



YORK SCHOOL DEPARTMENT
OFFICE OF THE SUPERINTENDENT OF SCHOOLS

SECURITY CAMERAS FOR THE YORK SCHOOL DEPARTMENT

Proposals are being requested by the York School Department for Security Camera upgrades in the four school buildings and central office as specified below and in the outline attached hereto as; Appendix A - scope & equipment specifications, Appendix B - map.

Complete written proposals shall be submitted in envelopes plainly marked, "York School Department Security Cameras" to the Business Administrator, York School Department, 469 US Route 1, York Maine, 03909, not later than **12:00 p.m. (noon) Tuesday, November 22, 2022** at which time they will be publicly opened. Proposals received after that time and date shall not be accepted. Proposals will be evaluated in accordance with the specifications detailed in Appendix A.

Each proposal shall indicate that the applicant has visited the site and is aware of existing conditions at the site. A pre-bid site visit will be held on **Wednesday November 9, 2022 at 9:00am –Starting at the York School Department Office**

The selected vendor will be required to provide 3 work references from previous commercial security camera projects, and a certificate of insurance for public liability, and property damage for a minimum of \$1,000,000.00.

Each proposal shall be signed by a person legally authorized to bind the vendor to a contract.

The vendor shall signify in the proposal that he/she has read and understands all conditions as outlined in this Request for Proposals and the attached Appendices.

The vendor shall include all the labor, materials, and incidentals to complete the identified scope of work.

The vendor shall include the proposal price including per unit cost of each fixture type should a unit need to be added to the scope at a later time.

Payment and performance bonds will be required by the selected vendor.

The vendor shall rely only on information contained in the Request for Proposal and written addenda hereto.

Selected sections of vendor response may be incorporated as part of any agreement the York School Department executes with the selected vendor.

Questions regarding this Request for Proposal must be directed in writing to Chris Rynne, Building and Grounds Manager or his designee at the above address. Questions which may influence vendor responses will be answered in writing with copies to all vendors as addenda to this Request for Proposal.

If your business is a foreign corporation, limited liability company, limited partnership and or limited liability partnership, you must include with your proposal, proof from the Maine Secretary of State's office that you are qualified to do business in the State of Maine.

The General Conditions shall be per the Maine Bureau of General Services:

<https://www.maine.gov/dafs/bgs/sites/maine.gov.dafs.bgs/files/inline-files/00%2072%2013%20General%20Conditions%2027%20April%202021.docx>

The York School Department reserves the right to negotiate with the selected vendor as to the scope of services and fees.

The York School Department also reserves the right to waive or disregard any informality, irregularity, or deficiency in any proposal received and to reject any or all proposals received for whatever reason it deems appropriate.

Zak Harding

Business Administrator

Mailing address: 469 US Route 1, York Maine, 03909

Telephone (207) 363-3403 Fax (207) 362-5602

York School Department

Appendix A

Scope

Security Cameras for the York School Department

Proposals are requested for an electrical project to upgrade the CCTV system in the four school buildings.

All proposals should describe in detail each of the following:

1. The full extent and scope of the proposed project as it relates to the devices identified per locations on Appendix B.
2. Applicants must submit appropriate written evidence of their experience and/or qualifications for their particular proposal. Three (3) written references attesting to the experience and/or qualification of the applicants to accomplish their intended project goals are also desired.
3. Plans for maintenance and upkeep, as well as protection of the project area, both during the project and upon completion.
4. Ability to comply with all Federal, State, and local laws, rules, and ordinances.
5. The York School Department has set a time frame of **January 3, 2023 to August 20, 2023** for completion of this project. Vendor may work “after hours” throughout, and during the school year in areas that do not disrupt the programming of the schools
6. Applicants must agree in their employment practices and provisions of services to the public not to discriminate on the basis of race, religion, creed, color, age, sex, physical or mental handicap, or national origin.
7. All responses to the aforementioned proposal requirements will be considered individually and as a whole, and the York School Department will make a decision that it determines is in its best interest. The York School Department reserves the right to select or reject any or all proposals, and may negotiate a final agreement with the successful applicant.

8. All applicants will demonstrate knowledge of applicable State, and Federal grants and awards for lighting and energy projects.
9. Each proposal shall indicate that the applicant has visited the sites and is aware of existing conditions at the site. A pre-application site visit will be held on **Wednesday November 9, 2022 at 9:00am –Starting at The York School Department Office**
10.
 - York School Department Office, 469 US Route 1, York Maine, 03909
 - Village Elementary, 124 York Street, York Maine, 03909
 - Coastal Ridge Elementary, 1 Coastal Ridge Dr., York Maine, 03909
 - York Middle School, 30 Organug Rd., York Maine, 03909
 - York High School, 1 Robert Stevens Dr., York Maine, 03909
11. Applicants' attendance at the site visit is highly encouraged and failure to attend may be the basis for rejection of the application. Applicants unable to attend the site visit should contact Chris Rynne, Building and Grounds Manager at (207) 363-3403, in advance to request an alternate time for a site visit.

Applicable Buildings:

York High School, York Middle School, Village Elementary School, Coastal Ridge Elementary School, **Superintendent's Building**

Scope of Work:

The following is a summary of the upgrades by building:

York High School:

QTY Description

1 Bullet Camera, 1080P (Viewing Shed)
3 Compact Fixed Mini Dome (1st floor)
1 Network Camera (Gym)
11 Fixed Dome Camera (2 on 1st flr & 9 on 2nd flr)
1 Compact Fixed Mini Dome (2nd floor)
1 Dome Camera (Kitchen Courtyard)
18 Enterprise Option per IP Channel
18 Keystone Jack, Blue, Cat6, 8-Positi
36 TL Cat6 UTP Gigabit Ethernet Patch Cable
5 C6A Blu Jkt 1000'

- Install CAT6 to all camera locations listed below
- Connect cameras to customers existing network

- Install 360* IP camera at the intersection of Corridors C146 and C147
- Install Fixed dome IP camera in Corridor C143
- Install 360* IP camera in Library C103
- Install Fixed dome IP camera in Cafeteria E103
- Install 180* IP camera in Gym E102
- Install Fixed dome IP camera in Gym vestibule
- Install Fixed dome IP camera in Cafe courtyard
- Install 360* IP camera in Corridors B114 and B107 intersection
- Install IP bullet camera on exterior to view storage shed
- Install 180* IP camera in Corridor B217 by stair B216
- Install Fixed dome IP camera in stair B207
- Install Fixed dome IP camera in Corridor A210
- Install Fixed dome IP camera in Corridor A210
- Install Fixed dome IP camera in Corridor A219
- Install Fixed dome IP camera in Corridor A201
- Install Fixed dome IP camera in Corridor A224
- Install Fixed dome IP camera in Stair A230
- Install Fixed dome IP camera in Corridor A229
- Program all cameras to record at 15FPS on motion
- Verify all camera views with customer

York Middle School:

- 9 Fixed Dome Camera
- 2 Compact Fixed Mini Dome
- 7 Network Camera
- 3 Pendant Kit
- 3 Wall Mount, Indoor/Outdoor
- 3 Corner Bracket
- 21 Enterprise Option per IP Channel
- 1 Network Camera (Courtyard)
- 2 Fixed Dome Camera (Gym)
- 6 GAP:EMT Galv Steel Conduit 3/4 x 10'
- 5 C6A Blu Jkt 1000'
- Install multisensor corner mount camera outside (exterior) of Room 2307 viewing rear Playground and
- basketball courts
- Install multisensor corner mount camera outside (exterior) of Room 2314 viewing Playground and ball fields

- Install 180* wall mount camera outside (exterior) of Gym viewing the Courtyard
- Install multisensor corner mount camera outside (exterior) of Gym viewing main entrance, student loading area and parking
- Install (2) 180* cameras in Gym. One on each end
- Install Fisheye camera outside of Principals office 2nd floor
- Install multisensor to view the intersection of four corridors outside of room 2209
- Install multisensor to view the intersection of four corridors outside of room 2312
- Install multisensor to view the intersection of four corridors outside of room 3209
- Install multisensor to view the intersection of four corridors outside of room 3312
- Install Fisheye camera outside of room 3104 at corridor intersection 3rd floor
- Install Fixed dome in Corner outside of room 1311 viewing corridor 1st floor
- Install Fixed dome to view Team Room corridor 1st floor
- Install (2) Fixed dome cameras in the main stairwell. One on level 2 and one on level 3
- Install (2) Fixed dome cameras in the Stairwell #2. One on level 2 and one on level 3
- Install (2) Fixed dome cameras in the Stairwell #6. One on level 2 and one on level 3
- Install CAT6 cable for each new camera to the nearest IT room.
- Install (21) licenses on existing NVR. Program camera to record at 15FPS.
- Verify camera views with customer

QTY Description

Village Elementary School:

8 Compact Fixed Mini Dome (Interior)
 3 Dome Camera (Exterior)
 4 Fixed Network Dome (Interior)
 3 Network Camera (sides and rear of building)
 1 Network Camera (front of building)
 1 Network Camera (Gym)
 20 Enterprise Option per IP Channel
 40 Cat6 UTP Gigabit Ethernet Patch Cable
 20 Keystone Jack, Blue, Cat6, 8-Positi
 5 C6A Blu Jkt 1000'

- Install CAT6 to all camera locations listed below
- Connect cameras to customers existing network
- Install 360* IP camera in corridor outside of Rm. 247
- Install 360* IP camera in corridor at the intersection outside of Rm. 245

- Install 180* IP camera on exterior out side of Rm. 245 to view playground
- Install Fixed dome IP camera in corridor outside of Rm. 242
- Install 360* IP camera in corridor at th the intersection outside of Rm. 237
- Install 360* IP camera in corridor at th the intersection outside of Rm. 231
- Install Fixed dome IP camera outside of Rm. 242 viewing portables
- Install 180* IP camera on exterior out side of Rm. 230 to view playground/ shed
- Install 360* IP camera in corridor at th the intersection outside of Rm. 228
- Install Fixed dome IP camera in corridor outside of Rm. 227
- Install Fixed dome IP camera in corridor outside of Rm. 224
- Install 180* IP camera on exterior out side of Rm. 261 to view playground
- Install 360* IP camera in corridor at th the intersection outside of Rm. 224
- Install 180* IP camera in Gym 150
- Install 360* IP camera in corridor at th the intersection outside of Rm. 238
- Install 360* IP camera in Rm. 152
- Install Fixed dome IP camera in vestibule outside of Rm. 117
- Install Fixed dome IP camera in under canopy outside of Rm. 152
- Install Fixed dome IP camera outside of Rm. 113 viewing parking area
- Program all cameras to record on motion at 10FPS
- Verify camera views with customer

QTY Description

Coastal Ridge Elementary School:

QTY Description

- 2 Dome Camera (Stairwell)
- 4 Network Camera (corners)
- 4 Pendant Kit
- 4 Wall Mount, Indoor/Outdoor
- 4 Corner Bracket
- 5 Fixed Network Dome (vestibules)
- 3 Fixed Dome Camera (Interior fixed domes)
- 8 Compact Fixed Mini Dome
- 1 Network Camera (Gym)
- 23 Enterprise Option per IP Channel
- 44 TL Cat6 UTP Gigabit Ethernet Patch Cable
- 22 Keystone Jack, Blue, Cat6, 8-Positi
- 5 C6A Blu Jkt 1000'

- Install CAT6 to all camera locations listed below
- Connect cameras to customers network
- Install 360* IP camera in the corridor at the intersection by RM. 130
- Install (2) 360* IP cameras on the exterior corners of the gym with corner mounts
- Install 180* IP camera in Gym
- Install fixed dome IP camera in Cafeteria
- Install fixed dome camera in lobby for Cottage Rm. 139 and Rm. 138
- Install 360* IP camera in the corridor at the intersection by RM. 134
- Install 360* IP camera on the corridor entry by rooms 133 and 134
- Install fixed dome IP camera in main office
- Install fixed dome IP camera in corridor outside of Rm. 125
- Install 360* IP camera in the corridor at the intersection by RM. 108
- Install (2) fixed dome IP cameras with cross shot viewing rear walkway outside of the Art room
- Install 360* IP camera in the corridor at the intersection by RM. 102
- Install fixed dome IP camera in Stairwell by Rm. 102
- Install 360* IP camera in the corridor at the intersection by RM. 112
- Install fixed dome IP camera in Stairwell by Rm. 112
- Install 360* IP camera on corner outside of room 112 viewing the playground
- Install 360* IP camera in the corridor at the intersection by RM. 212
- Install fixed dome IP camera in Stairwell by Rm. 212
- Install 360* IP camera in the corridor at the intersection by RM. 208
- Install 360* IP camera in the corridor at the intersection by RM. 202
- Install fixed dome IP camera in Stairwell by Rm. 202
- Program cameras to record at 15FPS on motion
- Verify all camera views with customer

Central Office:

- Goal is to cover the exterior fully. Map and line item scope are not defined at this point
- Basic assumption would be 4 360 deg. external dome cameras

12. VIDEO INFRASTRUCTURE

- A. Video Management Server and Storage Solution
 - a. The Network Video Recorders (NVR) shall be a cloud-ready, purpose-built managed solution with security-hardened OS, with built-in server-side analytics unlocking advanced AI capabilities on any connected video stream.
 - b. The Video Management Servers shall run video management software to accommodate all cameras shown and specified, plus 20% available overhead to scale for future expansion.
 - c. Assumption is one server per building.
 - d. Assumption is System Manager can have one login to access all locations.

- B. Video Management Servers:
- a. P/N: 32 TB with ACC or P/N: 48 TB with ACC.
 - b. Specifications for Standard:
 - i. Operating System: Hardened OS, supports secure remote upgrades.
 - ii. Hard Disk Drive Config (video): RAID 6, up to 8 x 3.5” hot swappable.
 - iii. Hard disk config (OS): 2 x M.2 SSD drives, RAID 1.
 - iv. Storage Capacity: up to 48 TB (RAID 6).
 - v. Network Interface: 4 x 1 GbE RJ-45 ports.
 - vi. System Memory: 2 x 8 GB.
 - vii. Processor: 1 x Intel Xeon.
- C. Compression: the VMS shall support storage and processing of video and audio as follows: Natively record camera signals with no transcoding. Support industry standard video compression formats, including, but not limited to, the following:
- a. JPEG2000
 - b. MJPEG
 - c. MPEG-4
 - d. H.264
 - e. H.265
- D. All components shall be National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2019 (Pub. L. 115-232). Section 889(a)(1)(B) complaint:
- a. Certain Telecommunications and Video Surveillance Services or Equipment is prohibited. As described in Public Law 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities). See 2 CFR § 200.216.
- E. Mobile 3 Software: the VMS shall include a Mobile app to allow for the following: push alarm notifications, view live and recorded video, monitor two-way audio, view self-learning video analytics overlays, monitor digital output triggers, and allow PTZ control for Android and iOS mobile devices.
- F. Appearance Search Technology: the VMS shall implement a sophisticated AI search engine to allow investigators to sort through large amounts of recorded video to quickly locate individuals or vehicles of interest across an entire site. Search for people or vehicles of interest by entering its physical description, uploading a photo or by finding an example in a recorded video.

—END OF APPENDIX A—