AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.	1. CONTRACT ID CODE	PAGE 1 OF PAGES 18

2. AMENDMENT/MODIFICATION NUMBER	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NUMBER	5. PROJECT NUMBER (if applicable)
0002	07-09-2026		626-22-103

6. ISSUED BY CODE

Department of Veterans Affairs
Network Contracting Office 9 (90C)
ATTN: Lara Hampton
1639 Medical Center Parkway, Suite 204
Murfreesboro TN 37129

7. ADMINISTERED BY (If other than Item 6) CODE 90C

Network Contracting Office 9
Department of Veterans Affairs
Network Contracting Office (90C)
1639 Medical Center Parkway Suite 204
Murfreesboro TN 37129

8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code)

To all Offerors/Bidders

CODE | FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NUMBER 36C24926R0065
X	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NUMBER
	10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [X] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. ** HOUR & DATE for Receipt of Offers is EXTENDED to: 07-21-2026 1:00PM CDT

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
[ ]	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
[ ]	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
[ ]	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
[ ]	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [ ] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this amendment is to provide responses to Requests of Information (RFI's) and extend the due date for proposals from 07/10/2026 to 07/21/2026 at 1:00PM CT.

See pages 2-18 for RFI responses
See Atach 1 Video Camera Design Change

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Jeannette L. Morphew Contracting Officer	VA-VHA-RPOC-2023-0068
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED

RFI Questions & Responses:

1. **Question:** Attachment 15 – J&A JCI VIDEO – is our interpretation correct that JCI currently has a security systems maintenance agreement/contract in place with the VA and that only JCI can provide integration of new equipment under this solicitation into the existing system?
   Answer: Yes, for Nashville and Murfreesboro

2. **Question:** Are there any hardware or materials that are expected to be JCI sole sourced or just services? Can the VA provide additional information on what services must be performed by JCI?
   Answer: Just what is in the drawings and specs.

3. **Question A:** Does the VA have a JCI contact?
   Answer A: Yes

4. **Question:** Is the VA aware of any SDVOSB competitors which may have an agreement with JCI to receive complimentary pricing or discounted pricing in support of this effort versus other bidders, or is it the VA's understanding that JCI will provide the same price for services to all SDVOSB bidders?
   Answer: We are not aware of any SDVOSB's that receive discounted pricing. We believe they will bid the same to all bidders.

5. **Question:** We are submitting a technical clarification requesting the consideration of FISMA-compliant Hybrid-Cloud "or equal" enterprise solutions to maximize small business competition and significantly lower procurement costs for the Government.
   Answer: Must meet what is in the drawings and specs.

6. **Question:** Is a government camera schedule or camera count available, or must offerors develop all camera quantities from the drawings?
   Answer: From The Drawings

7. **Question:** Are the three Avigilon NVRs shown in the project documents contractor-furnished, government-furnished, or partially government-furnished?
   Answer: Contractor furnished.

8. **Question:** Are PoE switches and related network equipment contractor-furnished or VA-furnished? Please clarify the contractor's responsibility for PoE switching/network equipment.
   Answer: Contractor provides. Basis of Design for switches is C9300X-48HX-M

9. **Question:** Is Johnson Controls the required current service/integration provider for this project? If so, what authorization, coordination letter, or proof of coordination is required at proposal submission?
   Answer: Yes, they are the current service/ integration provider.

10. **Question:** Does Avigilon authorization need to be held by the prime contractor, the subcontractor/integrator, or either member of the proposed team?
    Answer: Either

11. **Question:** Will the base bid and alternates be awarded together, or may the Government award only selected bid items/alternates?
    Answer: Alternates could be awarded selectively depending on pricing.

12. **Question:** What is the anticipated award date and anticipated Notice to Proceed date?
    Answer: This is an FY26 project, therefore we anticipate award NLT September 2026 with the NTP to follow shortly after.

13. **Question:** Are after-hours work, weekend work, infection-control coordination, escorting, or outage windows expected for occupied clinical or administrative areas?
    Answer: Yes

14. **Question:** Are bidders required to maintain the existing Video Surveillance System operational during cutover?
    Answer: Yes

15. **Question:** Are there areas with special access restrictions that may materially affect labor hours, escorting requirements, or schedule?
    Answer: Yes

16. The contract drawings include wall-rating information and the project requires firestopping for penetrations through rated walls, floors, ceilings, smoke barriers, and fire barriers. The CCTV/security work requires new conduit, cabling, and pathway penetrations throughout multiple buildings.
    Question: Please confirm that all smoke-rated and fire-rated partitions, walls, floors, ceilings, and barriers requiring firestopping penetration assemblies are fully identified on the contract drawings.
    Answer: Yes, they are.

17. The drawings route new CCTV cabling, fiber, conduit, and equipment connections to multiple TR rooms, IT rooms, telecom rooms, and data closets throughout the project. The drawings and specifications require firestopping where penetrations occur through rated assemblies.
    Question: Please confirm whether all TR rooms, IT rooms, telecom rooms, and data closets serving this project are enclosed by fire-rated and/or smoke-rated assemblies requiring listed firestopping systems for all new penetrations.
    Answer: Yes, they are.

18. **Reference**: Project Schedule & Sequencing; Spec 01 32 16.15
    Question: The project schedule and sequencing depend on timely access to the TR rooms, IT rooms, telecom rooms, data closets, and related pathways required for cabling, equipment installation, terminations, testing, and commissioning. Delays caused by rooms or supporting infrastructure being constructed or made available by others may impact this Contractor's critical path. Please confirm how schedule impacts, delays, remobilization, resequencing, or additional costs resulting from late completion or late turnover of rooms/infrastructure by others will be handled under this contract.
    Answer: It will require a modification.

19. The drawings and specifications include differing minimum conduit requirements. Several drawing notes indicate all conduit shall be 3/4 inch minimum, while communications specifications and the T-601 riser notes indicate 1-1/4 inch minimum conduit for 4-pair balanced twisted pair cabling.
    Question: Please confirm the required minimum conduit size for CCTV/security UTP cabling, fiber cabling, and related security raceways.
    Answer: 3/4" minimum conduit is the requirement for electrical power. 1-1/4" minimum conduit is the requirement for UTP cable. (Apogee)

20. The drawings indicate new CCTV cabling is to be run on J-hooks above ceilings in corridors, while the communications raceway specifications indicate raceways are required for communications cabling and identify Video Surveillance as requiring complete conduit.
    Question: Please confirm whether new CCTV/security cabling is permitted to be installed on J-hooks above accessible ceilings or must be installed in continuous conduit/raceway.

Answer: Must be installed in conduit.

21. The riser diagram notes that the VA is to provide PoE data switches with 2-10 gig uplinks for CCTV equipment, while the drawings and specifications also reference new PoE switches, Cisco 9300 switches, and spare PoE switch requirements.
Question: Please confirm whether all PoE switches required for the CCTV/security system will be furnished by the VA or furnished by the Contractor.
Answer: Contractor provided

22. The contract documents reference owner-furnished equipment and also require the Contractor to install, configure, test, and provide a complete and operable system.
Question: Please identify the party responsible for installing, configuring, programming, testing, and warranting any VA-furnished PoE switches used for this project.
Answer: Contractor will be responsible.

23. The brand-name justification identifies Johnson Controls/JCI as the proprietary provider required for integration of the new cameras and security software into the existing TVHS security systems.
Question: Please confirm whether the Contractor is required to subcontract directly with JCI for all required system integration services.
Answer: Yes

24. The brand-name justification identifies Avigilon as required for compatibility with the existing installed camera equipment and campus security system infrastructure, while the specifications include language referencing basis-of-design products and substitution requests.
Question: Please confirm whether Avigilon products, software, licensing, and associated components are mandatory brand-name requirements with no substitutions permitted.
Answer: Avigilon products are mandatory.

25. The drawings require new cameras to be connected before removal of cameras being replaced to avoid blind spots, and existing CCTV services are required to remain active outside active construction areas.
Question: Please provide the required cutover and approval sequence for replacing existing cameras while maintaining continuous security coverage.
Answer: New camera installed, old camera removed after verified new camera is operational.

26. The drawings require existing cameras, equipment, and cabling to be removed back to source and turned over to the Police Department, while existing conditions are noted as being based on best available information and subject to field verification.
Question: Please confirm the required extent of demolition for existing camera cabling, conduit, boxes, supports, and abandoned pathways where existing routing cannot be fully traced or accessed.
Answer: Removed back to source.

27. The selective demolition specification states hazardous materials are not expected to be encountered and, if suspected hazardous materials are encountered, they are not to be disturbed and will be removed by the Owner under a separate contract.
Question: Please confirm that any hazardous material abatement required for above-ceiling work, penetrations, demolition, or cabling removal will be performed by the Owner under separate contract.
Answer: It would be a MOD to this contract.

28. The ICRA sheet classifies certain construction activities and requires coordination of final approved ICRA measures with VA ICRA personnel before construction, while individual technology sheets require use of a mobile containment cart along corridors.

Question: Please confirm the required ICRA class and containment method for above-ceiling cabling, wall penetrations, camera installation, and demolition activities in each building.

Answer: It depends on the location and number of tiles removed. In clean areas a mobile containment cart will be necessary. You may have more than one ICRA class in a building.

29. The riser diagram identifies a new SMT3000C UPS for rack equipment, and the specifications include UPS/emergency power requirements for security equipment and network switches.
Question: Please confirm the required UPS runtime, power source, emergency power connection, and circuiting requirements for the CCTV headend, NVRs, PoE switches, monitors, workstations, and related security equipment.

Answer: Specifications give UPS requirements and emergency power requirements.

30. The specifications require coordination of IP addresses, CCTV VLANs, network connections, PoE switch programming, NVR programming, and complete electronic programming files with COR/IT.
Question: Please confirm when VA OIT will provide the required IP addresses, VLAN information, network connection approvals, switch configuration requirements, and cybersecurity requirements necessary for system programming and testing.

Answer: When contractor requests them.

31. **Question:** The specifications include multiple bid items with different periods of performance and exclusions for specific buildings, while the drawings show cameras, cabling, IT room connections, exterior cameras, and backbone routing across multiple buildings. Please clarify the exact scope included and excluded under each bid item, including associated exterior cameras, cabling, backbone fiber, IT room equipment, programming, testing, and commissioning.

Answer: Specification will rule the bid items.

32. The project includes both a Davis-Bacon wage determination for building construction and a Service Contract Act wage determination for service-related labor classifications.
Question: Please confirm which wage determination applies to security system programming, software configuration, JCI integration, testing, commissioning, training, and post-installation support services.

Answer: Both, some labor categories for the construction fall under the Davis Bacon, while the JCI service connection portion would fall under the SCA – based on labor categories.

33. The drawings require exterior conduit runs to be minimized, existing penetrations reused where possible, and all exterior conduit painted to match the building color before rough-in.
Question: Please confirm whether the Contractor is required to obtain COR approval for each exterior conduit route, penetration, mounting height, and paint color before installation.

Answer: Those items shall be submitted and reviewed by COR prior to installation.

34. The drawings require contractor coordination with COR/OIT prior to rough-in and note that exact routing and field conditions must be coordinated before installation.
Question: Please confirm whether approved routing drawings are required before rough-in for all new camera cabling, fiber backbone cabling, conduit, sleeves, and penetrations.

Answer: Drawings are not required other than what is in the specifications for red lines and as-builts. The intent of the coordination effort prior to rough-in is to make sure that the routing, conduit, sleeves, and penetrations are coordinated with existing field conditions and OIT needs.

35. The specifications require pre-installation design package reviews at 35 percent, 65 percent, 90 percent, and 100 percent, along with shop drawings and operational test plans before formal testing.
Question: Please confirm whether the Contractor must prepare full security system design package submissions at 35 percent, 65 percent, 90 percent, and 100 percent for this design-bid-build project.

Answer: Yes

36. Per "Proposed Phase Scheme" schedule on drawing T-001, Note 1 states to connect new fiber backbone cabling from new security camera headend equipment to new POE Cisco switch to be installed in room 115 building 5 to facilitate connection to campus secured fiber network.
Question: a) Who is responsible for connecting to "campus secured fiber network"? **b)** If contractor is responsible, please provide what type of cabling and where the connection point is to tie into the "campus secured fiber network".
Answer: A) The connection to the OIT Network will be done by VA OIT staff. Patch Cables shall be provided by the contractor. B) The connection points will be in the MCR (York), and the Police Dispatch (Nashville). Cable type is MM patch cable. Likely duplex SC terminations.

37. Note 4 in the same "Proposed Phasing Scheme" schedule states to install monitors in the Police Dispatch Room. Nothing is shown for connectivity in the police dispatch room.
Question: a) Who is responsible for connecting them to the network and bringing the monitors on line? **b)** If contractor is responsible, how do they connect to the network?
Answer: Contractor. The monitors should plug into PCs. The PCs should be connected to the secured network.

38. Do all camera locations that only show a Keynote 1 to "remove existing cameras and cabling and repair surfaces" get demoed with no replacement?
Question: Do all camera locations that only show a Keynote 1 to "remove existing cameras and cabling and repair surfaces" get demoed with no replacement?
Answer: All cameras labeled 'RV' get demoed with no replacement.

39. **Question:** Is all fiber to be in a complete conduit raceway system?
Answer: yes

40. **Question:** Is all cat 6 cabling to cameras to be in a complete conduit raceway system?
Answer: Yes. Provide conduit from the camera to the supporting Telecomm/IDF closet.

41. Note 3 on the "Proposed Phasing Scheme" schedule on drawing T-001 states to install "required power outlets". No power outlets are shown in any TR rooms on any drawings or in Building 112 for the headend or for the racks.
Question: Please provide power details of required power for these areas including panels they are to be fed from and whether or not it has to be fed from Emergency Power or Normal Power.
Answer: There are some areas where new power is required to support the additional active equipment (e.g., Nashville-T-402D, York-5.T-101).

42. Reference: Cable Runs
Question: Will new CAT 6 be required for the horizontal runs to be in conduit? Existing is not currently in conduit.
Answer: Yes

43. Reference: Cable
Question: What is the cable color required for video for identification?
Answer: White per sheet T-001 referenced in specs. UTP – White per sheet T-001. Fiber SM – Yellow and MM – Aqua per sheet T-001.

44. Reference: LAN Network
Question: Is there a LAN Network established for the existing cameras on campus?
Answer: There is, but this will be establishing Police services with their own network.

45. Reference: LAN Network
Question: Can you provide a network map that indicates where that network is established?
Answer: The existing Network is a vLAN and part of this project is to establish a separate physical LAN for Police.

46. Reference: LAN Network
Question: Is all security equipment on a stand-alone LAN Network? If so can you list the components of that network and available expansion?
Answer: No, it is not on a standalone system

47. Reference: LAN Network
Question: Will any new switches need to be provided for this bid? If so can you list the exact model and manufacturer of switch needed?
Answer: Yes, See 8: C9300X-48HX-M (Cisco 9300) and drawings.

48. Reference: Video Server
Question: Would a new video server be needed to support the additional cameras for this job?
Answer: Yes, See drawings and specs they give you this information.

49. Reference: Video Server
Question: If a new video server is needed, can you identify that server type by manufacturer? This is so that the platform will match the security requirements of the site.
Answer: See drawings and specs they have this information.

50. Reference: Video Server
Question: Would any additional video licenses be needed for the new cameras?
Answer: Yes

51. Reference: Video Server
Question: If new licenses are needed, please provide what level of license they have existing (Enterprise, Standard).
Answer: Unity 8 enterprise camera license for cameras

52. Reference: Network Switches
Question: Will any new network switches be required for any of the new security products?
Answer: Yes

53. Reference: Network Switches
Question: If they are required, can you supply the exact model number of the switches needed?
Answer: See 8. C9300X-48HX-M (Cisco 9300)

54. Reference: Network Switches
Question: If they are required, can you supply the exact location of the new switch/ switches?
Answer: The new switches will go in the supporting OIT/IDF closets shown on the drawings.

55. **Question:** What size conduit is required for Fiber?
Answer: This depends on the type of fiber that is supplied. Likely will need 1" conduit for a single fiber cable. Where multiple are bundled together larger conduit will be needed.

56. **Question:** What size conduit is required for CAT 6 cabling?
Answer: See Response #19.

57. **Question:** There are many cameras shown throughout the drawings that do not have a keynote specifically stating to "provide new" or "replace" or to "provide new cabling". Are all cameras shown to be new with new cabling back to the headend?
    Answer: See 46.

58. **Question:** There are two separate wage determination sheets. Davis Bacon and Register of wage determination. Which are we to use for this project?
    Answer: Both, some labor categories for the construction fall under the Davis Bacon, while the JCI service connection portion would fall under the SCA – based on labor categories.

59. **Question:** What size monitors are needed for the head end?
    Answer: 55".

60. **Question:** Does yellow conduit with stripe need to be installed for every Cast6A camera cable as stated. Or can cable be free aired with Jhook supports?
    Answer: Conduit with yellow stripe. The stripe needs to be every 5'-0" OC. Two stripes (minimum) per 10'-0" stick of conduit. Stripe needs to face away from walls when mounted on walls and down when mounted on ceilings or trapeze.

61. **Question:** States to install fiber backbone, but does not specify type or strand count.
    Answer: 24 strand MM. See 28 05 13 2.5/2.6

62. **Question:** What is the existing Access Control System that needs to be integrated with?
    Answer: CCURE 9000

63. **Question:** Can you clarify the part #'s for the cameras and the megapixel for each one. Drawing and specs are conflicting or inaccurate. These part #'s are obsolete and not sure what the SW stands for in the H6SL SW camera part #.
    Answer: Updated camera part numbers are on the Motorola Avigilon site.

64. **Question:** Can you confirm if VA is providing Network switches or if we need to Provide. What are the specs on the switch if we need to provide?
    Answer: Contractor provides See response #8. C9300X-48HX-M

65. **Question:** Is the existing VMS platform Avigilon Control Center (ACC) 7 or Avigilon Unity Video, and what edition (Enterprise or Standard) is currently deployed?
    Answer: Unity 8 Enterprise

66. **Question:** Is the Avigilon VMS currently integrated with a third-party Access Control System (ACS)? If yes, please provide the ACS manufacturer and software version.
    Answer: CCure 9000 version 3.0 moving to 3.1

67. **Question:** Will the Government provide the necessary Avigilon camera channel licenses and integration licenses, or must the Prime Contractor include these in the cost proposal?
    Answer: Include in proposal.

68. **Question:** Are the existing analog cameras connected via Avigilon IP Encoders, or will this project require a complete rip-and-replace of legacy coaxial cabling with new Category 6 (Cat6) network infrastructure?
    Answer: No

69. **Question:** Are there specific Avigilon-compliant cybersecurity hardening guidelines, or is FIPS 140-2/140-3 cryptography compliance required for the new camera hardware?

Answer: The Federal Information Processing standards (FIPS) 140-2 certification status of this technology was not able to be verified. This technology will require a 3rd party FIPS 140-2 or 140-3 certified solution for any data containing PHI/PII or VA sensitive information, where applicable. More information regarding the Cryptographic Module Validation Program (CMVP) can be found on the NIST website.

70. **Question:** Is the existing Physical Access Control System (PACS) a Software House C•CURE 9000 platform? If yes, does it possess an active CC9000-AVIGILON integration license?
    Answer: CCure 9000

71. **Question:** What is the exact version of the current Avigilon platform? If it is legacy ACC 7, is a mandatory upgrade to Avigilon Unity Video required under this camera-replacement scope?
    Answer: Unity 8

72. **Question:** Will the replacement cameras require FIPS 140-2 or 140-3 cryptography modules enabled at the hardware level, or must they utilize standard STIG-hardened firmware?
    Answer: See response #82. Where applicable.

73. **Question:** Does the scope include re-linking cardholder VA PIV (Personal Identity Verification) badging events to the newly deployed camera feeds?
    Answer: No but it needs to have the capacity.

74. Question: Are the replacement cameras required to support Avigilon Server-Side or Device-Based Video Analytics (e.g., Classified Object Detection, Appearance Search, or License Plate Recognition)?
    Answer: Avigilon cameras do this already.

75. **Question:** Will the new IP cameras reside on the dedicated, air-gapped VA Physical Security Network (PSN), or will the Prime Contractor be responsible for providing new network switches and patching?
    Answer: This project is creating the new, “air-gapped” network LAN and will require switches, patching, patch cable, and new MM fiber cable.

76. **Question:** The justification states JCI is the proprietary owner/maintainer of the current security infrastructure. Will JCI be provided as Government Furnished Support, or is the Prime Contractor required to subcontract directly with JCI for headend programming, camera discovery, and integration mapping?
    Answer: Subcontract with JCI

77. **Question:** The document mandates "artificial-intelligence-enabled video analytics." Will these analytics be processed at the edge (on the new cameras), or is the Prime required to provide new Avigilon AI Appliance hardware / Avigilon Unity analytic licenses?
    Answer: Prime.

78. **Question:** To ensure connection "without disrupting operations," will the VA permit a parallel network buildout for the new IP cameras, or must the migration happen live on the existing production switches?
    Answer: The existing system is running on a vLAN. The new LAN will allow migration to happen while existing cameras are live.

79. **Question:** Do we need to include new SSA’s. How long do the Service contracts need to be good for?
    Answer: No

80. Question: Avigilon NVR5-PRM-228TB-S19 is spec'd and it does not exist. There is a 224TB and a 288TB. Should one of those be the correct one?

Answer: NVR5-PRM-228TB-S19 should be NVR5-PRM-224TB-S19—the 224TB version.

81. Question: Can conduit size be smaller? This seems excessive if only 1 cable is installed for 1 camera?

Answer: Response: See 19. 3/4" minimum conduit is the requirement for electrical power. 3/4" minimum conduit for camera homeruns. 1-1/4" minimum conduit for UTP in-wall conduit down to a data jack.

82. Question: Can PM serve as site safety as well or do they have to be 2 separate individuals?

Answer: 01 35 26 says the full-time SSHO has no other duties.

83. Question: Will VA provide base CAD files to serve as base for final drawings and deliverables?

Answer: Yes.

84. Question: Depending on answers to questions, time seems too short. Closer to 345 days on initial projection. Can timeline be extended?

Answer: Proposal due date has been extended**.**

85. Question: Are we able to work in multiple areas at the same time?

Answer: Yes, depending on what construction is to be done, availability of VA escorts (where required), and necessary ICRA requirements.

86. Question: Is it the governments intent – to use a service contract with the SCA wage determination? As there are (3) main trades – Electrical, telecom & professional service (JCI).

Answer: Yes, some labor categories for the construction fall under the Davis Bacon, while the JCI service connection portion would fall under the SCA – based on labor categories.

87. Reference: T-601 Technology Riser; T-001 General Notes; T-Series Plans

Question: The drawings specify a new Cisco 9300 PoE switch and patch panel in each telecom room and note "VA to provide PoE Data Switch with 2–10 GIG uplink for all CCTV equipment." Are the PoE switches government-furnished (GFE) or contractor-furnished?

Answer: The VA will only be providing switches for access to the OIT network. All switches and patch panels to be used for creating the new SSTV LAN are to be provided and installed by the contractor.

88. Reference: T-601 Technology Riser; T-001 Phasing Scheme; T-Series Plans

Question: Please confirm the number of new and available/spare PoE switch ports allocated per telecom room and the required uplink configuration at each switch location.

Answer: None. A new LAN for the cameras is to be established.

89. Reference: T-601 Technology Riser; T-402D / T-Series Plans; Spec 27 11 26

Question: The drawings require new PDUs, a new SMT3000C UPS, and a new 1P/20A breaker in existing Panel 1ECLB. Please confirm the division of responsibility between the Electrical Contractor and the Security Contractor for the branch circuit, breaker, and receptacle work?

Answer: That is for the contractors to decide. The work just needs to be done by a licensed electrician.

90. Reference: G-100 ICRA Information and Details

Question: Please confirm the required ICRA classification level for each work area and building floor. G-100 provides the activity-type matrix, but the Patient Risk Group designation per area is not identified. Clarify where Class III, IV, or V containment measures will be required.

Answer: Based on the areas where work is to be done, Class II is the maximum ICRA precaution needed.

91. Reference: General Construction Phasing / Hospital Operations

Question: Please confirm allowable working hours for CCTV installation within occupied patient-care areas, and identify any areas requiring night, weekend, or shutdown work windows.

Answer:
Murfreesboro: In patient care areas it will be nights and weekends starting from 5pm at night. Day work will be 1A,1B, 116, 11, 17 and any outbuildings.
Nashville: In patient care areas night and weekends work required starting from 5pm.

92. Reference: G-002 Site Notes; Existing Infrastructure

Question: Please confirm whether existing cable trays, conduits, sleeves, risers, telecommunications pathways, and support systems may be reused for new CCTV cabling installation. If reusable, identify which existing pathways are available.

Answer: Assume no existing for bidding purposes.

93. Reference: Spec 28 05 13 §3.8; Existing Wiring

Question: Spec 28 05 13 §3.8 states existing wiring shall NOT be reused unless specifically indicated on the plans and shown to conform to current specs/codes. Please confirm whether any existing CCTV cabling or fiber is specifically designated for reuse, and the inspection/acceptance criteria for doing so.

Answer: None.

94. Reference: Demolition Scope; Existing CCTV Infrastructure

Question: Please confirm whether existing cameras, mounts, cabling, and associated hardware are to be removed, abandoned in place, or reused. If reusable, identify which existing infrastructure is intended to remain operational.

Answer: All existing cameras, mounts, cabling, and associated hardware shall be removed. Patch/repair/paint to match existing. Any conduit and junction boxes embedded in concrete and/or CMU may be abandoned in place with a stainless-steel cover plate to cover the junction box.

95. Reference: T-001 Phasing Scheme; T-Series Floor Plans

Question: The phasing scheme requires new cameras operational before existing cameras are removed to avoid blind spots. Is the existing CCTV system fully operational with coverage at all locations being upgraded, and are any areas already non-functional in a way that affects the phasing sequence?

Answer: If there are currently non-functional cameras, this information will be shared after award and during construction. For bidding, assume all cameras are functional and there is full coverage.

96. Reference: T-001 Phasing Scheme

Question: Who is responsible for maintaining monitoring continuity during the transition — VA Police, JCI, or the contractor?

Answer: VA Staff and the Contractor. The contractor shall work together with VA staff to plan cutovers and installation to maintain monitoring continuity.

97. Reference: T-601 Riser Diagram, Key Note 4 – Spare Fiber Coordination

Question: Please provide the current spare fiber (MMF) counts confirmed by OIT for each telecom room (A-139, A-140, E-16, C-01, A-17A, B-151A, and all others on the T-Series plans) and confirm which strands are approved for CCTV use.

Answer: No spare fiber. All fiber shall be new.

98. Reference: T-601 Riser Diagram; Spec 28 05 13

Question: For camera runs exceeding 295 ft (90 m) requiring fiber, please confirm the fiber strand count and connector type at each such camera location, whether the contractor provides media converters/transceivers at both ends, and the power source for fiber-fed cameras (local 120V vs. midspan injector).

Answer: 4 strand as stated in the specifications. Connector type can be whatever the media converter uses. It is acceptable to use UTP systems specifically made for longer distances. If using a media converter, 120V power will be required with a transformer and/or a receptacle.

99. Reference: T-601 Riser Diagram, Key Note 3 – NVR Location

Question: Please confirm the specific server room designation/room number where the Avigilon NVRs are to be installed, the total number of NVR units required, and available rack space.

Answer: A-139 (See Sheet T-402D) for Nashville and B5-RM 115 (See Sheet 5.T-101) for York. See sheet T-601 for NVR counts.

100. Reference: Spec 28 23 10 §2.2/§2.3 (Storage); T-601 (30-day retention)

Question: The NVR spec cites 432TB RAID 60 / 2100 Mbps throughput while T-601 requires a 30-day minimum retention. Please confirm the recording parameters governing storage sizing — resolution, frame rate, compression (H.264/H.265), and continuous-vs-event recording mode per camera — so 30-day retention for all 235 cameras can be verified.

Answer: Resolution – by camera type (see specifications, symbol legend, and item 117). Frame Rate – by camera type (see specifications and item 117). Compression – H.265. Recording – Assume continuous for bidding. Some will be continuous for most of the day while others will always be event based.

101. Reference: Spec 28 23 20 §2.2 vs §2.3 (NVMS tiers)

Question: The specs cite conflicting NVMS tiers — ACC Enterprise (300 cameras/server) and ACC Standard (75 cameras/site). Please confirm which edition and license tier applies and the required number of servers for the 235-camera count.

Answer: Unity 8 Enterprise.

102. Reference: T-001 Camera Type Schedule; Spec 28 23 40

Question: Please reconcile the drawing Camera Type Schedule (235 Avigilon cameras: H5A DH/FE/MS, H6, H6SL) against the Spec 28 23 40 camera models and confirm the exact model, megapixel rating, and lens for each camera tag.

Answer: 28 23 40 2.1-2.3 apply to all cameras. Section 2.4 = H6, 2.5 = H6SL and the 2MP variation of the H6SL indicated by "SW" which means Stairwell, 2.6 = H5A DH, 2.7 = H5A FE, 2.8 = H5A MS 360, and 2.9 = H5A MS 270/180. The model, MP rating, and lens are given under each section in the specifications. The tags on the floorplans give which camera type is required at that location.

103. **Reference**: T-001 General Notes, Note 27 – NDAA

Question: Technology General Note 27 requires all cameras to comply with the NDAA. Please confirm the specific NDAA provision(s) applicable, whether the specified Avigilon models are pre-approved as NDAA-compliant by the VA, and whether NDAA compliance documentation must be submitted with the shop drawings.

Answer: Section 889 of The John S. McCain National Defense Authorization Act. Avigilon cameras are not pre-approved, but it is understood that they do meet the requirements. Please submit NDAA compliance documentation with the shop drawings.

104. **Reference**: Spec 28 23 40 (CCTV VLAN); VA OIT Coordination

Question: Spec 28 23 40 requires a dedicated CCTV VLAN coordinated with COR/IT. Please confirm whether VA OIT furnishes the VLAN configuration, IP scheme, and switch port assignments, or whether the contractor configures them.

Answer: Contractor will configure VLAN. Coordinate required connections to OIT equipment with VA COR and OIT staff.

105. **Reference**: VA Cybersecurity / RMF

Question: Please confirm the cybersecurity authorization (ATO/RMF) requirements for connecting the system to the VA network, and any VA-specific hardening/STIG requirements for the NVR and workstations.

Answer: This process will be done during performance via OIT approval

106. **Reference**: T-501 Technology Details; Spec 07 84 00 – Firestopping

Question: The T-501 sheet includes UL firestop details (W-L-1001, C-AJ-1001, C-AJ-1044). Please confirm whether these are the only approved firestop systems or whether contractor-submitted equivalents will be considered, whether a separate firestop submittal log is required, and who performs the firestop inspection.

Answer: Those are examples of acceptable UL listed systems. Contractor-submitted equivalents will be considered. Contractor to hire inspector—see 07 84 00 1.5.C.

107. **Reference**: Spec 28 05 26 §3.7 & 27 05 26 §3.1.O (≤5 ohms); Spec 28 23 00 §3.1 (0.1 ohm)

Question: The grounding specs conflict: ≤5 ohms to the grounding electrode system vs. 0.1 ohm total ground resistance for security equipment. Please confirm the governing value for the CCTV head-end/rack equipment and whether the existing TGB/TMGB satisfy it or new grounding electrodes are required.

Answer: I do not see anything about 0.1 ohm in 28 23 00, nonetheless, go based on less than or equal to 5 ohms. For bidding purposes, assume the existing satisfy it.

108. **Reference**: Spec 28 05 00 §2.4/§1.15 (TVSS); TS101 (Exterior Cameras)

Question: Spec 28 05 00 requires TVSS at each exterior camera, head-end SPDs, and 450VA battery backup, and tasks the Security Contractor with a lightning protection system — but Sheet TS101 (exterior camera locations) is not in this set. Please provide the number and locations of exterior/pole-mounted cameras.

Answer: York = 1, Nashville = 0

109. **Reference**: Spec 28 05 00 §3.x Endurance Test; Spec 01 32 16.15

Question: Spec 28 05 00 requires a four-phase Endurance Test (Phase I and III each 24 hrs/day for 15 consecutive days, no repairs). Please confirm the total contract period of performance / completion duration.

Answer: See 01 00 00 General Requirements for period of performance information.

110. **Reference**: Spec 28 05 00 §3.x Endurance Test; Spec 01 00 00 §1.9.I

Question: Please confirm whether the Endurance Test (Phase I + III) must be scheduled after all 235 cameras are installed and accepted, or may proceed in phases per building/floor, and the milestone/phasing breakdown the VA expects in the baseline CPM schedule.

Answer: No, it does not have to take place after all cameras are installed. It can be if that works best for completing the project. The baseline CPM schedule is one that completes all work within the Period of Performance.

111. **Reference**: Spec 28 23 00/10/20/40 §3.x (4 hrs) vs Spec 01 00 00 §1.17

Question: The VASS spec sections each require only 4 hours of manufacturer training, while Section 01 00 00 requires integrated instruction until the COR is satisfied and related sections reference 16-hour programs. Please confirm the total required training hours, the number of VA personnel/shifts to be trained, and whether training must be completed prior to the Endurance Test.

Answer: Follow training outlined in 01 00 00. Provide training for both day and night shift workers, a minimum of 4-4 hour blocks of training for up to 6 people.

112. **Reference**: Atch 14/15 Brand Name Justifications (BAA); Spec 01 00 00

Question: The Brand Name Justifications state the Buy American Act applies to the overall construction and to the Avigilon products. Please confirm the specific domestic-content/BAA certification the contractor must submit and at what stage, whether any non-domestic components require a waiver, and whether NDAA §889 certification is also required.

Answer: A certificate from the manufacturer must be provided to prove compliance with BAA, or a waiver. NDAA 889 does apply.

113. **Reference**: Contract Drawings (Wall Rating Info); Spec 07 84 00 – Firestopping

Question: The contract drawings include wall-rating information and the project requires firestopping for penetrations through rated walls, floors, ceilings, smoke barriers, and fire barriers. The CCTV/security work requires new conduit, cabling, and pathway penetrations throughout multiple buildings. Please confirm that all smoke-rated and fire-rated partitions, walls, floors, ceilings, and barriers requiring firestopping penetration assemblies are fully identified on the contract drawings.

Answer: All known rated fire partitions are shown on the floor plans. Most of the time, only ceilings in stairwells are rated. Assume floors are 90 minute.

114. **Reference**: T-Series Plans; Spec 07 84 00 – Firestopping

Question: The drawings route new CCTV cabling, fiber, conduit, and equipment connections to multiple TR rooms, IT rooms, telecom rooms, and data closets throughout the project, and the drawings and specifications require firestopping where penetrations occur through rated assemblies. Please confirm whether all TR rooms, IT rooms, telecom rooms, and data closets serving this project are enclosed by fire-rated and/or smoke-rated assemblies requiring listed firestopping systems for all new penetrations.

Answer: There is no overall answer for this. Some rooms have ratings and some don't. All known fire rated walls are shown on the drawings. Follow those ratings.

115. **Question:** Network design – In both locations a detailed network map is not provided to show the entire network design. That will need to be provided if this is part of the request for the design

Answer: The network will be star topology. As detailed on the floorplans, new fiber cabling will run from exiting OIT rooms to the MCR (at York) and the Police Dispatch (at Nashville). Fiber patch panels shall be provided at both ends along with patch cables. New switches shall be provided and patched to the new network fiber. At York, the new fiber network will patch onto the VA OIT campus network so that the cameras can be viewed at the Nashville Police Dispatch. At Nashville, the new fiber network will go to Police Dispatch and terminate on the new cabinet.

116. **Question:** Network equipment. It is not clear if all new network rooms will require new rack. That information will need to be clarified for how many and location if needed. The prints and the spec are not definitive in that.

Answer: All new equipment is designed to go into existing OIT racks in existing OIT rooms. The only exception to this is in the MCR at York and Police Dispatch at Nashville where new cabinets/racks are to be provided. See sheets T-402D (Nashville) and 5.T-101 (York).

117. **Question:** Network programming – there is no mention of who will be responsible for the actual network programming architecture. This is needed to make sure who and how the network will be setup to support the large quantity of cameras. Also, who will maintain the network after deployment, and will a service contract be needed to maintain the network?

Answer: The division 28 contractor will be responsible for all programming requirements. See Specification 28 23 00 Section 3.2 for more information. Service contracts will be determined by the VA. The only Warranty requirements are as described by FAR.

118. **Reference:** Cable Runs

Question: Will new CAT6A be required for the horizontal runs to be in conduit? Existing is not currently in conduit.

Answer: Yes, in conduit.

119. **Reference:** Cable

Question: What is the cable color required for video for identification?

Answer: UTP – White per sheet T-001. Fiber SM – Yellow and MM – Aqua per sheet T-001.

120. **Reference:** LAN Network

Question: Is there a LAN Network established for the existing cameras on campus?

Answer: Yes, however, one of the purposes of this project is to create a new, separate SSTV network. The contract documents require new fiber cabling, fiber patch panels, and all other necessary equipment for establishing this new LAN network.

121. **Reference:** LAN Network
Question: Can you provide a network map that indicates where that network is established?
Answer: This project does not require tying into existing network. Instead, this project creates a new network.

122. **Reference:** LAN Network
Question: Is all security equipment on a stand-alone LAN Network? If so can you list the components of that network and available expansion?
Answer: Currently, some security systems are on a vLAN. However, this project moves the cameras to a new, separate LAN with separate fiber and separate switches.

123. **Reference:** LAN Network
Question: Will any new switches need to be provided for this bid? If so can you list the exact model and manufacturer of switch needed?
Answer: Yes. See item #8

124. **Reference:** Video Server
Question: Would a new video server be needed to support the additional cameras for this job?
Answer: Yes.

125. **Reference:** Video Server
Question: If a new video server is needed, can you identify that server type by manufacturer? This is so that the platform will match the security requirements of the site.
Answer: Avigilon

126. **Reference:** Video Server
Question: Would any additional video licenses be needed for the new cameras?
Answer: Yes.

127. **Reference: Network Switches**
Question: Will any new network switches be required for any of the new security products?
Answer: Yes. Provide the number of switches needed in each OIT room to support all the cameras labeled on the floor plans to be supported by that OIT room.

128. **Reference: Network Switches**
Question: If they are required, can you supply the exact model number of the switches needed?
Answer: See item #8.

129. **Reference: Network Switches**
Question: If they are required can you supply the exact location of the new switch/ switches?
Answer: They are required (See item #8). They will be mounted in existing OIT racks in OIT closets shown on the drawings.

130. **Question:** Do we need to include new SSA's. How long do the Service contracts need to be good for?
Answer: No, until work is completed.

131. Keynote 5 on drawing T-601 states to run cat 6 from spare ports in existing switch to new telecom outlet.
Question: Where is the "existing switch" located that this keynote is referencing and shown in detail 2 of this same drawing?
Answer: For bidding purposes, bid connection to room B-106 shown south of security on sheet T-103.

132. There is no Fiber Route Plan shown. Each drawing Keynote 4 states "Route MMF from telecom room to racks in A-140 Dispatch".
Question: Does each TR Room MMF Fiber run back to A-140 Dispatch as an individual dedicated homerun or do they loop between each TR Room ultimately ending up back at the A-140 Dispatch?
Answer: The spare Multi-Mode Fiber does not run back to A-140. Disregard the note about spare fiber. All fiber must be provided new.

133. Keynote 4 on all of the floor drawings states "Route MMF from telecom room to racks in A-140 Dispatch. Availability of spare fiber to be coordinated with OIT
Question: This keynote appears to contradict itself. The first sentence tells us to provide MMF fiber and the second sentence tells us to coordinate the available spare fiber from OIT. Is contractor to provide new fiber or is contractor to coordinate available spare fiber to tie into from OIT?
Answer: Contractor shall provide all new MMF to establish a new LAN Network for SSTV. The new fiber does not have to be homerun to A-140. However, a break in-between the termination points cannot take down more than one head-end location serving cameras. In other words, a "Ring" network topology is acceptable. A "Bus" network topology is not acceptable.

134. Drawing T-101 IRM Room 139 note states "Fiber capacity to be determined".
Question: The specs are clear on what fiber to provide for MMF and SMF. What does this note mean?
Answer: Disregard note. Fiber capacity was in regards to how many spare MMF may be available during construction. There is currently no spare and this project shall provide all new fiber cabling for a new SSTV LAN.

135. **Question:** Drawings T-102 through T-106 only show camera symbols. None of the camera symbols notate any of the Keynotes. Please incorporate keynotes on camera symbol locations to show what is new and what is to be demoed.
Answer: Go by the tags: RV – Remove, RP – Replace, and N – New.

RV – Remove means to remove the camera and remove conduit and cabling back to the source. Patch/Repair surfaces affected by the removal. Provide box covers for boxes embedded in hard walls (e.g., CMU).

RP – Replace means to provide a new camera, cabling, and conduit in the location of the existing camera.

N – New means to provide a new camera, cabling, and conduit in the location shown on the contract documents.

136. **Question:** Drawing T-403C shows a camera symbol in the upper right corner and the upper left corner with no Keynote. This condition exists on multiple drawings. What happens at these locations? Please incorporate keynotes to these camera symbols throughout the drawings that currently do not have any Keynotes.
Answer: See question 136 response.

137. Note 3 on the "Proposed Phasing Scheme" schedule on drawing T-001 states to install "required power outlets". No power outlets are shown in any TR rooms on any drawings or in A-140 Dispatch for the headend or for the racks.
Question: Please provide power details of required power for these areas including panels they are to be fed from and whether or not it has to be fed from Emergency Power or Normal Power.

Answer: There is power shown on the drawings (e.g., T-402D). This phasing note is regarding the power that is shown on the drawings.

138. **Reference:** Drawing T-601Detail 1 Riser Diagram new UPS does not show any power.
Question: Who is responsible for providing power to the new UPS? If contractor is responsible, please provide branch circuit size and where to feed the power from and if it is Normal or Emergency power.
Answer: The contractor. Provide power as shown on T-402D for new rack shown on detail 1/T-601.

139. **Reference:** Drawing T-601 Detail 2 Riser Diagram does not show any power.
Question: Who is responsible for providing power to all of the equipment shown throughout this entire Riser Diagram? If contractor is responsible, please provide branch circuit size and where to feed the power from and if it is Normal or Emergency power.
Answer: Power receptacles for new monitors are existing.

140. **Reference:** Drawing TS101. Many of the cameras do not have a Keynote 1 or 4 notating them to be replaced. They only state to either provide a corner bracket or to mount to an existing structure.
Question: Are the cameras without a Keynote 1 or 4 on this drawing new?
Question: Do any of the cameras on this drawing receive new cabling?
Question: Which cameras on this drawing are existing to be demoed?
Answer: See question 136 response.

141. **Reference:** Drawing TS101 Keynote 5 states "Mount camera to existing structure route conduit along walkway of structure".
Question: What is this structure for all of the Keynote 5 camera locations on TS101?
Question: Do any of these Keynote 5 camera locations require a pole for additional height? If so please provide specs.
Question: Are any of the Keynote 5 locations on this drawing to be trenched? Or is all conduit to be exposed/ surface mounted?
Answer: 1) It's a metal covered walkway. 2) No additional camera poles. 3) No trenching. Mount conduit to metal walkway covering above.

142. **Reference:** Drawing TS101 MH Annex Building #1A
Question: Are all raceways existing to this building or are new raceways required?
Question: If raceways are existing where do they come up into the Hospital at?
Question: Are new cables required to be pulled to this building?
Answer: 1) All raceways are existing. 2) For bidding purposes, assume they run to the 1 acre building and into the crawl space next to Mechanical Equipment Room F-10 (See North-East corner of building on sheet T-102). Verify exact location in field. 3) Yes, new cables are required to be pulled to this building.

143. **Reference: Drawing TS101 Keynotes.**
Question: None of the Keynotes for any of the cameras on this drawing state to provide new cabling. Do any of the cameras on this drawing require new cabling?
Answer: See question 136 response.

See attached document: Atch 1 Video camera design changes.