



REQUEST FOR PROPOSALS #010-004

SECURITY CAMERAS FOR VRE MANASSAS STATION PARKING GARAGE

QUESTIONS & ANSWERS

REVISED January 27, 2010

Below are questions with responses that VRE has received as of January 21, 2010 at 10:00 A.M. EST. Whenever possible, questions are presented as originally asked. Otherwise, the question is presented to capture the main thrust or idea of the question or inquiry.

1. Will VRE elaborate on camera positions in terms of what VRE is expecting to see upon entry and exit of the garage?

The Prince William County Police Department would like to see the face of the driver upon entering the garage and a license plate upon exiting.

2. What type of lighting is used throughout the garage?

Typically 150 watt high pressure sodium lights.

3. Is the canopy a standalone or is it connected to the garage?

The canopy is a standalone.

4. Is there conduit connection between the canopy and the garage?

No.

5. Will it be necessary for the Contractor to bury conduit in the floor of the platform?

No. VRE does not want conduit in the platform itself. There are different ways the Contractor can run conduit from the platform into the electrical room.

6. Where will the power originate to operate the cameras?

Inside the garage, specifically the electrical room.

7. Is Indigo Vision the only software permitted?

Yes. VRE will attempt to attach this software to five (5) other stations that are currently using this software.

8. Will VRE provide Indigo Vision Software?

In contrast to what was stated at the pre-proposal meeting, VRE will not provide the Indigo Vision software. However, this software CD may be acquired at no cost through Indigo Vision. The part number 317800 must be included with any inquiry or order of any other Indigo Vision equipment. See Addendum # 2.

9. Is all equipment provided by VRE to be installed by the Contractor?

Yes.

10. Will VRE monitor the video captured by the cameras?

Yes, during VRE office hours (7:00 A.M – 7:00 P.M.)

11. Will VRE provide specs for the cameras (day/night, IR's, vandal proof dome, bullets, box cameras, etc.).

The cameras shall have day and night capabilities and the dome shall be vandal proof.

12. Are substitutions allowed on software different then Indigo? The RFP specified software must support the existing system, Bosch.

No substitutions are permitted. Indigo Vision software must be used. See Addendum #2.

13. Will VRE allow the Contractor to core drill?

Core drilling will be allowed, depending on location. VRE needs to know the exact location in order to address this question.

14. At the walkthrough, tapping into existing power outlets in several locations in the garage was discussed. Will VRE allow the Contractor to step everything down in the electrical room and run low voltage cable to the cameras?

Yes, provided the electrical design meets code and the Contractor obtains a City of Manassas permit.

15. In order to get out to the train stop waiting area, the Contractor must core drill through the side of the parking structure and do a little trenching up to the platforms. Confirm if this can be done or if there is another way to do the work?

Trenching will be allowed. VRE needs to know the exact location in order to address the question.

16. The equipment rack specified will not fit in the electrical room. Electrical code requires the rack be placed 36" from the power panels. Is there another location where the rack can be placed or use a smaller rack?

A smaller rack cannot be used. However, the north wall of the electrical room has an approximate 4' wide by 5' high space available that does not encroach upon required clearances. The fire extinguisher currently mounted at this location can be relocated.

17. At the parking lot, may the Contractor use the entry from the 5th level into the 4th level via the installation of CCTV conduits down each of the pole lights through the "light wall" screens?

Yes.

18. May the Contractor use certain stipulated 120vac outlets presently in place, for getting power to certain CCTV's within the garage, provided there is complete protection of the cables within conduits from the camera housings to the 120vac outlet in question? If so, identify the 120vac outlets that may be used.

No. Equipment cannot be plugged into the receptacles. However, it may be permissible to branch off of the existing receptacle circuits, provided the electrical design meets code and the Contractor obtains a City of Manassas permit. Otherwise, new circuits will be required.

See the electrical drawings attached herewith for reference as Attachment 1. See panel P1, receptacle circuits 9, 11, 13 and 15.

19. Presently, there are certain conduits that rest upon and are attached to several kindorf/all-thread assemblies that are furnished to support these conduits. May the Contractor use this same conduit rack to support our conduits that are intending to take the same route through the parking lot?

Yes, provided space is currently available on the racks. Conduit blockouts in the precast double tee stems may also be used.

20. Will the Contractor be able to use VRE's version of the Indigo Vision software that must be loaded into the video converters at no charge?

See Question # 8. The upgraded version for the Indigo Vision software, which may be acquired at no cost, must be applied to the current software setup at VRE HQ.

21. Will VRE provide model numbers for the Bosch cameras?

The latest PTZ camera VRE purchased in 2008 was VG4-522-PCS0P. The latest recommendation for a replacement fixed camera received was a VDN-498 series Bosch camera.

22. Will VRE allow the Contractor to work after hours to install conduit in order to avoid damage to parked cars? If so, what hours will VRE allow the Contractor to work?

See revised scope of work in Addendum #2.

23. The RFP requires the Contractor to comply with the Buy America Act, however, Indigo Vision is not made in the USA.

Indigo Vision is the software which is not included under the Buy America Act. See Addendum #2 for clarification of Section K.14 Buy America Provision.

24. During the pre-proposal meeting, the NVR mentioned was ELITE system, however, Indigo Vision does not make an Elite NVR.

The NVR must be compatible with the Indigo Vision software. It doesn't have to be the Elite system.

25. Will VRE provide a model number for the NVR?

Elite System 9500S.

26. Considering that the Indigo Vision software is a main component of this system, is it required for the Contractor to be a certified Indigo Vision reseller at the time of proposal submittal?

No. VRE does not require the Contractor to become a certified reseller for Indigo Vision. However, in order to get support, you must either become a certified reseller or become a partner with an existing certified reseller.

27. Can it be confirmed whether or not there is an existing raceway to be utilized for cabling between the garage and the platform for the two (2) PTZ cameras?

There is no existing raceway.

28. Can it be confirmed whether or not there is existing power (120VAC) available for use at the platform for the two PTZ cameras?

Power currently exists on the platform that feeds Ticket Vending Machines (TVMs) and video screens. VRE cannot confirm these circuits have the available capacity to power the PTZ cameras without knowing the electrical requirements.

29. What are the exact model numbers for the existing Bosch cameras in the other existing VRE installations?

It's the older generation of the model number mentioned in the answer to question # 21.

30. In reference to Attachment P.2 - Scope of Work, Section 6.C.4.d (Page 6 of 7), will VRE be responsible for configuration of the firewalls and VLANs?

Yes. All routers and firewall will be configured by VRE.

31. Where is the Indigo Vision management workstation to be located?

Similar to the Elite system, the Control Center software will run on the NVR system. The NVR will become the management workstation. See Addendum # 2 for the change.

32. Due to scheduling conflicts, would alternate dates for the interviews be considered other than February 22nd and 23rd (e.g. February 24 or 25)?

At this time, interview dates can only accommodate the schedules for the Selection Panel. However, the interview dates may change if the proposal due date is extended. Offerors must monitor the website for posting of any addenda.

33. Is core drilling in risers permitted? If so, is X-Ray required?

See answer to Question #13. X-Ray is not required. In certain areas, there is adequate space adjacent to the precast columns for vertical conduit installation without core drilling.

34. Is the Contractor allowed to use existing power in the field or add new circuits and do home runs?

See answers to Questions #18 and #28.

35. What are the conduit requirements for this project? Is EMT preferred or IMC?

EMT is preferred.

36. Will the Contractor be allowed to use unused conduit pathways between decks 1 & 2 and between decks 2 & 3 to run conduit riser to upper levels of parking deck?

Yes.

37. Can VRE provide the software version currently in use on the VRE CCTV system?

Indigo Vision Control Center software version 3.16 Build 8

38. After award of contract, will access to precast company be available to the Contractor in order to determine proper locations to drill concrete for conduit penetrations through decks and exterior walls?

VRE will attempt to obtain reinforcing details from the precast company if requested.

39. Paragraph 6.A of the Scope of Work (Page 4 of 7) states that the Contractor will “perform necessary software upgrades on the current system software”. Identify the “current system software” to be upgraded and where that software is located.

The current system software installed at VRE HQ in Alexandria is called Indigo Vision Control Center with the version number 3.16 Build 8

40. Paragraph 1.A.3 of the Scope of Work requires the Contractor to provide and install a wall mounted equipment rack. Does VRE require an open equipment rack or a more secure, lockable equipment cabinet?

In contrast to what was stated in the scope of work, VRE would like a rack similar to a 22U Liebert MCR which is a cooled, secure and lockable rack. See Addendum #2.

41. Describe the level of end-user and administrative training which VRE expects the Contractor to provide in connection with this project.

Training on Indigo Vision software will not be necessary.

42. With the current arrangement of high voltage panels in the electrical closet where, it is expected to place the wall mounted rack for the headend, and keeping in mind, the necessity to maintain a 36 inch clearance from both panels, the rack must be mounted at a lower height. What is the lowest acceptable height for mounting? Does water enter this location?

See answer to Question #16. A minimal amount of water could potentially enter the location. VRE suggests mounting the rack a minimum of six inches from the floor.

43. During the walkthrough, it was stated that there were existing power outlets from which the Contractor could tap into. Is there any current layout to show the exact locations of these outlets?

See answer to question #18.

44. In respect to the cameras being mounted on level 5 of the parking garage, during the walkthrough, it was noticed that there were holes cut into the parking garage structure lining the ramp these holes were covered with chain link fence with a void in between. Will it be acceptable to use these voids for conduit runs? Also will it be acceptable to run conduit for the camera up the exterior of the light pole? And would it require paint to match the color of the light pole.

See answer to Question #17. Yes, the conduits shall be painted to match the color of the light poles.

45. Will the four (4) inch pipe currently holding Verizon's fiber optic cables for the building be available for the Contractor's use to get out to the train station waiting area? If so, where does the pipe come out at the podium?

No.

46. If it is deemed necessary to create room to run conduit between floors, will it be acceptable to core drill a new hole?

The exact location must be specified for VRE to address this question.