1. **Since installation pricing is required, could you please provide any available details regarding camera placement and wiring requirements? I just need you to answer the wiring placement, I will take care of the answering of the placement.**

- Regarding the wiring and installation requirements for pricing purposes:

• Cable Specification: All camera drops must utilize Shielded Category 6A (Cat6A)

cabling supporting Power over Ethernet (PoE/PoE+).

• Conduit Requirements: All exterior wiring and exposed interior runs in non-secure areas must be

enclosed in rigid metal conduit (RMC) to prevent tampering and environmental degradation.

• Code Compliance: All interior plenum space cabling must be plenum-rated (CMP).

• Distance Constraints: Standard 100-meter limits apply for copper runs; any runs exceeding this

distance must utilize fiber-optic backhauls or approved network extenders.

• Surge Protection: Outdoor cameras must include lightning and surge protection bonded to the

facility ground at the building entry point.

Please base your initial installation pricing on these standard DoD Electronic Security System (ESS)

criteria. Any site-specific routing anomalies can be adjusted during the mandatory site survey

2. Also, is there a preferred manufacturer for the equipment?

-Not partial to a specific manufacturer, however cameras and video management system must be listed

on the Air Force Life Cycle Management Center Non-Nuclear Configuration Management Database

(CMD) Equipment Approval Listing and meet specified requirements in the PWS.

3. What is the manufacturer of the current access control that requires integration?

-Not looking for access control

4. Is this a new camera installation or a replacement of an existing system?

-This is a new camera/system installation. No replacement of existing installation. Existing system will remain in place and eventually phased out.

5. Is existing network cabling/infrastructure available, or should new cabling be included?

No, existing network cabling/Infrastructure is available in areas where current camera systems exist where we would want add more cameras, however in new areas where the system is getting installed, cabling and infrastructure is need

6. Is access control currently installed, or is new access control equipment required as part of this project?

-No access control is a part of this project

What are the required recording settings (resolution, frame rate, and continuous vs. motion-based recording) for the 30-day storage requirement?

- Min of 30 days of retention per camera with a minimum of Full HD 1080p/1920x1080/2.1 megapixel), if cost allows even higher resolutions at the gate for clearer face and vehicle/license plates (not required but desirable ; Frame Rate: 15 FPS, Continuous Monitoring.

7. How old is the facility?

- Multiple facilities of various ages. The base was established in the 1950s. Some of the buildings are of that age however underwent many renovations. Many of the facilities are up to date as early as the early 90s.

8. How much square footage is in the facility?

- Multiple square footages for different facilities however cameras are being affixed in multiple locations outside.

9. How stable is the power?

- Majority of facilities have stable power with backup generator however with the exception of the placement of a camera being positioned at the ADR site and the Firing Range. They are off site areas that have power however unsure if area has back up

10. Is there a dropped ceiling in all areas of installation?

-Project is exterior camera positioning

11. What type of walls are in the perimeter areas?

-Brick, concrete, metal, hardened materials

12. Do we need to drill between the walls, to run our cable infrastructure?

-Yes

13. Do we need to use conduit? If yes, what do you estimate the total conduit footage will be?

-Yes conduit will be needed in a majority of areas due to outside exposure

14. Are the door frames metal and concrete filled?

-Yes

15. Please provide a comprehensive list of quantities of all IDS items needed (e.g. total number of motion sensors, glass breaks, etc.) per location.

-N/A

10. Do you currently have existing IDS Sensors in your doors? Please specify which doors.

- Yes but not required for project

11. What is the manufacturer of the existing IDS system?

-Advantor

12. Will we be able to reuse the existing cable? If so, what type of cable is there currently?

• -Possibly could use existing cables, cables should be compliant with previous statement:

• “Cable Specification: All camera drops must utilize Shielded Category 6A (Cat6A)

cabling supporting Power over Ethernet (PoE/PoE+).

• Conduit Requirements: All exterior wiring and exposed interior runs in non-secure areas must be

enclosed in rigid metal conduit (RMC) to prevent tampering and environmental degradation.

• Code Compliance: All interior plenum space cabling must be plenum-rated (CMP).

• Distance Constraints: Standard 100-meter limits apply for copper runs; any runs exceeding this

distance must utilize fiber-optic backhauls or approved network extenders.

• Surge Protection: Outdoor cameras must include lightning and surge protection bonded to the

facility ground at the building entry point.

Please base your initial installation pricing on these standard DoD Electronic Security System (ESS)

criteria. Any site-specific routing anomalies can be adjusted during the mandatory site survey“

13. Are Ceilings Suspended? Or Hard Lid?

-Mostly Hard lid

14. Are there existing Cable Trays for wiring above ceilings?

-Unknown

15. Is a “UPS” required? If so, What Time/Power Duration is required?

- Yes, a UPS is required to ensure continuous operational capability of the Video Surveillance System.

In accordance with standard DoD and Air Force ESS criteria (UFC 4-021-02), the UPS must be sized to

provide a minimum of 4 hours of backup power, unless the equipment is tied to a facility emergency

generator, in which case the UPS must provide a minimum of 15 minutes of bridging power.

Please assess the facility's available emergency power infrastructure during the site survey to determine

the appropriate UPS sizing for your design and pricing.

16. re “Or Equal” Equipment substitutions allowed?

-Yes so long as items meet specified criteria and are listed on the AFLCMC CMD listing

17. Is “Plenum Wire” acceptable?

-Yes, and required for hanging ceilings however much of the work entails hard lid.

18. Is "After Hours Access" for said work, available to contractor at no add'l cost to the Gov't?

-Yes with the exception of Controlled Areas, i.e. Flight Line and Munitions storage. Dormitories may need a curfew time to no disrupt those inhabiting billeting

19. What is the height of Exterior Cameras? (If any)

-Majority of 8 ft however some areas need to be mounted on a light pole at the top and we have building up to 50 ft

20. Please provide a list of equipment and parts # that are to be installed.

-See CMD listing provided

21. Are there pipe chases between floors?

- Yes, as a multi-story lodging facility, the billeting building utilizes vertical utility and plumbing chases stacked between floors. During the site survey, please locate these utility shafts (typically accessed via laundry rooms, utility closets, or mechanical rooms) to verify if there is sufficient pathway capacity and access to route the VSS cabling between floors.

26. How many feet of new wire will be run?

-Unknown