy waves all cost:
Deduct -\$1,300.00.

CLARIFICATIONS TO OUR BID

1. Pricing does not include sales or uses taxes add if required by law.
2. All SimplexGrinnell standard terms and conditions apply.
3. Our proposal is based upon straight time 1st shift, Monday-Friday 7:00 am - 3:30 PM, weather permitting.
4. Owner to provide access to areas required to perform the above referenced work.
5. Our proposal does not include permits and fees.
6. Owner to furnish all network connection to SimplexGrinnell equipment as required.
7. Owner to make available 110VAC/240VAC power required for all control equipment.
8. Owner to furnish all site work (i.e.; saw cutting, trenching, concrete pads, etc.) as required for gate operator installation.
9. Owner to furnish miscellaneous door hardware, and alignments as necessary.
10. Owner to furnish all PC hardware.
11. Price is valid for 60 days.

Thank you for opportunity to provide you with a response on this proposal, and if you should have any further questions please do not hesitate to give us a call.

Respectfully Submitted,
SimplexGrinnell LP

John E. Keith
Account Manager

Cc: W. Moore
J. Bennett

tyco

Fire &
Security

SimplexGrinnell

SimplexGrinnell LP
1250 Maplelawn Drive
Troy, MI 48084

Telecom line no. 1248-816-3220
Telecom line no. 2 248-816-3234
Telecom line no. 3 800-368-4676
www.simplexgrinnell.com

Memorandum

This correspondence may contain confidential information intended for the use of the individual or entity to whom it is addressed. If the reader is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination or copying is strictly prohibited.

Date March 28, 2006
To Jeannette Bennett - Purchasing
From John Keith
Subject City of Troy DPW – Security Management System

Enclosed please find a signed copy of our proposal for the above referenced subject. In addition please use this memorandum as confirmation that the Department of Public Works facility will be added to the City of Troy Police, Maintenance & Labor Pricing Agreement as requested.

If you should have any question or need further information please don't hesitate to call.

Respectfully,

John E. Keith
Account Manager