



**REQUEST FOR BIDS**  
**Security Camera Installations 2019**  
**DULUTH TRANSIT AUTHORITY**

**Addendum #2**

October 16, 2019

- A. Please note: The Bid Due Date for responses to the Security Camera Installations 2019 HAS BEEN CHANGED to:

**2:00 p.m. on Thursday, October 24, 2019.**

- B. The deadline to submit questions has been extended to Thursday, October 17, 2019. Responses to questions will be posted on the DTA website at [www.duluthtransit.com](http://www.duluthtransit.com) on Friday, October 18, 2019.

- C. Clarifications to Technical Specifications. Please revise the Technical Specifications as follows:

1. Section 6(B)(4): Duluth Operations Center Cameras to be replaced:

- i. 2-head Multi-Sensor cameras should be replaced with 3-head Multi-Sensor cameras:

**DELETE**

%o (1) 2 Multi-Sensor 8 MP Camera-Bus Entrance (replacing single view)+

**INSERT**

%o (1) 3 Multi-Sensor 8 MP Camera-Bus Entrance (replacing single view)+

**DELETE**

%o (1) 2 Multi-Sensor 8 MP Camera- Parking Lot (replacing single view)+

**INSERT**

%o (1) 3 Multi-Sensor 8 MP Camera-Parking Lot (replacing single view)+

- ii. Revise camera at Back of Building (item f):

**DELETE**

%o (1) 3 Multi-sensor 8 MP Camera-Back of Building (replacing single view)+

**INSERT**

%o (1) 3-Multi-Sensor 8 MP Camera-Inside Back of Building (replacing single view analog camera. Requires new pull/license.+

- iii. Move and replace camera in Cashier's office (item k). Move the camera to the center of the office for better visibility.

**DELETE**

%o Update Cashier camera to 12 MP fisheye with audio (replacing existing camera.)+

## INSERT

- k. Update Cashier camera to 12 MP fisheye with audio and move to the center of the room (replace existing camera). Location of the camera must be approved by the Project Manager prior to installation.+
- iv. Revise camera for Dispatch office (item I):

## DELETE

%o Install Dispatch single 8 MP camera, with audio-new pull/license+

## INSERT

%o Install Dispatch single **3 MP** camera, with audio-new pull/license+

## ADD:

- m. Install (1) 4 Multi-Sensor 8 MP Camera for relief vehicle/bus entrance view, new pull/new license. Camera must be rated for exterior conditions due to proximity to door and bus wash.**
- v. Bus Wash Camera must be waterproof/weatherproof due to damp conditions near the bus wash.
- vi. Exterior cameras on the rear of the bus storage area may include optional IT Technology for low light.
- vii. Clarification: Currently there are seven (7) analog cameras at the Duluth Operations Center. Only two are planned to be replaced:
  - 1 camera over main stairway. No change to this camera.
  - 1 camera for the vault. No change to this camera.
  - 1 camera inside the rear bus storage area (see item %t above)
  - 1 camera unknown location, possibly employee parking lot but broken.
  - 1 camera at the North West employee entrance. No change to this camera.
  - 1 camera at the bus entrance, see item (b) above.
- vii. Revised Paragraph 4 with all changes from above (replace this paragraph with paragraph 4 on page 37 of the RFB):

%b. Cameras to be supplied are as follows:

Total cameras at the Operations Center: 11 upgrades, 2 new

- a. (1) 3 Multi-Sensor 8 MP Camera . DTA Main Michigan (replace dome)
- b. (1) 3 Multi-Sensor 8 MP Camera . Bus Entrance (replacing single view)
- c. (1) 3 Multi-Sensor 8 MP Camera . DTA Michigan 2 (replacing single view)
- d. (1) 3 Multi-Sensor 8 MP Camera . DTA Michigan 1 (replacing single view)
- e. (1) 3 Multi-Sensor 8 MP Camera . Bus Exit (replacing single view)
- f. (1) 3 Multi-Sensor 8 MP Camera . Back of Building (replacing single view)
- g. (1) 3 Multi-Sensor 8 MP Camera . South Parking 1 (replacing single view)

- h. (1) 3 Multi-Sensor 8 MP Camera . South Parking 2 (replacing single view)
- i. (1) 2 Multi-Sensor 8 MP Camera . Parking Lot (replacing single view)
- j. (1) 4 Multi-Sensor 8 MP Camera . Bus Wash (replacing single view)
- k. Relocate and update Cashier camera to 12 MP fisheye with audio (replacing existing camera)
- l. Install Dispatch single 3 MP camera, with audio . new pull/license
- m. (1) 4-Multi-Sensor 8 MP Camera- Relief Vehicle -new pull/license+

ix. The bus storage area has a PoE switch on Track 15 with at least eight (8) openings available for additional cameras at the rear of the bus barn.

D. Changes to the Duluth Transportation Center (%DTC+):

i. Parking Ramp Level 1 (%secure parking+): Change the camera in the elevator vestibule to a 3-head 5 MP camera, change Code Blue station to a 3-head flush mount camera.

**DELETE:**

%d) 3 Multi-Sensor 8 MP CAMERA+

**INSERT:**

%d) 3 Multi-Sensor 5 MP camera- Replacing existing single head in elevator vestibule

**DELETE:**

%d) 4 Multi-Sensor 8 MP Camera for Code Blue Box (new pull, new license)+

**INSERT:**

%d) 3 Multi-Sensor 8 MP Camera flush mounted for Code Blue Station (new pull, new license)+

ii. Level 2, Transit Terminal. Replace the existing camera outside the Jefferson Lines booth to a 3-head camera with audio.

**DELETE:**

%d) 4-Multi-Sensor 8 MP camera with audio outside the Jefferson Lines booth. New wiring and license required, location to be approved by the DTA Project Manager prior to installation.+

**INSERT:**

%d) 3-Multi-Sensor 8 MP camera with audio (replace existing camera outside Jefferson Lines booth, flush wall mount)

iii. Parking Ramp, Level 3: Abandon one camera in the skywalk outside of the elevator and use the license to add a 3-head multi-sensor camera flush mount above the Code Blue station. New camera must be outdoor rated.

**DELETE:**

%d) Code Blue-4 Multi-Sensor 8 MP camera mounted from the ceiling, new pull new license.+

**INSERT:**

%d) Code Blue 3 Multi-Sensor 8 MP camera flush mounted to the wall above the Code Blue station.+ Reuse existing license from redundant camera in interior hallway.+

iv. **Parking Ramp Level 4:** Move interior vestibule camera to allow visibility in front of the elevator and move the exterior camera to the southeast corner of the structure to enable better visibility to the Code Blue station and cars parked adjacent to the vestibule. Amend the specifications to read:

%a Move and replace existing camera in elevator vestibule to a 4-Multi-sensor 8 MP Camera. Location of camera to be approved by Project Manager prior to installation.+

2. Move existing exterior camera on the exterior of the elevator vestibule to the southeast corner of the structure. Reuse existing camera and license.

Option: Change the optional camera on the lightpole near the vestibule to be a 3-head camera instead of a 4-head camera:

**DELETE:**

**“OPTION 1:** Contractor will provide a separate price to supply and install one new exterior 4-Multi-Sensor 8 MP camera to the light pole adjacent to the elevator vestibule. Award of this Option shall be at the sole discretion of the DTA General Manager.

**INSERT:**

**OPTION 1:** Contractor will provide a separate price to supply and install one new exterior 3-Multi-Sensor 8 MP camera to the light pole adjacent to the elevator vestibule. This is to be a point-to-point microwave solution. Award of this Option shall be at the sole discretion of the DTA General Manager.

v. Corrected specification is as follows:

%a Total of Cameras 11 for DTC (2 new, 9 upgrades and one optional new), move one existing camera.

**Parking Ramp Level 1**

- (1) 3 Multi-Sensor 5 MP CAMERA in elevator vestibule
- (1) 3 Multi-Sensor 8 MP Camera flush mounted for Code Blue Station (new pull, new license)

**Main Floor (Level 2)**

- (1) 4 Multi-Sensor 8 MP Camera (Replace existing PTZ)
- (1) 4 Multi-Sensor 8 MP (Replace existing 4 MP Camera)
- (1) 3-Multi-Sensor 8 MP camera with audio (replace existing camera outside Jefferson Lines booth, flush wall mount)

**Parking Level 3**

- (1) 3 Multi-Sensor 8 MP Camera (Replace Existing Bullet Camera)
- (1) 8 MP Camera (Replace existing Bullet Camera)
- (1) 3 Multi-Sensor 8 MP Camera (Replace 2 Existing Bullet Cameras)
- (1) Code Blue 3 Multi-Sensor 8 MP camera flush mounted to the wall above the Code Blue station. Reuse existing license from redundant camera in interior hallway.

**Parking Level 4**

1. Move and replace existing camera in elevator vestibule to a 4-Multi-Sensor 8 MP camera. Location of the camera to be approved by the Project Manager prior to installation.
  
2. Move existing camera on exterior of the elevator vestibule to the southeast corner of the structure.

**OPTION 1:** Contractor will provide a separate price to supply and install one new exterior 3-Multi-Sensor 8 MP camera to the light pole adjacent to the elevator vestibule. This is to be a point-to-point microwave solution. Award of this Option shall be at the sole discretion of the DTA General Manager.+