

# Statement of Work

## Lee County Healthcare Center Upgrade of Intrusion Detection System, Video Management System, and Lenel Station

The contractor shall provide all labor, equipment, hardware, software, testing training, licenses and other services as required to complete the following:

### **Intrusion Detection System:**

- Provide and install equipment necessary to make all existing I.D.S. network capable within existing enclosures and using existing wiring and components.
- Status of all I.D.S. alarm zones will be configurable and viewable by customer in the police operations/security room 1B-192. Configuration capabilities shall include but are not limited to detecting activation status of each device, arming and disarming of each device, status and alarm reports with complete history of each units activity back at least one year. All reports of alarms shall be reviewable and printer capable. All alarms shall report to the Police Command Center via the Lenel System.
- Configure and test 14 tamper switches that are currently not configured to detect tamper. Shall include ability for correcting Lenel programming up to 5 miss-programmed IDPS intrusion reporting. MP4, MJPEG, or AVI video capture of one sample for each configuration action type on the system shall be provided, if configuration action is performed via a PC.
- Six Customer specified IDPS locations shall be established and programmed for "Event Driven" prioritization activating camera prompting when a tamper or door is breached or activated.

### **Video Management System:**

- Bring current controllers up to same level as software.
- Alarm Monitoring System shall have maps of the facility's floor plans loaded; and shall provide system prompting that indicates an alarm event with the precise location on the monitoring screen.
- Identify all access control keypads that are currently not integrated into the system and program to make them fully functional.
- Provide and install new video management system equal to or exceeding the specifications of Salient Systems Complete view Pro:
  - Supports unlimited cameras
  - Simultaneous record, playback, live view, and export
  - Single Seat Administration
  - Multi Server Configuration

- Remote Software Update
- Video Client
- Alarm Client
- Mapping Client
- Web Client
- CV SpotLight
- Smart Search - based on motion in a defined area
- Support camera resolutions up to 11 Megapixel
- Automated Attendant
- Multiple monitor support
- Stable Recording Architecture
- Dynamic Resolution Scaling
- Flexible view configuration
- Email alerts
- Flexible Motion Detection
- Independent frame rate control
- Joy Stick control - software or USB
- Supported CODEC - MJPEG, Microsoft's MPEG4, ISO MPEG4, H.264
- Open Architecture - Standards based
- Royalty Free API
- Reuse all existing operational Pelco cameras.
- Reuse all existing workstations, network electronics, wires, cables, and monitors.
- Complete all programming and configuration. MP4, MJPEG, or AVI video capture of one sample for each configuration action type on the system shall be provided.
- Provide a minimum of 16 TB storage or enough for 24/7 motion recording at 7 frames per second for all existing cameras and resolution for a minimum of 30 days storage.
- The System shall be equipped with an external drive capable of downloading all stored information, to an external media and formatted for non-lenel licensed system viewing of media formats such as: MPEG, JPEG, or PDF. This format is required for use as evidence in court proceedings or other external legal reviews.
- A complete disk image of the fully configured system hard drive will be provided. The image shall be demonstrated as fully functional when restored to a new hard drive. Alternatively, RAID configuration, with disk imaging may be used. Mirrored disk shall be hot swappable and self-recovering in event the other drive fails.

#### **Lenel PIV Enrolment Station:**

- Provide one Lenel PIV enrollment reader and associated workstation to include installation, UPS, and programming.
- CPU specs shall be equal to or greater than Dell OptiPlex 3010 Small Form Factor- Intel Core i3-2120 Processor - 3.3GHz - 3MB; 4GB - NON-ECC - 1600MHz - DDR3 [1 DIMM]; 8X Slim line DVD+/-RW; 250GB SATA II 3.0Gb/s; 7200 rpm hard drive; 1GB AMD RADEON™ HD 7570 - Dual MON (1 DP & 1 DVI); Windows 7 Professional 64-bit or capable of supporting a minimal of one

and one half times the systems existing operating systems capabilities and hardware at the time of completion of this project.

### **Facial Recognition System:**

- Provide a facial recognition system / server equal to or greater than 3vr facial video analytic specs and at a min. 1 camera running this video analytic against an internal database. Designated camera(s), required for facial recognition support, shall be installed in locations consistent with obtaining clear distinguishable photographs; and deliver uninterrupted quality in each location(s) specified as patient entrances.

### **Training:**

A maximum of 8 hours of system functional training shall be provided immediately after installation, testing and acceptance.

### **General notes**

All work shall be coordinated with V.A. Engineering staff so that all work and shut downs of the security systems will not affect patient care or normal operation of the facility. All work shall be installed in accordance with all applicable IEEE, NIST, and VA installation standards and preferred practices.

In the event of conflict between standards or recommendations the more rigorous shall apply, to the extent that the standard is appropriate for the particular type and model of equipment. Guidelines outlined by the VA construction Policy which include procedures for Above Ceiling Permits, Shutdown Notifications, and Infection Control Risk Assessments apply.

### **Evaluation Criteria:**

All quotations shall be evaluated on the criteria below. Solicitation is Lowest Price Technically Acceptable (LPTA). All technical factors, sub-factors, and past performance, when combined, are significantly more important than price

1. Technical – Exact match to or exceed requirements with 100% compatibility to the current Lenel System.
  - a. management plan for installation to include schedule of events
  - b. key personnel
  - c. personnel qualification
2. Past Performance
3. Price