

MSD Wayne Township - Security Upgrade Project 2020

Addendum #1 – 12/17/2020

PRE-BID MEETING NOTES/GENERAL INFORMATION

1. Pre-Bid Attendee List

- a. Brian Scott - Technology Dynamics
- b. Tim Poole - Technology Dynamics
- c. Maureen Murphy - MSD Wayne Township
- d. Jole Staples - Tech Electronics
- e. Matt Ranft - Fairchild Communications
- f. Gary Dowell - Securitas
- g. Matt Lawton - Midwest Security Services
- h. Nick Nyland - Midwest Integrators
- i. Charles Jewell - Alpha Energy Solutions
- j. Guy Joseph - Wired Communications

2. Current List of Plan Holders

- a. Tech Electronics
- b. Wired Communications
- c. HID GLOBAL INC.
- d. Midwest Integrated Solutions
- e. Securitas Electronic Security, Inc.
- f. Fairchild Communication Systems, Inc.
- g. Electronic Systems Group, Inc.
- h. Security101
- i. Guardiar

- j. Midwest Security Services
 - k. Alpha Energy Solutions
 - l. Tri-Electronics
 - m. Fuller Engineering
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3. Pre-Bid audio recording and screen share is available on the project document site.
 4. The addendum is being emailed to all bidders as well as placed in a folder on the project document site.
 5. The Access Control Contractor will be required to update the facility map in the S2 software with notation of the location of each new card reader / door status switch connected to the system.
 6. All necessary device licenses for door controllers are to be provided.
 7. All new and/or replacement door hardware, position switches, REX and power supplies will be provided by the school district. Cabling for new door locations is to be provided by the access control contractor (with the exception of any required data cables).
 8. All counts should be verified and cross-checked with the drawings.
 9. The School District is interested in possible use of the camera failover capabilities on select cameras. The new Bid Form will include a line time for that license cost.
 10. The School District is interested in possible use of “face recognition” capabilities on select cameras. The new Bid Form will include a line item for that license cost.

QUESTIONS

1. Question: T001 Note 4 says metal ceiling pans are to be used for cameras that weigh more than 2lbs. All of the domes are going to come in under that. The specs on 9-6 do call for “ceiling mount” which I assume to be the recess mount kit. I just want to clarify whether the metal pan is also required.
 - a. Answer: The panoramic (multiple view) cameras are closer to 11 lbs. Small single view domes are less than 2 lbs. and would not require a metal pan. The recess kit is required whether the metal pan is used or not.
2. Question: We respectfully request patching/painting of demo cameras to be removed from the scope. We are not drywallers, masons, painters or general contractors. This gets outside of our abilities and expertise. I would think this would be best suited for a contractor who normally conducts this business and most economically performed by that contractor, directly with the school.
 - a. Answer: In many cases the restoration is to replace a ceiling tile that previously had a camera being removed. A few places have a location of a camera moving, these will require patching of the existing wall. The majority of locations are replacing existing cameras. Hiring a separate entity and coordinating this separately would be difficult and time consuming. While we agree another party may be better able to accomplish this work, it will stay in the scope and will be managed and coordinated by the successful bidder.
3. Question: The spec calls for separate power cables to be pulled to each camera. Is that really necessary. All cameras are capable of being powered with standard PoE. The only exception would be if the IR illuminator is installed on a multi-sensor. In which case that camera would require 60W PoE. I would recommend just using Avigilon’s PoE injector on those. It is also unclear in the spec whether the IR ring should be included for the multi-sensor.

- a. Answer: We need reference to where you think a separate power cable is required. Unless described specifically in the camera type description IR would not be required for panoramic cameras. Most of the cameras specified will be able to be powered by the School Districts PoE + (30 watts) data switches. If a camera requires more than PoE + you shall provide an appropriate power injector.
4. Question: What are the training requirements” The spec has multiple references ranging from 1-24 hours.
 - a. Answer: Provide 24 hours of training for Contract One, and 4 hours on Contract Two. See Section 4 and Section 9 for details on training requirements.
5. Question: How many spare camera licenses (if any) are available?
 - a. Answer: 20
6. Question:What will be the work hours in which we will be allowed to perform the installations?
 - a. Answer: Work performed in areas occupied by students (when school is in session) will begin after 4:00 p.m. Monday – Friday. Before 8:00 a.m. the following school day, the Contractor must clean up all scrap, materials, and tools to prevent the possibility of loss or injury. The Contractor must schedule work hours with the Consultant and School District Technology staff for each building to determine time and length of shifts and weekend availability.
7. Question: I want to confirm that it will be a requirement for surge protection for every exterior camera. Is there a particular manufacturer or model that will be needed?
 - a. Answer: Surge protection is required for exterior cameras not physically mounted to the building structure (example: pole mounted exterior

cameras). Basis of Design is Tripp-Lite B110-SP-CAT-OD as listed in item 2.2 of Section 8.

8. Question: Camera Type L, 5.0CH5A-SRI-IR doesn't appear to be a valid part number, can you clarify?

a. Answer: The part number is 5.0C-H5A-CR1-IR.

<https://www.avigilon.com/products/cameras-sensors/h5a-cr>

9. How many existing Avigilon licenses will need upgrading from ACC6 to ACC7.

a. Answer 1180 Camera Licenses

10. Question: Are we to assume that S2 portal licenses are provided by the end user?

a. Answer: Yes

11. Question: Are we to assume the data cable will be provided to the vicinity of the door by others?

a. Answer: No. The required cabling is to be included.

12. Question: Bid Bond is not required, correct?

a. A Bid Bond IS Required

13. Question: Can we bid on just the surveillance package? We are not an S2 dealer, so we don't intend on bidding the Access Control.

a. Yes

14. Question: Spec calls for the following unit prices that are not listed on the bid form, Cat 6 Cable, NVR. Should we add these or will there be a new bid form?

a. A new Bid Form will be issued in the next addendum, A word version will be made available.

15. Question: HANWHA cameras have been on the government 'banned' list for security risks. We have been avoiding installing Hanwha, Hikvision, etc., in schools for this reason. Please advise if these can be substituted, or if these models are OK?

- a. HANWHA cameras are not on the Government's "Banned " list, you may be thinking of Huawei.
16. Question: Are the new Type P1 poles shown on T112 and T501, and related underground conduit, to be provided by the bidder, or are these existing/by others?
- a. Answer: Building penetration, underground conduit, underground boxes, and pole bases are to be provided by the bidder. The "Poles" will be provided and installed by the Owner. Coordinate the anchor bolts with the Owner prior to installation of the pole base. The Bidder is responsible for all cabling, protectors, cameras, and mounts when the poles are installed.

CHANGES TO THE PROJECT MANUAL

- 1. Section 9 - IP VIDEO SURVEILLANCE SYSTEMS
 - a. The Quantity of new servers to be provided is Base Bid is as follows:
 - i. Avigilon model NVR4X-PRM-64TB (expandable to 157TB) with redundant power supplies - Qty 9
 - ii. Avigilon model NVR4X-STD-48TB-S16 with redundant power supplies - Qty 1
 - b. Provide Unit costs on the following models:
 - i. Avigilon model NVR4X-PRM-128TB
 - ii. Avigilon model NVR4X-PRM-157TB
 - iii. Avigilon model NVR4X-PRM-192TB
 - iv. Avigilon model NVR4X-STD-16TB-S16
 - v. Avigilon model NVR4X-STD-16TB-S16

END OF ADDENDUM #1