



City of Hyattsville - Courthouse
Hyattsville, MD
Access Control and Video Surveillance System

Prepared for: City of Hyattsville
System Type(s): ACS - VSS
Submitted by:
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HVAC Complex AE Sales

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SCOPE OF WORK

SYSTEM OPERATION

Johnson Controls Security Solutions (JCSS) will install, program, test, and commission an addition for an existing Genetec Video Surveillance System for City of Hyattsville located at 4310 Gallatin St, Hyattsville, MD 20781. The customer provided security drawings and documents have been used as a reference to design the proposal.

IMPORTANT: Due to today's high inflationary market, global supply change shortages due to COVID and dynamic manufacturer price increases, Johnson Controls can only honor this quote for **30 days**. If a purchase order is not received within **30 days**, this quote will serve as a budgetary number and will need to be re-quoted prior to being processed by Johnson Controls. Thank you for your business in these unprecedented times.

TERMS AND CONDITIONS

- All work is quoted to be performed during normal business hours.
- The 120VAC power and active network port must be located within 6 feet of the headend equipment.
- KVM for server(s) is **NOT** included in this proposal.
- UPS Power is **NOT** included in this proposal.
- Rack(s) and rack accessories are **NOT** included in this proposal.
- Training is **NOT** included in this proposal.

JCSS/JCI Sub will provide:

- Wireless Card reader and Accessories are included in this proposal.
- Hardwired Card readers and other field devices are included in this proposal.
- Locking hardware strikes for some doors are included in this proposal.
- Server(s), Workstation(s) and accessories are included in this proposal.
- Monitor, Keyboard, and mouse are included in this proposal.
- New Hanwha cameras and their respective mounts are included in this proposal.
- New PoE switches and SFP Copper Accessories are included in this proposal.
- All the required software is included in this proposal.

Others/Customer will provide:

- 20amp @ 120VAC circuit and grounding wire were needed to be provided by others.
- Underground conduits, patching, repainting, and penetrations are to be provided by others.
- Fire Relay needs to be within 3ft of each new power supply. Customer will provide all wiring & dry contacts for connection of the Access Control System to the building Fire Alarm System.
- Network drops within 3ft of the panel location to be provided and installed by others.
- Exclude the Permit docs, to be provided by others.

- The Customer or others will provide & install all plywood backboards & ensure adequate wall space is available for the installation of all necessary security headend equipment.
- Customer to provide dedicated IP network resources required for the security System. This includes associated ports, IP address ranges, network drops, and access to locations where head-end equipment must be installed.
- If required, the customer may be asked to provide either the Elevator or Auto door contractor, if needed to proceed with a device location that is to interface with one or both contractors' equipment.

SCOPE OF WORK

Access Control System

- Genetec system for 41 Wireless Card readers and 18 Hardwired card readers will be provided:
 - LifeSafety enclosures with Dual Voltage Power Supply for the Hardwired Doors. These will be located on the second floor.
 - Mercury Main Board Controller and Mercury Dual Reader Board provided.
 - Mercury Cloudlink board provided.
 - LifeSafety enclosure Single Voltage Power supply for the Elevator. This will be located on the ELEC. EQ. Room
 - Power sonic Backup batteries for all the LifeSafety enclosures.
- Additional software provided for the wireless locks card readers.
- The field devices will be provided:
 - Assa Abloy Wireless Locks solution
 - HID 40NKS-00-000000 Wire Card Reader
 - HES 9600-630 Surface mount Strike
 - Bosch DS150i Rex sensor
 - GRI 4405-A Door surface contact
 - Dortronics 6510/BL-S35XCS Emergency pull station
 - Altronix RBST Relay Module
 - Honeywell Wave2 Sounder
- JCSS will install, terminate & test all new composite cables for the access points to the Access Control Panel. Cable distribution as follows:
 - 18/6 Cable for Card Reader.
 - 22/4 Cable for Door Contacts.
 - 18/4 Cable for REX Motion Sensor.
 - 16/2 Cable for Locking Hardware.
- JCSS will install, terminate & test all new 18/4 cable for the Emergency Pull Station to the Access Control Panel.

Video Surveillance System

- Genetec system for 27 cameras will be provided:
 - Genetec SV-2040E-R12-96T-12-410 Streamvault 2040 Series 96 TB. The recoding parameters used for the calculation were 30 days stored, 15 fps, 24 recording hours for

- exterior cameras and 12 recording hours for interior cameras. This will be located on the Third floor.
 - Genetec SVW-305E-SF1-S2000-I7 Workstation 305E Series, Dell P2722H 27" Monitor and Logitech 920-004536 MK270 Wireless combo Keyboard and mouse set. This will be located on the Third floor.
 - Lantronix SM24TAT2SA-NA PoE + Switch and Lantronix TN-SFP-T-MG SFP Copper connectors for the connection between the PoE switches. This will be located on the Third floor.
- The software required will be provided:
 - Genetec SV-CFG-SRV-5.10 Configure with Security Center.
 - Genetec GSC-OM-E-1C Camera connection.
 - Genetec SV-CFG-SRV-5.12 Streamvault Configure with Security Center.
 - Genetec ADV-CAM-E-5Y Advantage for 5 Years.
- The field devices will be provided:
 - Hanwha QNF-8010 360° Indoor Fisheye Camera 6MP surface mount.
 - Hanwha PNM-12082RVD IR Multi-directional Indoor Dome Camera 6MP surface mount.
 - Hanwha QNV-8080R Indoor/Outdoor IR Dome Camera 5MP with varifocal lens.
 - Hanwha SBP-301HMMW2 small Cap adapter, SBP-300WMW1 Wall mount and SBP-300KMW1 Corner mount for outdoor cameras.
 - Ditek DTK-MRJPOEX Surge protector for Dome outdoor cameras.
- JCSS will install, terminate & test all CAT6 cable for Cameras to the PoE network switches.
- JCSS will install, terminate & test all new 5ft Outdoor Patch cable for the surge protector to the outdoor cameras.
- JCSS will install, terminate & test all new 3ft Patch cable for the patch panel to the PoE network switch.

Camera Project Cost	\$82,057.00
Access Control Project	\$192,687.79
Total Cost:	<u>\$274,744.00</u>

KEY CONTACTS

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