

## **SPECIFICATIONS:**

### **Item #1: Low Voltage Wiring at 170 Apricot St**

- Purchase and repair of one (1) interior camera and one (1) CAT6 line.

Installation must be completed no later than **90 days ARO**.

#### **Location:**

170 Apricot Street  
Worcester, MA 01603

#### **Goods/Services:**

##### ***Camera Equipment:***

- (1) Axis P3727-PLE

##### ***Services:***

- (1) CAT6 cable to be run from interior camera nearest IDF
- Mounting, aiming, and installation of camera equipment

### **Wiring and Mounting Requirements:**

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- Vendors will be required to terminate to the nearest backbone IDF, provided room is available for additional patch panels. 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.
- Vendor is responsible to provide watertight connections for exterior mounted cameras and intercoms.
- All interior penetrations must be fire stopped and the exterior caulked.

The Vendor is responsible for all costs associated with the installation of cameras including, but not limited to, all permits, lifts (interior or exterior) and/or bucket truck where required.

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 Vendors 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.

Camera Installation:

Integration of cameras will include a meeting, before project start, with WPS personnel to verify correct positioning and aiming of cameras.

Integration will be considered complete only after verification, by Worcester Public Schools Technical Services, all work has been performed as per specification. No payment will be made before this verification.

Bidders are required to be:

- Authorized Axis Reseller for a minimum of the past 2 years.

Item #2: Low Voltage Wiring at 20 Irving St

- Replacement of one (1) exterior camera with mounting gear and one (1) CAT6 line

Installation must be completed no later than **90 days ARO**.

Location:

20 Irving Street  
Worcester, MA 01609

**Goods/Services:**

***Camera Equipment:***

- (1) Axis T94F01MJ (J-Box Plate)
- (1) Axis T91P01B (Corner Bracket)

***Services:***

- Wiring, mounting, aiming, and installation of camera and access control equipment

**Wiring and Mounting Requirements:**

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- Vendors will be required to terminate to the nearest backbone IDF, provided room is available for additional patch panels. 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.
- Vendor is responsible to provide watertight connections for exterior mounted cameras and intercoms.
- All interior penetrations must be fire stopped and the exterior caulked.

The Vendor is responsible for all costs associated with the installation of cameras including, but not limited to, all permits, lifts (interior or exterior) and/or bucket truck where required.

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 Vendors 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.

Camera Installation:

Integration of cameras will include a meeting, before project start, with WPS personnel to verify correct positioning and aiming of cameras.

Integration will be considered complete only after verification, by Worcester Public Schools Technical Services, all work has been performed as per specification. No payment will be made before this verification.

Bidders are required to be:

- Authorized Axis Reseller for a minimum of the past 2 years.

Item #3: Low Voltage Wiring at 140 Harrington Way

- Purchase and repair of mounting equipment for (1) network camera repair.

Installation must be completed no later than 90 days ARO.

Location:

140 Harrington Way  
Worcester, MA 01604

**Goods/Services:**

**Task #1:**

**Camera Equipment:**

- (1) AXIS T91A64 Corner Bracket
- (1) Axis T94N01D Pendent Kit

**Services:**

- Re-mounting, aiming, installation of existing P3719-PLE

**Task #2:**

**Camera Equipment:**

- (1) Axis Q6100-E 60 Hz

**Services:**

- Mounting, aiming, and installation of camera equipment
- Integration with existing Axis Q6128-E

Wiring and Mounting Requirements:

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- Vendors will be required to terminate to the nearest backbone IDF, provided room is available for additional patch panels. 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.
- Vendor is responsible to provide watertight connections for exterior mounted cameras and intercoms.
- All interior penetrations must be fire stopped and the exterior caulked.

### Camera Installation:

Integration of cameras will include a meeting, before project start, with WPS personnel to verify correct positioning and aiming of cameras.

Integration will be considered complete only after verification, by Worcester Public Schools Technical Services, all work has been performed as per specification. No payment will be made before this verification.

The Vendor is responsible for all costs associated with the installation of cameras including, but not limited to, all permits, lifts (interior or exterior) and/or bucket truck where required.

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 Vendors 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.

Item #4: Low Voltage Wiring at 133 Coburn Ave.

- Request for quote for installation of two (2) door controllers and one (1) exterior video station at one district location with integration into the WPS network infrastructure.

Installation must be completed no later than **90 days ARO**.

Location:

133 Coburn Ave  
Worcester, MA 01604

Goods/Services:

**Services:**

- Installation, mounting, and integration of two (2) door controllers and one (1) video station. The second video station is already installed at the location but requires integration with the new controller.

The supply of the cameras is **not** part of this bid. WAPS, cameras, door controllers, card readers, and video stations will be provided by the WPS. All other materials will be provided by the Vendor.

Door Controller and Reader Requirements:

- Door Controller will be installed, wired, and connected to the door electric strike, video station, and CAT6 ethernet network connection.
- The door controller will be mounted inside the building mounted above the door it will be controlling
- The video station will be installed utilizing a proper bracket on the exterior of the building at the door specified by the WPS and be connected to CAT6 ethernet network connection.
- The vendor must verify door controller and video station functionality.

Wiring and Mounting Requirements:

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- Vendors will be required to terminate to the nearest backbone IDF, provided room is available for additional patch panels. 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.
- Vendor is responsible to provide watertight connections for exterior mounted cameras and intercoms.
- All interior penetrations must be fire stopped and the exterior caulked.

The Vendor is responsible for all costs associated with the installation of cameras including, but not limited to, all permits, lifts (interior or exterior) and/or bucket truck where required.

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 Vendors 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.

Item #5: Low Voltage Wiring at 549 Lincoln St

- Purchase and repair of one (1) exterior camera with mounting gear and one (1) CAT6 line.

Installation must be completed no later than **90 days ARO**.

Location:

549 Lincoln St

Worcester, MA 01605

**Goods/Services:**

***Camera Equipment:***

- (1) Axis P3737-PLE
- (1) Axis T94N01D (Quad Pendant)
- (1) Axis T91A64 (Corner Bracket)

***Services:***

- (1) CAT6 cable to be run from exterior camera to interior jack
- Mounting, aiming, and installation of camera equipment

Wiring and Mounting Requirements:

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- Vendors will be required to terminate to the nearest backbone IDF, provided room is available for additional patch panels. 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.
- Vendor is responsible for providing watertight connections for exterior mounted cameras and intercoms.
- All interior penetrations must be fire stopped and the exterior caulked.

The Vendor is responsible for all costs associated with the installation of cameras including, but not limited to, all permits, lifts (interior or exterior) and/or bucket truck where required.



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 Vendors 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.

Camera Installation:

Integration of cameras will include a meeting, before project start, with WPS personnel to verify correct positioning and aiming of cameras.

Integration will be considered complete only after verification, by Worcester Public Schools Technical Services, all work has been performed as per specification. No payment will be made before this verification.

Bidders are required to be:

- Authorized Axis Reseller for a minimum of the past 2 years.

#### Item #6: Low Voltage Wiring and Camera Installation at 35 Nelson Place

- Request for quote for **new installation** of the following at one district location with integration into the WPS network infrastructure:
  - Four (4) exterior IP Cameras
  - One (1) Door Controller
  - One (1) Video Station
- Request for quote for **replacement** of the following at one district location with integration into the WPS network infrastructure:
  - Four (4) exterior IP Cameras
- Request for quote for **repair** of the following at one district location with integration into the WPS network infrastructure:
  - Two (2) exterior IP Cameras

Installation must be completed no later than **90 days ARO**.

#### Location:

35 Nelson Place  
Worcester, MA 01605

#### Goods/Services:

##### **Services:**

- Wiring, installation, mounting, and integration of one (1) door controller, one (1) video station and six (6) exterior IP Cameras
- Mounting, aiming, and installation of four (4) exterior IP cameras

The supply of the cameras is **not** part of this bid. WAPS, cameras, door controllers, card readers, and video stations will be provided by the WPS. All other materials will be provided by the Vendor.

#### Door Controller, Video Station, and Reader Requirements:

- Door Controller will be installed, wired, and connected to the door electric strike, video station and/or card reader, and CAT6 ethernet network connection.
- The door controller will be mounted inside the building mounted above the door it will be controlling.
- The video station and/or card reader will be installed utilizing a proper bracket on the exterior of the building at the door specified by the WPS and be connected to CAT6 ethernet network connection.
- The vendor must verify door controller, card reader, and video station functionality.

#### Wiring and Mounting Requirements:

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- Vendors will be required to terminate to the nearest backbone IDF, provided room is available for additional patch panels. 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 **pipd in EMT**.
- Vendor is responsible for providing watertight connections for exterior mounted cameras and intercoms.
- All interior penetrations must be fire stopped and the exterior caulked.

The Vendor is responsible for all costs associated with the installation of cameras including, but not limited to, all permits, lifts (interior or exterior) and/or bucket truck where required.

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 (7AM - 3PM).

**Hazardous materials may exist. It is the Vendor 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.**

Camera Installation:

Integration of cameras will include a meeting, before project start, with WPS personnel to verify correct positioning and aiming of cameras.

Integration will be considered complete only after verification, by Worcester Public Schools Technical Services, all work has been performed as per specification. No payment will be made before this verification.

Bidders are required to be:

- Authorized Axis Reseller for a minimum of the past 2 years.





Red Wing Ln

Nelson Pl

Nelson Park Dr

Nelson Park Dr

Playground

Nelson Place Elementary School

Nelson Park Dr

Playground

Nelson Park Dr

Nelson Park Dr

Hapgood Rd

Rd



Item #7: Low Voltage Wiring at 140 Apricot Street

- Request for quote for installation of low voltage wiring for one (1) existing interior camera at one district location with integration into the WPS network infrastructure.

Installation must be completed no later than **90 days ARO**.

Location:

140 Apricot St  
Worcester, MA 10603

Goods/Services

**Services:**

- (1) CAT6 cable to be run between interior camera and IDF
- Re-mounting, aiming, and installation of existing camera equipment.

Door Controller and Reader Requirements:

- Door Controller will be installed, wired, and connected to the door electric strike, video station, and CAT6 ethernet network connection.
- The door controller will be mounted inside the building mounted above the door it will be controlling
- The video station will be installed utilizing a proper bracket on the exterior of the building at the door specified by the WPS and be connected to CAT6 ethernet network connection.
- The vendor must verify door controller and video station functionality.

Wiring and Mounting Requirements:

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- Vendors will be required to terminate to the nearest backbone IDF, provided room is available for additional patch panels. 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.
- Vendor is responsible to provide watertight connections for exterior mounted cameras and intercoms.
- All interior penetrations must be fire stopped and the exterior caulked.

### Camera Installation:

Integration of cameras will include a meeting, before project start, with WPS personnel to verify correct positioning and aiming of cameras.

Integration will be considered complete only after verification, by Worcester Public Schools Technical Services, all work has been performed as per specification. No payment will be made before this verification.

The Vendor is responsible for all costs associated with the installation of cameras including, but not limited to, all permits, lifts (interior or exterior) and/or bucket truck where required.

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 Vendors 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.

Item #8: Low Voltage Wiring at 12 Freeland St.

- Request for quote for installation of the following at one district location with integration into the WPS network infrastructure:
  - Two (2) Door Controllers
  - Two (2) Exterior Video Stations
  - Eleven (11) Interior Cameras
  - Four (4) Exterior Cameras
  - Two (2) Interior Network Drops

Installation must be completed no later than **90 days ARO**.

Location:

12 Freeland Street  
Worcester, MA 01603

Goods/Services:

**Goods:**

- (8) Axis P3268-LV Cameras
- (3) Axis P4707-PLVE Cameras
- (4) Axis P3737-PLE Cameras
- (4) Axis T94N01D Pendant kits
- (4) Axis T91H61 Mounts
- (4) Axis T91A64 Corner Brackets
- (15) GSC-OM-E-1C Genetec Enterprise Camera Licenses
- (30) ADV-CAM-E-1M Genetec Advantage (prorated through June (July renewal))
- (2) Axis A1210 Door Controllers
- (2) Axis A8207-VE Mk II Video Stations
- 

**Services:**

- Wiring, installation, mounting, and integration of two (2) door controllers and two (2) video stations
- Wiring, mounting, aiming, and installation of eleven (11) interior and four (4) exterior cameras
- Wiring and installation of two (2) interior network drop

Door Controller, Video Station, and Reader Requirements:

- Door Controller will be installed, wired, and connected to the door electric strike, video station and/or card reader, and CAT6 ethernet network connection.
- The door controller will be mounted inside the building mounted above the door it will be controlling.
- The video station and/or card reader will be installed utilizing a proper bracket on the exterior of the building at the door specified by the WPS and be connected to CAT6 ethernet network connection.
- The vendor must verify door controller, card reader, and video station functionality.

#### Wiring and Mounting Requirements:

- Installation of one (1) - Category 6 (CAT-6) plenum cable to each predetermined location.
- Vendors will be required to terminate to the nearest backbone IDF, provided room is available for additional patch panels. 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.
- Vendor is responsible to provide watertight connections for exterior mounted cameras and intercoms.
- All interior penetrations must be fire stopped and the exterior caulked.

The Vendor is responsible for all costs associated with the installation of cameras including, but not limited to, all permits, lifts (interior or exterior) and/or bucket truck where required.

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 Vendors 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.

#### Camera Installation:

Integration of cameras will include a meeting, before project start, with WPS personnel to verify correct positioning and aiming of cameras.

Integration will be considered complete only after verification, by Worcester Public Schools Technical Services, all work has been performed as per specification. No payment will be made before this verification.

#### Bidders are required to be:

- Authorized Axis Reseller for a minimum of the past 2 years.



## PRE-BID MEETINGS / WALKTHROUGHS

ADDRESS:	DATE:
133 Coburn Ave 12 Freeland St	June 3, 2024 starting at 1:00 pm Please RSVP to: <a href="mailto:MEYERE@WORCESTERSCHOOLS.NET">MEYERE@WORCESTERSCHOOLS.NET</a>
35 Nelson Pl 549 Lincoln 140 Harrington (2 projects) 20 Irving 170 Apricot 140 Apricot	June 5, 2024 starting at 1:00 pm Please RSVP to: <a href="mailto:MEYERE@WORCESTERSCHOOLS.NET">MEYERE@WORCESTERSCHOOLS.NET</a>

**Vendors must RSVP for the walkthrough, by emailing your intention to attend the walkthrough. Walkthroughs are MANDATORY for all bidders.**

**SEND RSVP TO: [MEYERE@WORCESTERSCHOOLS.NET](mailto:MEYERE@WORCESTERSCHOOLS.NET)**