

**ACCESS CONTROL UPGRADES / WPS – BID #: 8377-W5**  
**BID SPECIFICATIONS / SCOPE OF SERVICES**

The City of Worcester is soliciting bids on behalf of Worcester Public Schools (WPS) for a project involving the integration of various access control features across their facilities. This is a lump sum project with individual unit prices with estimated quantities included herein (see general bid form).

*A mandatory pre-bid walkthrough of **all** the listed sites will be conducted starting at 9am on March 11th-13th, 2025 starting at Heard Street School, 200 Heard St, Worcester, MA 01603.*

DCAMM Certification required in: Access Control Systems

This includes the procurement and installation of:

- 25 Video Stations
- 25 Badge Readers
- 60 Door Controllers
- 30 Electric Strikes
- 60 Wired Door Contacts

**SPECIFICATIONS**

Video Stations:

- AXIS A8207-VE Mk II Network Video Door Station
- Part Number: 02026-001

Badge Readers:

- HID multiCLASS SE RP40
- Part Number: 920PTNTEK00000

Door Controllers:

- AXIS A1210 Powered by Genetec Network Door Controller
- Part Number: 02368-001

Electric Door Strike:

- HES or Maglock (Models will vary based on door type)

Door Contacts:

- Honeywell 950W or equivalent

ID Badge Cardstock:

- HID SEOS/iClass/Prox card
- Part Number: 52060PSPGGANN
- Quantity: 2000 cards
- Specifications for card programming will be provided to the winning bidder.

Door Controller Installation Requirements:

- Door Controller will be installed, wired, and connected to the specified door electric strike, video station or card reader, and CAT6 ethernet network connection.
- The door controller will be mounted inside the building above the door it will control.

- Door contacts will be installed on the door frame and wired to the door controller for each door controlled. Door contact will be connected to a Normally Closed (NC) input.
- Door contact magnet will be installed on the door slab.
- Electric Strike will be installed, wired to the door controller, and wired to 'Fail Secure' unless otherwise prohibited by building code. (Magnetic)
- An I/O wire will be installed between the door controller I/O1 port and I/O4 on the Video Station. UL listed or R/C AWM wires that have a conductor gauge range of AWG 22–14 shall be used.
- The vendor must confirm the full door controller functionality with the WPS IT Department.

#### Video Station Installation Requirements:

- The video station will be installed utilizing a proper bracket on the exterior of the building at the door specified by the WPS.
- Video station will be mounted per Axis documentation and recommended height (1-1.6m from the ground)
- Must be connected to a CAT6 ethernet network connection (existing or new installation)
- The video station built-in card reader must be wired to a new or existing door controller for the specified door.
- The vendor must confirm full video station functionality with the WPS IT Department.

#### Card Reader Installation Requirements:

- Card reader will be mounted per manufacturer specifications.
- Card reader will be wired to the door controller for the specified door
- ALPHA Communication and Control 1295C (22 AWG) 5 conductor minimum stranded with overall shield cable or equivalent will be used for connection to the door controller.
- The vendor must confirm full card reader functionality with the WPS IT Department.

#### Wiring and Mounting General Requirements:

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- All provided Cat6 (patch cable or plenum bulk) will be Yellow in color.
- All wiring potentially exposed to the weather will use weather-tight connections.
- Vendors will be required to terminate to the nearest backbone IDF. If there are insufficient open ports available on the existing patch panels to punch down data drops, a new Cat-6 patch panel will be installed by the vendor. (Belkin, Commscope, Hubble)
- Vendors may be required to run cabling further than the nearest IDF.
- No wire run will exceed CAT 6 specified maximum distance of 100 Meters.
- Vendor is responsible for providing all patch panels, connectors, hangers, patch cables, mounting hardware and any other supplies necessary to provide a complete (turnkey) installation.
- Hangers must be used above ceiling tiles and may not be laid on top of tiles.
- Any wiring done below the ceiling must be piped in EMT unless otherwise authorized by the WPS IT Department.
- Vendor is responsible for providing watertight connections for exterior-mounted cameras and intercoms.
- All interior penetrations must be fire-stopped and the exterior caulked.

**All programming will be done by the WPS IT Department. All video stations and door controllers will be shipped or dropped off at the WPS Network Operations Center for programming prior to installation. The vendor will be responsible for collecting the hardware before installation.**

All work is to be conducted during hours when there is no student activity unless pre-arranged with the district. This will typically mean after normal school business hours.

Hazardous materials may exist. It is the Vendor's responsibility to avoid and not disturb. If such materials are disturbed, the Vendor is responsible for all costs associated with the cleanup and verification testing (by WPS vendor of choice) to ensure cleanup is complete.

**Bidders are required to be:**

**Authorized Axis Reseller for a minimum of the past 2 years. *(please include evidence of this certification with bid submission)***

**INSTALLATION SITES:**

Chandler Magnet – 525 Chandler St, Worcester, MA, 01602

City View Discovery School – 80 Prospect St, Worcester, MA 01605

New Citizen's Center – 1407A Main Street, Worcester, MA 01603

Gerald Creamer Center – 120 Granite St, Worcester, MA 01604

Goddard School of Science and Technology – 14 Richards St, Worcester, MA, 01603

Heard Street Discovery Academy – 200 Heard St, Worcester, MA 01603

May Street Elementary – 265 May St, Worcester, MA 01602

Mill Swan Head Start – 337 Mill St, Worcester, MA 01602

Millbury Street Head Start – 389 Millbury St, Worcester, MA 01610

Greendale Head Start – 130 Leeds St, Worcester, MA 01606

Norrback Avenue School – 44 Malden St, Worcester, MA 01606

Rice Square School – 76 Massasoit Rd, Worcester, MA 01604

Sullivan Middle School – 140 Apricot St, Worcester, MA 01603

Vernon Hill Elementary – 211 Providence St, Worcester, MA 01607

Worcester Arts Magnet School – 315 St Nicholas Ave, Worcester, MA 01606

Wawecus Road School – Wawecus Rd, Worcester, MA 01605

Worcester East Middle School – 420 Grafton St, Worcester, MA 01604

Fanning Building – 24 Chatham St, Worcester, MA 01609

- Installation scheduling must be coordinated with the WPS IT Department prior to arriving on-site.
- **All work must be completed by June 30th, 2025.**