

## JLM Improve Security Control/Monitoring System

### RFI QUESTIONS

1. Per the VA256-17-B-1195 Wage Scale document, a rate of \$19.17 per hour is shown for ELECTRICIAN (Low Voltage Wiring for Internet / Satellite and Video / Voice Data Only) with \$0.00 as fringes. What should the dollar amount of fringes be? Also, what is the rate and fringes for a Technician Level I? **\$19.17 per hour with \$0.00 fringes is the approved wage rate. There are no alternate approved rates for this project.**
2. Is it okay to circuit conduit on the underneath side of the solar panel structures in the parking lot area? **Yes, affixing conduit to the solar panel frame is permitted. Prior to installation, coordination with the VA Engineering group is required. No conduit to be installed without written approval.**
3. Is existing fiber optic cabling available at Control Gate # 1 and Control Gate # 10 for two new cameras at each control gate? If so, how many strands and what is the fiber optic cable description (multimode, single mode, 62.5 micron, etc.)? **Price to install new 6-strand 62.5 multi-mode OSP.**
4. Is existing fiber optic cabling available at Control Gate # 2, Control Gate # 3, Control Gate # 6, and Control Gate # 7 for one new camera at each control gate? If so, how many strands and what is the fiber optic cable description (multimode, single mode, 62.5 micron, etc.)? **Price to install new 6-strand 62.5 multi-mode OSP.**
5. Is AC power available at the control gates? **Yes.**
6. If fiber optic cabling is not available at control gates, can you provide drawings that will show the existing underground pathway? **Yes – Included with this response. See Attachment A.**
7. Is AC power available at locations of wireless radios on underneath side of solar panels for the wireless radios? **No. AC Power to be provided by contractor**
8. Please confirm that we should penetrate the exterior of the building for wireless radios and then secure power from the nearest non-switched electrical circuit within the building for AC power for the wireless radios. **Yes. Cabling for radio will pull to nearest closet approved by VA Engineering group.**
9. Should the camera count for new cameras at the parking garage levels be 34 less 8 new existing cameras for a total of 26 new cameras to be installed in the parking garage or are all cameras shown on the drawings to be installed as new cameras in the parking garage? **34 new cameras to be installed in the parking garage.**
10. Is it okay to use existing Unistrut for conduit attachment where available in the parking garage? **Yes**

11. Are there any limitations for new conduit pathways in the parking garage? **Awarded contractor shall coordinate with VA Engineering group prior to installation of conduit pathways. Deck is post tension. Drilling into deck must have prior approval.**

12. Please clarify cabling / conduit pathway requirements for video cabling above ceilings within the facility. Detail 2 on Drawing Sheet TY501 shows that ¾" conduit from an electrical box near the camera location to the nearest cable tray is required for camera cabling. **J-hooks are an acceptable pathway. 4ft. maximum spacing.**

13. Please explain what the column labeled as CAM in the Proposed Camera Equipment matrix represents. Specifically, what does Cable / Conduit 3,950 feet mean? **Please disregard cable/conduit notation. Not relevant to this project.**

14. Please confirm that the total camera count is 302. We came up with a total camera count of 300. **300 is the accurate camera count.**

15. Is the table labeled 'JLM Distribution Switch Installation' a list of new equipment that will be required or a list of existing equipment? **All new equipment to be provided and installed by awarded contractor.**

16. Are the tables labeled 'JLM Infrastructure' Core Switches, Distribution Switches, PoE Injector, Accessories, and Servers a list of new equipment that will be required or a list of existing equipment? **All new equipment to be provided and installed by awarded contractor.**

17. Drawing Sheet TY101 Area A6 and Area A5 shows two Keynote 3's. Keynote 3 states 'Access control level 2. Install new dual level proximity card reader / pin code.' No card reader symbol is shown for these two rooms. Are we supposed to install a complete door install for these two rooms? **Please reference TY502 Access Control Chart**

18. Drawing Sheet TY502 'Complete Door Install Matrix' has a third-floor card reader labeled as 3E-102. Should that be 3A-102 JLM Transformer Room? Also, card reader symbols are not shown for any doors on third floor. **Correct, matrix should read 3A-102. As noted, high priority doors will require keypad/reader.**

19. Drawing Sheet TY502 'Complete Door Install Matrix' accounts for 29 complete door installs. Our total card reader symbol counts on all sheets show 31 card reader symbols. What is the correct count for complete door installs? **TY502 Complete Door Install Matrix should be used for correct door counts. Note: Doors 26 and 1C104 are complete new installations.**

20. Please confirm that Central Arkansas VA Healthcare System-John L. McClellan Memorial Veterans Hospital has certified EST fire alarm programmers on-staff that can program any new SIGA-CR addressable control relay modules into the existing fire alarm system. **Confirmed**

21. On sheet TY502, there is a Proposed Equipment Schedule that has model numbers and quantities. Some of the model numbers and quantities do not match what I counted on each individual sheet. Are we to follow the model numbers and quantities on TY502 or are we to use what we count on each individual sheet? **TY502 Equipment Schedules should be used for correct model numbers and counts. NOTE: An amended camera schedule is provided with this response to correctly reflect the individual sheets. See Attachment B.**
22. On sheet TY502, the Access Control Schedule states that "High" priority doors shall receive a scramble prox reader or a key pad reader. Can we get a list of which High Priority doors receive Scramble readers and which High Priority doors receive key pad readers? **No scramble readers are used in this project, all High Priority doors to receive key pad readers.**
23. Are we to assume that all new access control doors will connect to existing access control panels or will there will a be provided list of areas that will require new access control panels. **Contractor shall provide and install new access control panels for all new installation doors.**
24. The drawings show a 12-strand fiber between the cameras with wireless Ethernet radio and the ones without. Is there an existing conduit or will we need to install a new underground conduit? **There is no existing conduit. However, conduit may be affixed to frame of solar panels. Design must be approved by VA Engineering prior to installation.**
25. Will the cameras in the garage require GRC conduit to them? **Conduit required, EMT permitted.**
26. Will exposed cabling in J-hooks be permitted above the drop ceiling or will only be permitted in conduit or tray? **J-Hooks permitted with a maximum spacing of 4ft.**
27. The quantities on the proposed equipment and the quantities on the plans do not match which quantity should we include in our estimate? **TY502 Equipment schedules should be used for correct counts. Note: An updated camera equipment schedule is provided with this response. See Attachment B.**
28. Is there an existing conduit and/or security cable to the cameras mounted at the gates? **Existing conduit pathway. Fiber-Optic cabling to be provided and installed by awarded contractor.**
29. Is there an existing conduit to the grounds building? **Yes**
30. Which telecom rooms will the Hirsch Control panels/controller be located? **Closest closet to the new door installation. Note: Closet selection must be coordinated with VA Engineering prior to installation.**

31. Will substitutions on the cameras be acceptable? **No, specific models are called out in the drawings that match the existing installation.**

32. Will HEPA carts be required? If so, who provides? What percentage of Project will require carts? **HEPA carts are an approved method for infection control. The contractor will provide HEPA carts or other pre-approved forms of infection control. 100% of the project will be considered to be a minimum level 2 infection control. Some areas will require level 3.**

33. Will Project require customer Escort? **Per specifications: General Requirements 1.5 Construction Security Requirements B.5 "The contractor MUST provide at a minimum of 2 personnel that meet the requirements of the Security Investigation Center (SIC) and pass the appropriate background check. This will allow the contractor in question to escort their workers in all Office of Technology (OIT) Intermediate Data Frame (IDF) closets." Note: Please budget \$1700.00 per technician to complete SIC background check.**

34. If so, what percentage of Project will require escorts? **See above**

35. Is Pre-project training required? **No pre-project training required**

36. If so, what type and by whom? **See above**

37. Verification of Fiber Type? **12-strand 62.5 OM2 Multi-Mode OSP**

38. Verification of Fiber Terminations? **ST**

39. Who will need to be responsible for end user training? **The contractor**

40. Will end user training require multiple classes? **Yes. A minimum of two 4-hour training sessions will be required.**

41. Who will be considered "end user"? **Engineering Electronics Technicians (8)**

42. Will conduit be required from indoor camera to inside cable tray **J-Hook pathways are acceptable, maximum spacing of 4 ft.**

43. Will this project be tax exempt or should Contractor's make sure to include all taxes in their bid? **All applicable taxes should be included in your proposal.**

44. After any modifications of existing doors/frames will the door assembly have to be recertified by UL, per NFPA 80? **No**

45. Who is responsible for door assemblies that have to be recertified by UL, per NFPA 80? **N/A**

46. All IT Closets appear to be hard ceiling. For access above hard ceilings, is the Contractor responsible for providing and installing flanged access panels? **Awarded contractor responsible for pathways.**
47. What size should the ceiling access panels be (dimensions)? **If determined that an access panel is required, coordinate with VA Engineering prior to installation.**
48. Where circumstances deem practical, will surface mounted raceway be acceptable. **Yes, coordinate with VA Engineering group prior to installation for approval.**
49. Are the 27 cameras in the Retail Store to be replaced as part of the project? **No**
50. Can existing cable trays be utilized, where available? **Yes, as long as you remain in compliance.**
51. Can J-Hooks be used as long as they aren't being connected to fire sprinkler pipes? **Yes, maximum 4ft. spacing.**
52. Where cameras are being replaced 1-for-1 (as shown on drawings), do the existing cameras have to remain in place and 100% functional, up and until the new camera is installed, operational and commissioned? **Yes**
53. Lobby Drawings indicate 8 new cameras to be replaced. Existing Lobby only has 3 cameras currently installed. This discrepancy was noted in many places. Where new cameras are to be installed, is the contractor to assume that all new cabling is to be provided? **Yes**
54. Can the VA provide the Contractors a reflective ceiling plan to determine where the hard ceiling are versus removable ceiling tiles? **No**
55. If existing conduit does not have space to run fiber/cable, is the contractor responsibility to provide new conduit EMT runs? **Yes**
56. Is there any existing fiber spares that can be used for this project? **Bid should include new fiber where fiber connectivity is required.**
57. Can 1/2" conduit EMT be used for power wiring and low voltage due to space limitations? **No, per the installation instructions minimum conduit size for low voltage is 3/4".**
58. Work Hours - What are the hours available to perform the installation? **Normal hours are M-F 7:30-4. Coordinate with the COR 48 hours in advance for access outside of these hours.**
59. Laydown Area - Will the Contractor have a laydown area(s)? If so, where? **The only area that will be provided for storage of tools, equipment, or supplies will be located by the grounds facility.**

60. On-site Storage for Materials - Will the Contractor have a place to store materials on site within the existing facility? If so, where? **No, there will be no locations inside the facility to store materials.**

61. On-site work trailer - Will the Contractor have a place for an on-site work trailer? If so, where? **No, there will not be sufficient space to put an on-site work trailer.**

62. On-site Conex - Will the Contractor have a place to provide and store a Conex container? If so, where? **Conex can be placed near the grounds building.**

63. Ownership of removed materials - What is the disposition of all removed components? Do the parts go with the Contractor or remain with VA? **Remain with VA.**

64. Asbestos – Is there any potential for encountering asbestos on the project? If so, to what degree? **None is anticipated.**

65. Asbestos – If asbestos is encountered, who is responsible for schedule impacts and cost for abatement? **No ACM is anticipated.**

66. Infection Control – portable vestibules – are portable vestibules with HEPA filtration required for all above ceiling work? **HEPA carts are an approved method for infection control. The contractor will provide HEPA carts or other pre-approved forms of infection control. 100% of the project will be considered to be a minimum level 2 infection control. Some areas will require level 3.**

67. “ALL NEW AND EXISTING MAG LOCK INSTALLATIONS FOR DOORS SHALL BE INTERLOCKED WITH THE FIRE ALARM SYSTEM SUCH THAT THE MAG LOCKS RELEASE DURING A FIRE ALARM.” Who is Fire Alarm Contractor and what is their contact information? **Installation of hardware and wiring is the responsibility of the awarded contractor, programming of the Fire Alarm system to be performed by the VA Engineering Electronics Technicians.**

68. Statement of work mentions turn-key project but no mention of test results for cable runs, will the awarded contractor need to provide test results for all camera network cables installed? **Test results for all Category 6 cabling and fiber-optic cabling are required.**

69. Will the programming and configuration of the ONSSI software be performed the VA or the security contractor? **Programming and configuration of the ONSSI VMS to be performed by the contractor. Technicians must be OnSSI certified.**

70. Will the outdoor cameras require surge protection? **Yes**

71. If surge protection is required, who will provide the grounding? The VA or the security contractor? **Contractor**

72. What level of RAID do you prefer in your recording servers? **RAID 6**

73. Statement of work says minimum resolution is 1280x720p, but all camera model numbers are 1080p. As this effects storage, what is the minimum resolution and how many days of storage is required? **All cameras to be configured at 1080p at 10 frames per second. 30 days of storage is required.**

74. What level of Infection control should we design our pricing around? Also, will the VA provide the HEPA cart and HEPA vacuum for our installs or do we need to provide our own? How many days' notice do we need to provide to work in any specific area? Can you please provide an example of what's included in an ICRA document? **HEPA carts are an approved method for infection control. The contractor will provide their own HEPA carts or other pre-approved forms of infection control. 100% of the project will be considered to be a minimum level 2 infectioncontrol. Some areas may require level 3. A 24-48-hour notice is sufficient. Note: An example of the infection control document (ICRA) is provided with this response. See Attachment C.**

75. Do you want the UNI-BBB1 and UNI-BBB2 wall mounts for the outdoor cameras? **Yes, all outdoor cameras require their corresponding back box / mounting hardware.**

76. Will the contractor/installers be required to have an Arkansas State Contractors License / or Arkansas State Security License? **Per specifications: General Requirements 1.5 Construction Security Requirements B.5 "The contractor MUST provide at a minimum of 2 personnel that meet the requirements of the Security Investigation Center (SIC) and pass the appropriate background check. This will allow the contractor in question to escort their workers in all Office of Technology (OIT) Intermediate Data Frame (IDF) closets." Please budget \$1700.00 per technician to complete SIC background check. NOTE: It is the responsibility of the bidding contractor to meet all federal/state requirements pertaining to the installation of security/alarm systems.**

77. No warranty is mentioned in the statement of work; what period are we expected to warranty the labor and material? Siemon warranty? **The minimum warranty requirements are as follows: 3 years **parts and labor** for all surveillance cameras, servers, software and access control components used in this project. The Siemon structured cabling system (Category 6 and Fiber-Optic cabling) requires a manufacturer 20-year warranty.**

78. Will the contractor be required to provide a manufacturer's 25-year Siemon warranty for the camera connectivity and cabling? **See above.**

79. Will a bid bond and payment performance bond be required? **Yes**

80. To provide a correct 3-year SUP price we will need to know exact number of cameras existing on site. **Bidding contractors shall include an additional 121 x OnSSI Stay Current (part# SC-OC-ENT-1C-3Y) to accommodate the existing system.**

81. Will the awarded contractor be expected to Demo the old camera system and cabling? **Yes. All demoed systems will be turned over to VA Engineering.**

82. Which document takes precedence as it relates to the specifications, the drawings (VA256-17-B- 1195-003.pdf & VA256-17-B-1195-004.pdf) or the VA Master Specifications (VA256-17-B-1195- 005.pdf)? **The drawings shall take precedence.**

83. Will the bid opening be public? **Yes, opening bid will be held on September 29, 2017 at 10:00AM CST at 2200 Fort Roots Drive, North Little Rock, AR 72114. Building 41 room 222B.**

84. Are you looking for the proposal to be presented in multiple volumes, i.e. Technical, Pricing, etc.? Are there any other instructions forthcoming for the preparation of the offer? **Provide bid per the instructions in the solicitation.**

85. What is the evaluation criteria for determining the award? **Price, Compliance with Specifications, Drawings, and Statement of Work.**

86. Reference: Block 8 of SF 1442. In addition to delivering a hard copy to the address referenced, is there an electronic option to submit the offer? **No electronic submission, hard copy only.**