



Addendum #1: MVRTA -Security Camera System RFP- G2077

Date: Wednesday, March 24, 2021

From: Kathleen Lambert, Assistant Administrator

To: All Interested Parties

cc. Joe Costanzo, Administrator; file

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Reminder: Proposals are due April 2, 2021 to the MVRTA Administration offices at:

85 Railroad Avenue, Haverhill, MA 01835

Proposals must arrive before 3PM.

Proposals received after the date and time specified above will be rejected and will not be considered. The proposer is fully responsible for the delivery of the proposal. Reliance upon mails or public courier is at the proposer's risk. Emailed proposals are not acceptable and the deadline will not be extended.

Clarifications of RFP based on questions submitted by Proposers:

Q1 Does this project require prevailing wage and reporting?

A: No, because the project is replacing existing equipment it does not fall into the category of a construction project. The basic construction is existing, we are maintaining the system.

Q2 Please clarify the camera quantities contained in the RFP?

A: (50) cameras are required for the Gateway Surface Parking Facility; Haverhill intermodal Garage Requires (24) garage cameras, (2) office cameras, (3) exterior multi-sensor cameras, (1) 4 channel Encoder; Total cameras for project 79 and 1 4-Channel Encoder.

Q3 Does the NVR equipment require the RAID5 option?

A: Yes, please include Raid 5

Q4 What storage capacity do you require for the NVR? What is the specific frame rate and recording resolution you require?

A: Storage needs to be calculated based off a minimum of 45 Days of storage per camera + 20%, Frame Rate 12 FPS, Motion based of 50%, Assume resolution to be max resolution of camera.

Q5 In addition to installing new wire and removing old wire, are the existing camera to be removed and disposed of as a requirement for the RFP?

A: Page 3 Section B under project description the "removal of old equipment including wiring" must be included with the proposer's package. Further in Appendix D Federal Clauses, Section U. Recycled products specifies preference for products and services that conserve natural resources, we would consider e-cycle

and metals recycling to be a service provided to recover materials from the waste stream associated with the project.

Q6 Verify that the Gateway Surface Parking Lot does not include any added cameras beyond replacements at existing poles?

A: All camera locations are existing.

Q7 How many cameras are supported per switch, estimate the total number of switch replacements needed for both locations?

A: This needs to be determined by vendor based off camera counts and power requirements. Currently there are 2 hardened 8 port switches and 2 24 port switches at Haverhill Parking garage. Gateway has 3 24 port switches.

Q8 Are the media converters being replaced at the Gateway Surface Parking Lot?

A: Yes, fiber converters are included in the specification list and must be replaced.

Q9 Does the installation require moving the 110v converter further up each pole or moved to another location at the Gateway Surface Parking Lot?

A: Project was designed with Axis T8154 in camera mount which would require 110 at mount

Q10 Are the existing 110v converters able to be reused at the Gateway Surface Parking Lot?

A: No, these have been failing and need to be replaced.

Q11 Do you require different style mounts other than the existing style per camera location?

A: Project is specified as replace existing with like product. However, if the camera requires a different style mount because aiming or focusing are affected, it will be adjusted during installation.

Q12 No switch models are specified in the bid. Does MVRTA prefer Axis switches and can you put requested models in the bid?

A: Axis switches were preferred but at Gateway it is not feasible to use Axis due to the amount of SFPs required, so just meet specs.

Q13 Is fiber connecting the switch locations at the Haverhill Garage and Gateway Lot? If fiber is connecting these locations what type, what micron, what speed?

A: Fiber is not connecting existing switches .

Q14 Is their existing conduit which can be used to run replacement cable for the existing coax cable at the Haverhill Garage.

A: Existing coax cabling must be removed; existing conduit can be reused.

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Q16 Why is the existing Ether Wan switch being replaced?

A: The switch has reached its useful life limit.

Q17 Do switches need to be hardened?

A: Only switches mounted in Haverhill outdoor cabinet need to be hardened, refer to page 9.

Q18 Would an alternate proposal in which existing switches would remain and new media converters would be replaced be acceptable.

A: The switch has reached its useful life limit and therefore are required to be replaced as specified. Alternate pricing for a different scenario is not requested.

Q19 Will the pole mounted camera housing include the power plug and media converter?

A: Yes, Page 4 under exterior camera lists that the housing should “have room (for) fiber converters and protect against rain dust and corrosion”. Housings must be weather rated, exterior grade equipment.

Q20 Is there any data or testing available for the second strand of fiber at the Gateway Lot?

A: No, the fiber provider maybe able to provide more insight and data. However, MVRTA has no information.

Q21 When we looked at the inside of a sample pole at the Gateway surface lot there is a step-down transformer inside and we would be responsible for extending the 110VAC power up the pole. We did not see the fiber transceiver in the pole. Where are the existing fiber transceivers located now, at the base of the pole, in the camera housings, or somewhere else?

A: Fiber Transceiver is currently in camera housing, should be located in new camera housing.