



County of El Paso Purchasing Department
800 E. Overland, Room 300
El Paso, Texas 79901
(915) 546-2048 / Fax: (915) 546-8180
www.epcounty.com

ADDENDUM 3

To: All Interested Proposers

From: Elvia Contreras, Formal Bid Buyer

Date: April 5, 2012

Subject: RFP #12-021 Installation of Surveillance System in the Sheriff's Office Detention Facility

The Purchasing Department has received the following questions in regards to the above mentioned proposal.

1. Regarding Section 5.4, Security Surveillance Cameras, what is the present voltage of the outside cameras that are to be replaced?
ANSWER: All outdoor cameras are operating on 24VAC.
2. Regarding Section 5.4, Security Surveillance Cameras, what is the present voltage of the inside cameras power supply that are to be replaced?
ANSWER: All indoor cameras are operating on 24VAC.
3. Regarding the 12th floor camera add/replacements, is there a lift available or service elevator to bring a lift up for installation?
ANSWER:
 - **The maintenance section will not provide a lift, scaffolding, ladders or any other tools and equipment for the contractor.**
 - **The 12th floor area is serviced by three inmate elevators only; no service elevator.**
 - **The door openings to enter the 12th floor and the recreational areas are 28".**

4. Regarding maintenance, what is the requested maintenance schedule, quarterly or yearly?
ANSWER: Maintenance and support shall be provided as outlined in section 5.12., Maintenance, Warranty and Support.
5. Regarding 5.3, Network Video Recorders, what is the make/model of the existing DVR's?
ANSWER: 1 each, DVR, Digital Video Witness 5.1.0
Model: 44216

1 each, DVR, Digital Video Witness 5.1.1505.0
Model: 44216
6. Regarding electrical, will 110v be provided where needed or do you want this to be turn-key?
ANSWER: 120VAC receptacles are available at the locations mentioned in the RFP. In addition, 120VAC UPS power, to power the NVRs, is available inside the video recorder room.
7. Will the new NVR's be required to interface with the current VCRs?
ANSWER: No, the new NVRs will not be required to interface with the existing DVRs.
8. Who is the manufacturer of the current DVRs?
ANSWER: Digital Video Witness
9. What are the current POE switches on the 3-9 floors and will it cover the required cameras per floor?
ANSWER: The available switches are not POE type switches.
10. Is the ceiling access from the camera locations to the guard desk area per floor?
ANSWER: Access to the plenums is provided through access doors. The return air plenums may be used for new camera wiring. Wires and cables used in return air plenums must be "Plenum Rated".
11. Will the new Cisco switches be rack or wall mounted?
ANSWER: Rack mounted
12. Will the required patch panels be rack or wall mounted?
ANSWER: Rack mounted
13. What is the Frame Rate, Motion, Resolution and required days of storage?
ANSWER: The intent is to retrieve recorded incidents for a time period of approximately 90 days. As per Section 5.3, Network Video Recorders, a hard drive array providing a total capacity of eighteen (18) terabytes is required.

The listed Frame Rates shall be utilized to provide adequate motion and resolution during play-back:

Standard: 8, High Definition: 30

14. Will the client software loaded on the workstation suffice for the camera selection and control?

ANSWER: The software will suffice, except for the central control location where the joy stick will be placed.

15. Is the project a scale wage?

ANSWER: Not required.

16. The required high resolution cameras are 740, what is the Sheriff's requirement for the standard resolution?

ANSWER: Section 5.3, Network Video Recorders, states: "Shall support high definition cameras with 720p (Resolution)"

Standard resolution: WVGA 854 x 480

17. Will all the interior cameras be required to be in "high security" housings?

ANSWER: Yes, interior cameras shall be in housings designed for high abuse locations.

18. Is there an accessibility or special requirement for closing off the areas for exterior camera locations that may require man lifts or ladders to access the cameras?

ANSWER: Outdoor areas may be temporarily blocked to the public in order to conduct the required work in a safe manner. However, the contractor must ensure that access to the facility will be maintained at all times.

19. The exterior cameras on the two new poles and one existing will require an electrician to supply 120vac; is this supplied by El Paso County?

ANSWER: As per section 5.4, Security Surveillance Cameras, Outdoor Cameras, PTZ, b, outdoor cameras shall operate on 12VDC/24VAC.

Therefore, 120VAC electrical will not be required.

20. Will there be sufficient 120vac power at the new locations for the POE switches, work stations, servers and NVRs?

ANSWER: 120VAC receptacles are available at the locations mentioned in the RFP. In addition, 120VAC UPS power, to power the NVRs, is available inside the video recorder room.

21. Will there be available network connection for the new switches at the guard desk locations?

ANSWER: Yes, the County ITD, Information Technology Department, will ensure that ports for this part of the project will be available.

22. Will all the cameras be within the 300 foot network limitation?

ANSWER: Yes, based on the listed measurements, the 300 foot limitation will not be exceeded.

The dimensions of the facility are approximately 120' x 200'.

Per Floor, the height from the floor to the ceiling is 15'.

The distance from the center of the parking lot to the j-box inside the elevator equipment room is approximately 150', and the distance from the j-box to the Central Security Office is approximately 100'.

23. After the required demolition of the existing cameras, who should the old equipment go to?

ANSWER: Unless instructed otherwise, all equipment, disconnected during the project and no longer required to operate the upgraded system, shall be returned to the owner.

24. What is the ETA of completion of the project?

ANSWER: Assuming that ETA stands for "Estimated Time for Accomplishment", the project shall be completed within four (4) months, starting with the date of the purchase order for this project, until the date of the final acceptance by the owner representative.

25. Will the contractor be able to reuse the conduits that are in place?

ANSWER: Yes, the contractor may reuse existing conduit runs; provided the intended use meets NFPA 70, National Electrical Code, requirements and does not interfere with, or disrupt any other system(s).

26. Is there an electrical contractor approved to work on the El Paso facility?

ANSWER: No, there is no specific company. The vendor shall make his/her own selection. However, the selected subcontractor must comply with the requirements of the RFP.

27. Is the use of a converter over the existing Coax acceptable?

ANSWER: No, the use of converters is unacceptable.

28. Can we request a copy of the floor plans used during the site walk?

ANSWER: Available in the Purchasing Department 800 E Overland Room 300 El Paso Texas 79901.

29. Can we get a copy of the list of vendors who attended the site walk?

ANSWER: See attachment.

30. Will the 4 required concurrent licenses be adequate for all the guard station and monitoring stations?

ANSWER: No, change Section 5.2, Scope of Service, as follows:

From: The COUNTY is estimating that no more than 4 clients will use the system at the same time.

To: The COUNTY is estimating that no more than 16 clients will use the system at the same time.

31. Is there availability of onsite storage for the equipment during the installation?
ANSWER: Yes, some storage space is available inside the boiler room of the facility. However, the space is limited; the vendor may only store supplies needed for a few days of work at this location.
32. RFP pages 3 and 35, while appearing very similar, Page 3 does not have an area for the total cost, but page 35 does. Both pages are marked "This must be the first page on all bids" Which Page should be used?
ANSWER: First page must be Page 3. Page 35 is simply giving bidders instructions (SAMPLE) of the order the proposal should be submitted.
33. Are all new camera replacements to be in domes?
**ANSWER: No, the new cameras do not have to be in domed housings. However, all cameras must be in enclosures that are tamper and vandal resistant.
Please see Section 5.4, Security Surveillance Cameras, sections Indoor and Outdoor enclosures.**
34. Is there an estimated time of completion?
ANSWER: Yes, the project shall be completed within four (4) months, starting with the date of the purchase order for this project, until the date of the final acceptance by the owner representative.
35. Any overtime or shiftwork?
ANSWER: As per Section 8, Contract Requirements, Subsection 8.1, Working Hours, the work shall be conducted Monday through Friday, 07:00 - 15:00 hrs. In the event that portions of this work require different working hours, the County will make reasonable efforts to accommodate the vendor. However, that shall not be a reason for additional compensation over and above the amount of the purchase order for this project.
36. Is there a restriction on the number of people that vendors can provide on the job?
ANSWER: All contractor employees working inside the Detention Facility must be escorted by Detention Officers at all time. Therefore, the number of technicians working inside the facility shall not exceed 4 technicians at one time. Four technicians can be escorted in two groups of two, escorted by two officers.
37. Regarding the replacement cameras, will new enclosures be required?
ANSWER: If the existing enclosures meet the camera housing specification in Section 5.4, Security Surveillance Cameras, the enclosures may be reused. The vendor shall supply and install new camera housings if the existing cameras are without enclosures, or in the event that the existing enclosures do not meet the specifications.

38. Inside the Central Security Office a lot of coax cables will have to be removed. Is the removal part of the contract?

ANSWER: No, the removal of the existing cables is not part of the contract. However, the vendor shall disconnect and label these cables.

39. In booking and classification, is there a crawl space above the ceiling?

ANSWER: Yes, these areas have drop ceiling that are used as return air plenums. Access to the plenums is provided through access doors. Wires and cables used in return air plenums must be "Plenum Rated".

40. Is the County asking for Network Switches at the 1st, 2nd and 10th floors?

ANSWER: Section 5.7, Network Switches, states the following:

**"The contractor shall provide and install Network Switches at the listed locations. 1ST FLOOR: 1 each, 24-Port, 2ND FLOOR: 1 each, 48-Port, 2ND OR 10TH: 1 each, 24-Port (OR ANY OTHER CONVENIENT LOCATION), 12TH FLOOR: 1 each, 24-Port"
The contractor shall install the new Network Switches at these locations. In the event that different locations are required or better suited for this project, the contractor shall submit a written request to change the locations of the new Network Switches.**

41. What are the recording frame rate requirements?

**ANSWER: The listed Frame Rates shall be utilized to provide adequate motion and resolution during play-back:
Standard: 8, High Definition: 30**

42. What is the resolution for the cameras specified?

**ANSWER: Standard resolution: WVGA 854 x 480
High resolution: HD 720 1280 x 720**

43. What is the time of the recording back-up?

ANSWER: The intent is to retrieve recorded incidents for a time period of approximately 90 days.

44. Because the vendor won't be able to make it to the 10th floor from the 2nd floor, can a network switch be installed on the 7th floor?

ANSWER: The Guard stations on the 3,4,5,6,7,8,9 & 11th floor each have an 8-port Cisco Switch. For the separation cameras the vendor will have to run cable from the location of the camera, inside the separation cell, to the guard station. The distance is approximately 30 ft.

45. Will four (4), 32-channel, NVR's be acceptable instead of two (2), 64-channel, NVRs?

ANSWER: Yes, the vendor may provide four units instead of the specified two units.

46. Clarification on replacement of coax cable? What areas?

ANSWER: The new cameras require Cat-6E cables. There is no need to replace coax cables.

47. You have 90 analog cameras that are going to remain according to the specs. Will these cameras be tied into the new system or will they remain separated from the new system?

ANSWER: These cameras will remain separate from the new system.

48. Can existing CCTV cables, in good condition, be reused by the vendor?

ANSWER: The vendor may reuse existing wiring if they are no longer needed to operate existing CCTV equipment. However, the vendor shall notify the department in writing of the intended use and shall only proceed if approval was granted.

49. Where inside the Central Security Office will the two new monitors be installed?

ANSWER: The monitors currently displaying the basement and first floor cameras, mounted above the window inside the Central Security Office, will no longer be needed. The vendor may reuse that space for the new monitors.

50. Will Rigid or Intermediate Metal Conduit be required?

ANSWER: Unless required by NFPA 70, the National Electrical Code, EMT, Electrical Metallic Tubing, and compression fitting will be adequate.

51. The County is requesting to add monitors inside the floor guard stations for the Separation cameras. Will these monitors be controlled by the existing floor computer or should the vendor supply new computers for these monitor?

ANSWER: Section 5.8, Work Stations, Subsection Separation Areas, states: "The VENDOR may utilize the existing computers inside the guard stations to monitor the separation cameras. This option requires adding video cards to these computers. The VENDOR shall provide the required video cards and wire the camera as needed. County technicians will install the video cards and re-program the computers.

The VENDOR may supply addressable monitors connected to one of the NVRs via Cat-6 cable.

The VENDOR may use any other practicable option to complete this task".

52. Will floor plan made available for the vendor?

ANSWER: Yes, at the time the contract is awarded, floor plans will be made available to the vendor.

53. Are the PC's the same on all the floors?

ANSWER: Yes, they all are Dell, Optiplex 6X620.

54. In the specifications the County states that HD cameras shall include a 720p format. What would you consider standard resolution?

ANSWER: Section 5.3, Network Video Recorders, states: "Shall support high definition cameras with 720p (Resolution)"

Standard resolution: WVGA 854 x 480

55. Once the job is completed, is documentation of completion required? Plans?

ANSWER: Yes, the vendor shall submit three sets of complete project documents to the facility maintenance supervisor. These documents shall include the following:

Riser layouts and special wiring diagrams

Blue line drawing including control and power wiring

List of IP addresses

Standard factory prepared operation, installation and maintenance manuals.

Manuals shall include typical wiring diagrams.

56. Page 26 states the county needs the controllers for the new monitors with the software being loaded on those guard stations or new stations are in there and it's got the virtue software controller is that acceptable?

ANSWER:

In order to effortlessly observe these monitors, the video surveillance system shall include joysticks, jog dials, video switches, or any other necessary controls needed to allow the operator to switch between images, view single or multiple feeds, or to zoom in for close up views.

The VENDOR may use any practicable option to complete this task".

57. For your patch panel, is the County requiring more panels to be added to your current racks?

ANSWER: Yes, additional patch panels will be required.

The vendor shall supply the listed panels:

4each, 24-port

1 each, 48-port

58. Is there a determining wage rate for this? Prevailing wage rate? (15)

ANSWER: Not required.

59. Do contractors have to have an apprentice program?

ANSWER: Not required.

60. Will the two (2) existing DVR's remain in place?

ANSWER: Yes, the existing recorders will remain in place and will be utilized to record some of the remaining analog cameras.

61. Will the vendor be responsible for the disposal of the old CCTV equipment? (23)

ANSWER: Unless instructed otherwise, all equipment, disconnected during the project and no longer required to operate the upgraded system, shall be returned to the owner.

62. Inside the video recording room, the existing DVR's and monitors are inside one storage shelf. Should the new recorders be placed on the same shelf?
ANSWER: There is not enough room for additional units on the existing storage shelf. The contractor shall supply and install a new storage shelf for the added equipment.
63. Penetrations thru walls for the PTZ's that are going outside? Are there going to be any x-ray required?
ANSWER: No, if the vendor follows the instruction outlined in Section 5.5, Camera Locations, Subsection "Outdoor Cameras -Parking Lot and Perimeter", x-rays will not be required.
However, for floor penetrations, the following applies:
The concrete floors of the facility contain rebar, conduits and post-tension cables. Damage to post-tension cables can be dangerous and very costly. The contractor shall not damage post-tension cables while drilling or cutting through the concrete floor. Prior to any drilling, the contractor shall ensure that the area contains no post-tension cables. Approved, non-destructive subsurface imaging equipment, such as ground penetrating radar or x-ray technology, shall be used to locate post-tension cables.
64. Are the tube shaped channels filled with concrete?
ANSWER: The tubular channels are filled with mortar and/or concrete mix.
65. Regarding the NVRs, you did not specify whether you wanted surge protectors/UPS's?
ANSWER: 120VAC receptacles are available at the locations mentioned in the RFP. In addition, 120VAC UPS power, to power the NVRs, is available inside the video recorder room.
66. Regarding the network switches, are you saying that in the guard stations, that have CISCO switches with available ports, we are going to utilize the existing switches?
ANSWER: Yes, the County ITD, Information Technology Department, will provide one port for one IP type camera at these locations. However, these switches are not POE type switches. The vendor shall provide and install the required power injectors for these cameras.
67. Are these ports ready for CCTV equipment?
ANSWER: Yes, with the exception of AC power, these ports are ready for IP type cameras.
68. Do you have the infrastructure for those switches?
ANSWER: Yes, the County ITD, Information Technology Department, will ensure that the required infrastructure will be in place for this project.
69. Regarding the Separation area cameras, are those local cameras only for the guard station at that floor?

ANSWER: Yes, these cameras are for the guard station officers at these particular floors. Most of the time, the guard station officers will be monitoring these cameras.

70. The county currently has just five or four concurrent lines with licenses. Is that going to be sufficient with each guard desk having access?

ANSWER: No, change Section 5.2, Scope of Service, as follows:

From: The COUNTY is estimating that no more than 4 clients will use the system at the same time.

To: The COUNTY is estimating that no more than 16 clients will use the system at the same time.

71. If existing cameras, not affected by this work, are found not operational, is the contractor required to restore these cameras to operational conditions?

ANSWER: No, there is no need to restore, replace or repair existing cameras that are not part of this project.

72. Can the opening date be extended?

ANSWER: Yes, the opening has been extended to April 11, 2012, at 2:00P.M.

73. Will the successful bidder be allowed to keep materials on site?

ANSWER: Yes, some storage space is available inside the boiler room of the facility. However, the space is limited; the vendor may only store supplies needed for a few days of work at this location.

74. Will there be a schedule sent out as to when you want us to work on a particular floor?

ANSWER: Yes, the vendor and the owner representative(s) will prepare a specific work schedule after the contract has been awarded to the vendor.

75. Does the County have requirements regarding down-time?

ANSWER: Yes, the vendor and the owner representative(s) will prepare a schedule for required system down-time after the contract has been awarded to the vendor.

The operation of the facility may only be interrupted during nighttime hours and these interruptions shall be limited in time.

24 hours notice for scheduled, time limited, system downtimes shall be submitted. Possible interruptions to the following listed functions must be held to a minimum: feeding of inmates, movement of officers and inmates, booking and releasing of inmates, use of computer and fiber optic equipment.

The work of the contractor may be interrupted by unforeseen emergencies within the facility. Up to eight man hours shall be included in this proposal and shall not qualify for additional monetary compensation. The contractor shall consider these potential delays when scheduling the work.

76. Will conduit be required in the areas above ceiling?

ANSWER: No, conduit will not be required in return air plenums. However, cables must be properly secured and must be "Plenum Rated".

77. Are there existing conduit runs for the East and West pole cameras?

ANSWER: A short section of conduit is in place for the East side pole. It runs from the base of the pole into Bay 6. Bay 6 is located inside the Sally Port of the facility. No conduit sections are in place for the West side pole.

78. For the IP based cameras, do you want to replace the coax cables with Cat-6 cables; or, is the use of encoders and converters acceptable?

ANSWER: Section 5.6, General Wiring Requirements, states the following: "Data cable wiring shall be type CAT-6E, Plenum rated" Encoders and converters will not be accepted.

79. Analog cameras now are up to 650/660 TV lines of resolution and the county is asking for 720p IP cameras. Nevertheless, analog cameras are a lot less expensive. Will you consider Analog Cameras?

ANSWERS: No, analog cameras will not be accepted.

80. For your exterior cameras, is the County set on using copper cable, fiber-optic or wireless transmission systems?

ANSWERS: Section 5.6, General Wiring Requirements, states the following: "Data cable wiring shall be type CAT-6E, Plenum rated"

81. Do the coax cables from the analog cameras run straight to the 1st Floor Security office, or are the lines split at some place?

ANSWERS: Most of the coax cables run straight from the camera to the video monitor. However, the coax cables for some cameras, cameras that are recorded, run from the camera to a video amplifier and from the amplifier to the video monitor and the DVR.

82. Is it correct that not every camera in the facility needs to be recorded?

ANSWERS: That is correct. However, every camera provided and installed by the contractor shall be recorded.