282300 VIDEO SURVEILLANCE

PART 1 GENERAL

1.1   ABBREVIATIONS AND DEFINITIONS

A. CCTV – Closed Circuit Television. CCTV will be used in this document.

B. NVR – Network Video Recorder. NVR will be used in this document.

C. FHD – Full High Definition. FHD will be used in this document.

D. PoE – Power over Ethernet. PoE will be used in this document.

E. MAC – Media Access Control. MAC will be used in this document.

1.2   DESCRIPTION

A. Contractor to furnish and install current model PoE compliant IP based CCTV cameras and needed accessories to integrate with Kutztown University's Genetec Security Center application system.

B. The University IT Manager must approve in writing the contractor performing the work. This authorization sets a standard and consistency for the University CCTV security network.

C. The contractor must provide all licenses that are needed for the cameras for successful integration into the university's Genetec environment.

D. Contractor to provide MAC address of each camera and label / description of the camera location to University IT.

E. Contractor to program cameras with network IP addresses information as provided by University IT once the camera MAC addresses have been received.

F. Contractor to aim and focus cameras at locations as specified by Kutztown University Public Safety and Police Services department.

G. Contractor to work with university IT to program the cameras in the university Genetec system once the cameras have been individually configured and installed.

H. Provide specific details consistent with the contract documents as required for the creation of shop drawings and as-built drawings.

1.3   QUALIFICATIONS

A. The contractor must be a certified installer having attended manufacturer training and obtained certification in Genetec Security Center – Omnicast Technical Certification or Genetec Security Center – Enterprise Technical Certification. A copy of the certification must be included as part of the submittals.

B. If an LPR camera is specified for the project, the contractor must additionally have attended manufacturer training and obtained certification in Genetec Security Center – AutoVu Technical Certification.

C. The contractor shall be a Genetec certified partner with Unified Elite qualifications.

D. The successful bidder shall have at least five (5) years of experience installing and servicing CCTV systems and shall provide a list of completed projects equivalent in size and complexity to this project, with names and telephone numbers.

E. The successful bidder shall maintain an office or competent technical presence with appropriate testing equipment and replacement parts within a 50-mile radius from this project.

F. The contractor will completely warrant the work, both in labor and materials, for a period of not less than (1) year after completion. The contractor shall provide all warranties from the manufacturer.

1.4   CAMERA SPECIFICATIONS

A. Cameras should be current model, minimum 2 megapixel, FHD 1080p or better PoE IP based cameras that are best suited for the targeted viewing area and compatible with the university Genetec system as evidenced on the published Supported Device List on the Genetec website.

B. The contractor should consult with university IT as to the currently installed version of Genetec software in our environment to verify compatibility of proposed cameras.

C. The contractor should consult with University IT to determine available PoE resources in network switching infrastructure to power the proposed cameras. If PoE injectors are deemed necessary for the project, they are to be provided and installed by the contractor.

D. ACCEPTABLE MANUFACTURERS:

1. Hanwha

2. Axis

3. Bosch

4. Genetec AutoVu SharpV (ALPR only)

1.5   SERVER SPECIFICATIONS

A. The NVR or archiving server shall be appropriately sized for the number of cameras proposed to maintain a minimum of 45 days of retention per camera.

B. SERVER MANUFACTURERS:

1. Genetec Streamvault

1.6   CABLING AND WIRING

A. All cabling from the camera to the university IT infrastructure will be installed by others as per Division 27 specifications.