

City of Murfreesboro Video Camera Surveillance:

Questions regarding specifications;

Section 2.1 Background

1. It is stated that the current DVR system is location specific. Will the new NVR be installed in the same location as the existing DVR?
We are not requiring that the new NVR be in the same building but be mindful that connections between buildings can drop. We don't want to fight with connection issues to maintain camera and recording functionality.
2. If the new NVR is to be installed in existing locations
??
3. It is stated that the current DVR cannot be accessed remotely. Is the reason there is a lack of connect due to the lack of network connections at the DVR location? **No. This system is antiquated and is limited on remote access capabilities.**
4. It is stated that the purpose of the system is to maintain an "access-controlled". Is the bidding contractor to assume this terminology refers to software and network setting that limit clients and user access to the NVR and cameras and not an access control system? **That is correct. The access control requirement is for viewing access only.**
5. It is stated that the NVR be assessed offsite and through mobile devices. What assessment need to be performed offsite or remotely through mobile devices? **The system should have the ability for viewing and reviewing live camera and recorded video footage.**

Section 2.3 Technical Requirements

6. 2.3.1 Hardware states 3MP or better quality is anticipated for this project. Are there any other specifications for the cameras and the camera functions beyond this statement? **We didn't want to be so specific that we limit the number of qualified respondents. You are free to detail your products.**
7. 2.3.1 Hardware states 14 days of recording retention. Storage calculations are based the number of video streams, camera resolution, video quality, frame size, frame per second, percent of recording time. Does the City have any expectations for the level of recording needed? **No. Our requirement is that we can retain up to 14 days. Please choose your equipment accordingly.**
8. 2.3.1 Hardware states the cameras should support POE. Does this mean that the camera system should be installed as a POE system? **Yes, to clarify, we would like for these cameras to be totally powered by POE to reduce the need to run power. We would also need the ability to run the cameras through our current POE switches if we decide to go that route.**
9. 2.3.1 Hardware states proposed cameras should be equivalent to at least 3MP and support at least 720P resolution. Does this mean that the 3MP camera should have a 720P internal setting for image capture? **Not required but this will be considered.**
10. 2.3.1 does not address network switches. Does the City have any requirements or expectations for the network switches required for IP cameras? **The City will provide POE network switches however, we do realize the some NVR's are equipped with internal switches. This will be considered.**
11. 2.3.1 does not address network switches. Is the city going to supply network switches? **The City will provide POE network switches, however proprietary switches can be included in the bid.**
12. If the City supplies network switches, will the switches be POE? **Yes**
13. 2.3.1 does not address UPS power. Are there existing UPS that the equipment is going to connect to? **No**
14. 2.3.1 does not address UPS power. Does the City expect the Contractor to provide uninterruptable power supplies for core electronics and switches? **No**
15. Does the City require camera operation from the UPS? **No**
16. What is the run time calculation if UPS is required? **N/A**

Section 2.3.2 Software

17. 2.3.2 states the City Staff must be able to access the cameras system utilizing devices such as iPhone, Android or Computers. Does the City want programming capability utilizing phone based devices? **Not Required**
18. Will the City be providing an Application Server? **Yes, If needed**
19. Will the City provide the Internet Gateway? **Yes**

Section 2.4 Installation Requirements

20. Will the awarded Contract have to pull permits from the City of Murfreesboro to perform the CCTV installation?
Yes, where needed
21. Will the awarded contract be required to remove the old system cabling? **No**
22. What is the disposal requirements for equipment removed from these facilities? **No Requirements**

23. What are the disposal requirements for any and all equipment removed? **No Requirements**

Plan Sheets

24. Plan Sheet P0.22 indicates 6 red dots with numbers and several locations with red dots without numbers. Are we correct in assuming that only the red dots with numbers are to be considered? (Some of the dots appear to be bleed through, just want to confirm) **You are Correct**

25. Plan Sheet P0.21 indicates 25 red dots and 18 yellow dots for cameras. This brings the count for cameras on this drawing to 43. The count for cameras is on the 2nd floor of Paterson Park is 6. This brings the total cameras for Patterson Park to 49. On the bottom of Plan Sheet P0.21 there is a had written note "Parking Lot (2) Cams ??? (49-50)". This seems to indicate that there is a requirement for cameras in the parking lot. Does the bidding contractor need to include an allowance for parking lot cameras? **We have decided to remove the Parking Lot Cameras from the bid.**

26. If Parking lot cameras are required for Patterson Park, can print showing the location of parking lot cameras be provided? **We have decided to disregard the Parking Lot Cameras.**

27. Plan Sheet A1.2 indicates 13 red dots with numbers and 16 yellow dots with numbers. This brings the camera count for SportsCom to 29. However, there are 2 yellow circles in the area labeled Miracle Filed. Are these two locations to be included in the count for cameras? **Yes. There is fiber connecting Miracle field buildings with SportsCom**

28. Plan Sheet A1.2 indicate 3 cameras that are in the parking lot. Is there an existing underground conduit that we conduit or pathway to route cables to each of these locations? **We have decided to remove cameras 18,20 and 21 from the bid.**

29. If there is conduit or

General Questions Overall

30. Are any cameras required to have PTZ capabilities at the Sports Com location? **No**

31. Are any cameras required to have PTZ capabilities at the Patterson Park location? **No**

32. Field of View and depth of field is not defined in the documents. What are the lens requirement for indoor and outdoor cameras? (Based on the differing site we would recommend varifocal lens) **Indoor – Fixed minimum
Outdoor – Varifocal Minimum**

33. The specifications as written do not state IR or true day/night cameras. Are there any locations that will require special consideration of the ambient lighting or extreme low light conditions? **This will be left up to the determination of the vendor**