County of Roanoke

FINANCE DEPARTMENT
PURCHASING DIVISION

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November 3, 2023

RFP #2024-002

Camera Upgrade

for

Roanoke County for Western Virginia Regional Jail

ADDENDUM NO. 2

Extension to Due Date, Answers to Questions and an Additional Question Period
Due Date & Time:
March 1, 2024, 2:00PM
(Local Prevailing Time)

1. *****Due Date was December 1, 2023, at 2:00 PM it has now been extended to March 1, 2024, at 2:00 PM.

2. *****Additional Copy is needed. Originally, we asked for one (1) original and five (5) copies, we now will need one (1) original and six (6) copies.

3. *****You will have from the date of this Addendum until December 1, 2023, to ask any additional questions.

4. What type of cabling is required for the RFP? Is Cat6 being specified? Should cabling be plenum rated?

   Answer: Install CAT 6 cabling to replace existing coax cables for the previous camera system. Two (2) ethernet cables should be pulled to each camera location for redundancy. All cables should be properly run, terminated and labeled. This will also include switches, additional patch panels, and other hardware necessary. Any additional electrical work necessary must be done properly by licensed vendor. Plenum rated cable in locations where it is required.

5. Should the cabling manufacturer be Panduit/General Cable to match existing facility and the Roanoke County standards?
   Answer: Yes
   a. If yes, will the installing contractor be required to submit a 25-year warranty to the owner at the completion of the project?
   Answer: Yes

6. What is the conduit requirement for the facility? Is rigid conduit required in certain areas, all areas, or above certain heights?
   Answer: See attached standards. Any existing conduit that can be used is allowed.

7. Is the bidder required to patch/paint all imperfections left in ceiling tiles, ceilings, walls, etc. from the removal of old cameras, pipe, and cabling?
   Answer: Contractor will be responsible for repair or replacement of any facility property damaged during installation and implementation of project. Including but not limited to: ceiling tiles, walls, paint, floors, or other building structures. Contractor will clean all debris from project areas. If WVRJ is required to clean up, the cost will be charged back to the Contractor.

8. Will drawings be provided?
   Answer: Yes, emailed link

9. Can we have existing camera locations indicated on the drawings along with proposed new camera locations?
   Answer: (Layout of original camera locations, this will not include cameras that have been added over the past 15 years.) Proposed new camera locations need to be provided by the Offeror. We are seeking solutions to our camera system needs, hence the RFP.

10. Can you provide each door location that has camera call up?
    Answer: This Information is provided by the drawings. If a device has a camera viewing it then that device should conditionally call the camera. This will not include cameras that have been added in the past 15 years.

11. Can you indicate the head end locations of existing camera system?
    Answer: See plans

12. Can you verify the number of existing workstations being used to view cameras?
    Answer: 4 individual pc's, 2 in Master Control, 1 in Restrictive Housing and the main nucleus.

13. Can you verify there is an existing MM fiber back bone supporting networked communications at each head end location?
    Answer: There currently isn't any fiber dedicated for the Camera Network

14. Can you verify the intent is to have the camera system software operating in the Wonderware environment?
    Answer: Yes

15. Can you provide what version of OMRON is being used?
    Answer: Omron CS1W series PLC's

16. Can you provide what version of Harding intercoms are being used?
    Answer: Harding DXL System

17. Can you provide what version of Rauland Borg paging is being used?
    Answer: Rauland DAX and MPA series Amplifiers.

18. Can you provide what version of Wonderware is being used?
    Answer: Wonderware Intouch version 11.1.131

19. Can you verify the number of touch screens being used?

Answer: 13

20. What is the length of the term for the initial warranty period?
    Answer: The evaluation team will consider the available length of warranty by each Offeror.

21. In terms of the on-site weekly PM and CM, what is the period of performance for these services?
    Answer: Yearly Contract

22. The bid specifically refers to equipment that is normally used in some older types of security camera systems. Would a hybrid cloud camera system (as long as the cloud storage was compliant with applicable regulations) be acceptable to the jail? The reason we ask is this type of solution would allow the jail to have footage stored on individual cameras for the required amount of time specified by the jail and backed up in the cloud as well eliminating the need for NVR devices altogether. The advantage for the jail would be the ability to use facial recognition for inmates and staff as well as using AI to do searches like taking a profile picture of an employee or inmate and using that to follow that person of interest throughout the facility. It would also allow the creation of heat maps to identify traffic patterns etc.
    Answer: If they feel this is the best solution to meet the needs of our facility to move forward into cutting edge technology, then this is what they should propose.

23. How many equipment rooms are there in the facility for the doors and intercom equipment? I know of the one in main control and the ones under each housing unit control room. Are there anymore?
    Answer: 4 communications closets and the main server room.

24. Can we get a complete count on how many intercoms, and doors that are controlled by the door control system?
    Answer: 212 Push button call stations.

25. How many swing doors, sliders, and monitor only doors are on the system?
    Answer: See Drawings

26. What systems are controlled or monitored from the door control system, i.e. lighting, water, duress?
    Answer: Televisions, Phones, Cell Lights, Night Lights, Chase Lights, Day Room Lights, Overhead Speakers, Duress Button on screen, Group Release Option, Top tier only release, Bottom tier only release.

27. Respectfully ask for 7 days extension on proposal due date as there are a lot of unknowns.
    Answer: March 1, 2024

28. Request for site floor plans to accomplish field of views for the new cameras.
Answer: Yes

29. The list of all current ESS systems deployed.
Answer: Explain

30. List of all current camera locations.
Answer: Layout of original camera locations, this will not include cameras that have been added over the past 15 years.

REQUIRED

Sign and return with your bid package

_____   _____
Sign Name: **Print Name:**

_____
Date: _____
                                                             Company

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