



**Project:** VA Midsouth Healthcare Network  
Mitigate Security Risks

**Issued to:** Plan Holders

ADDENDUM No. 1

**Owner:** 614-379-103  
**Project No.:** A12.01

**Attention:** Plan Holders  
**Date of Issue:** 12/16/13

This Addendum supersedes and supplements all portions of the bidding documents with which it conflicts. Written addenda, including drawings or other graphic documents issued before execution of the contract modifies or interprets the bidding documents.

#### Questions:

1. Under Spec section 260541-4 3.2 Trenching, who is to provide Ground Penetrating Radar? (If you are providing this then you can omit this question.)  
**Contractor shall provide.**
2. Keyed note #1 on 1-ES102 Reads "Not Used." However, it is shown with an arrow pointing at a pole light in the area south of the administration building. Please advise. **The note should read "NEW LED POLE MOUNT CROSSOVER AREA LIGHT FIXTURE (MATCH EXISTING)". The existing parking area lighting is being upgraded under a separate project.**
3. Please provide a mounting height for the exterior wall mounted lighting fixtures shown on 1-ES102.
  - a. Is it permissible to run power to these fixtures from the electrical room on the floor that they are closest to? (ex. If they are closer in elevation to the Third floor electric room is it permissible to use the electrical room on that floor rather than going down two floors to the first floor elec. room?)  
**Provide power as noted on the drawings.**
4. In lieu of concrete encased underground conduits, is boring acceptable? **Yes, however sleeving may be required in heavy traffic areas requiring reinforcement. Conduit depth should be such that the surface is not disturbed after construction is complete. Contractor is responsible for surface damage after construction is completed.**
5. Is the black dot symbol surrounded by a dashed line in a circle on 1-ES102 that is adjacent to all electrical connections at gates, a ground rod with #2/0 copper grounding conductor run back to the electrical connection at the gate operator? If not please advise. **Yes. See legend on Sheet 1ES001.**
6. Are j-hook system acceptable? **Install conduit in accordance with Spec Section 28 0528.33.**
7. 280500 1.1.D – "The contractor shall provide an ESS, installed, programmed, configured and tested. The security system shall include but not limited to Physical Access Control, intrusion detection, duress alarms, elevator control interface, video assessment surveillance, video recording and storage, delayed egress, personal protection system, intercommunication systems, fire alarm interface, equipment cabinetry, dedicated photo badging system and associated live camera, report printer, photo badge printer and uninterruptible power supplies interface. o Per the drawings, there are multiple systems that are not shown on the drawings or noted



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to be modified. They include the intrusion detection, duress alarm, elevator control, and fire alarm.

- a. Are the systems shown on the drawings to be integrated with the listed systems? **Correct – they are not part of the drawings and not included in the contract.**
  - i. If so, what purpose and integrations are to take place? **The scope of the contract includes installation and interface the new security equipment (and relocation of existing equipment) into the existing head-end systems. If the client desires interface to the extra equipment listed on the specifications that is not part of the drawings, that will be done in the future. This interface would be accomplished through the existing system(s) head-ends.**
- b. Is a new photo badging/printer station required to be provided with in this project? **No, a new badge printer is not included in the drawings and is not part of the contract.**

8. Please provide clarification of the following:

- a. 280500 1.16.C.1 – *Enclosures, cabinets, housings, boxes and fittings or every product having hinges or removable covers and which contain circuits, or the integrated security system and its power supplies shall be provided with cover operated, corrosion resistant tamper switches.* **No question provided.**
- b. 280500 1.16.C.4 – *The single gang junction boxes for the portrait alarm and pull boxes with less than 102 square mm will not require tamper switches.* **No question provided.**
- c. 282300 2.1.D – *Tamper protection: tamper switches on enclosures, control units, pull boxes, junction boxes, cabinets and other system components shall initiate a tamper alarm signal when unit is opened or partially disabled. Control station, control unit alarm display shall identify tamper alarm and indicate locations* **No question provided.**
- d. The above references are contradictory of themselves. 280500 1.16.C.1 and 282300 2.1.D, indicate all boxes and enclosures are to have tamper switches on them. 280500 1.16.C.4 indicate single ganged junction boxes do not require tamper switches. Where are tamper switches required? **The text as written is indeed contradictory. The intent is to have any junction box of any size that contains alarm equipment (like circuit boards, etc.) or terminated wiring connections (like terminal strips, buses, EOL resistors, etc.) to be tamper alarmed. Small boxes that are used as wire pull locations only, that is in which the cable's exterior is not opened (no individual wire terminations) does not require tamper monitoring. So a box when a perpetrator can readily bypass, jumper, or short the signals and disrupt or interfere with the systems operations should be tamper alarmed.**
- e. To which systems are the tamper switches to report to? **The tamper alarms should report to the Intrusion Detection System.**

9. Plan 1-SE102 – Three cameras (PTZ 140, PTZ 135, PTZ 136) are to be relocated. o Where are they to be relocated to or from? ***The three camera locations shown on the drawing are where these existing PTZs are to be moved to. The existing camera numbers are shown on the drawing.***
10. Plan 1-SE102 – Gates N and P indicate what peripheral devices will be on the gate. All other gates do not include a detailed schedule of peripheral devices. What peripheral devices are, to be installed on the other gates (i.e. gate loops, card readers, intercom, etc.)? ***Other gates are existing and have the peripherals desired by the client already in place.***
11. Spec 28 05 00-6 1.4.C.2 Is BICSI certification required on this project? ***The contractor shall provide staff certified per the specifications.***
12. Spec 28 05 00-6 1.4.C.3 Is RCDD certification required on this project? ***The contractor shall provide staff certified per the specifications.***
13. Spec 28 05 00-26 K Is the Open Option system to continue to be stand-alone and managed locally or does it need to connect online for PIV certificate authentication? Is the system to add CAK authentication, PIV authentication, Certificate Validator and Cryptographic Module? ***Modifications for PIV and CAK authorizations are not part of the contract.***
14. Spec 28 05 00-34 1.9-K Is the existing Open Options software to updated to latest revision? ***There are no software updates associated with this contract.***
15. Spec 28 13 00-16 2.11-A Is the Open Options access system to attach to the CCTV system? ***Only to the extent it is currently interfaced – no new attachments are within the contract.***
16. Spec 28 13 00-16 2.11-B Is the intercom system to attach to the CCTV system? ***Only to the extent it is currently interfaced – no new attachments are within the contract.***
17. Specs 28 13 00-2 1.1-H-4 The specs say that the PACS shall support visitor management. Are we to provide the temporary badging feature of the Open Options software or does the software has to be able to add it at some later date? ***This function may be installed at a later date.***
18. Plan 1-AS102 indicated Gates E, F, S and T are to be located on the north east drive. Please provide details of gate layouts. Per the drawings it seems as though four gates will be on two drives. ***Yes gates E and F are for parking lot control and the gates S and T are for campus lockdown, no entry or exit. Sliding gates shall pass in front of the swing arm gates on the street side.***
19. Will the Bed Tower Window Installation Shop Drawings and Product Data be provided as referenced in the Blast and Physical Security Report? If yes, will and when will it be issued? ***To our knowledge the shop drawings for the***

***windows in the bed tower could not be found during the design/assessment phase, this is stated in section 3.1.3 of the blast report.***

20. Please provide a detailed elevation of the desired appearance of the perimeter fence. ***Basis of design is Ameristar, Impasse, Stronghold S3, Black.***
21. Fencing Detail F9 on Drawing 1-SS101 references matching existing decorative fencing and painted fence by others. Please correct or clarify the associated references on this detail. ***Basis of design is Ameristar, Impasse, Stronghold S3, Black.***
22. Fencing Detail F9 on Drawing 1-SS101 indicates a substantial post foundation with a steel reinforcement cage. Please correct or clarify this detail to expand on the foundation size and steel reinforcement for the specific locations this will be required. If the current detail is required for all posts (spaced at 6 feet on center) will an alternate reinforcement method such as fiber reinforced concrete be allowed in lieu of the steel reinforcement cages currently indicated? ***The 3'-0" dimension shown on the detail may be revised to 1'-9" for a total footing depth of 2'-3". The vertical reinforcing may be revised to 4#5 bars. No change to tie size or spacing.***
23. Please clarify what specific portions of this scope will require pre and post testing. ***Security equipment will require pre and post testing. Other equipment may as well.***
24. Can directional boring for the new Gate locations be utilized for this project? ***This is a means and methods issue. Note previous comment on this item. Contractor should make every effort to verify existing underground utilities and conditions via conducting underground survey. Note Spec Section 260541-4 3.2 for reference.***
25. Per the SOW we will be tying in to the existing CCTV Head End. Should the proposal consider that the existing Pelco DVRs have available ports for new and/or moved cameras? If no, and new DVRs are required in this proposal please provide the number of existing available ports that can be utilized for this SOW. ***There are only minimal spare ports available on the current Pelco DVR units. Contractor should plan on installing new Pelco DVRs, interfaced with existing DVRs, for all new cameras to be installed under this contract.***
26. Please provide the specific manufacture part numbers for the cameras that are to be moved and the date these were originally purchased? ***Not available to the design team.***
27. Per RFP All cameras on the VASS System shall be recorded in real time using the existing Hybrid Video Recorder (HVR). The system shall be expanded as required for both hardware and software to accommodate the additional cameras of this contract. Please provide specific available ports on existing system and the part numbers for any current software in place. ***There are only minimal spare ports available on the current HVR units. Contractor should plan on***

***installing new HVRs, interfaced with existing HVRs, for all new cameras to be installed under this contract.***

28. Per the SOW we will be tying in to the existing Access Control System. Please provide a complete list of current Access Control system panels with all system components; the manufacture part numbers for each component; and the existing location for each panel and associated components. ***Not available to the design team.***
29. Per the SOW we will be tying in to the existing Intercom System. Please provide the manufacture and part numbers of the existing Intercom System. ***Not available to the design team.***
30. Per the SOW we will be tying into the existing Intercom System. Should the proposal consider that the existing intercom system will have the ability and available ports for the new and/or moved intercom components? If no, please provide the number of existing available ports that can be utilized for this SOW. ***It is believed there are sufficient ports to expand the intercom system.***
31. Are the bollards shown on Detail E1 on Dwg. 1-AS103 removable bollards, like Detail F5 on Dwg. 1-SS101? ***Yes, removable bollards.***
32. Can you provide further detail on the mentioned ½" stiffener plate noted on Detail F5 on Dwg. 1-SS101 such as length, width, where installed and how attached, etc.? ***The ½" plate is 12" in diameter and is welded to the bottom of the bollard as indicated on the detail.***
33. There are no finish grades shown for Alternate No. 1 on Dwg. 1-AS102, Administration Drive Reconfiguration. We are aware that the existing west entrance off Jefferson Avenue does not meet the adequate slope requirements for ADA to receive a Sidewalk Permit from the City of Memphis which would allow the new construction. Please provide adequate grading information required for these new and existing entrances to determine construction costs and if any existing underground utilities will be affected and/or have to be relocated due to the necessary change in slopes/grading. ***A current survey was not completed, the successful contractor shall be responsible for any necessary surveys.***
34. On the Alternate No. 1 shown on Dwg. 1-AS101, the extent of demolition shows the southern boundary of demolition located in the middle of the Jefferson Avenue sidewalk. Are we to demolish and replace this entire length of the existing Jefferson Avenue sidewalk as a part of Alternate No.1, and if so, are we to also demolish and replace the existing curb and gutter along this same length? ***Demolish enough of the sidewalk, curb and gutter to allow for the relocation of the drives to the nearest control joint.***
35. On the Alternate No. 1 shown on Dwg. 1-AS102, there appears to be new construction work at the east end of the Alternate No. 1 (just to the right of the Note H entrance) that may include new asphalt driveway, curb and gutter, landscape islands, etc. This area is outside of the area noted as "Extent of Demolition" on Dwg. 1-AS101. Will you clarify specifically what new construction work is required in this area or exactly a physical line where new construction is

supposed to stop on the east end of Alternate No.1? **Extents of demolition noted are for bollards only as shown.**

36. Calls for temporary fencing around project, there is currently a fence along north and west lines will this need to be removed and temporary installed? **Yes, temporary fencing needs to be installed in order to remove the old and install the new fence per spec section 01 0000 1.6.I, construction fence.**
37. Temporary fence calls for top and bottom rail along with fence to be 7' tall will post be driven? **Provide per spec section 01 0000 1.6.I, construction fence.**
38. Removal, can existing fence be cut off or must post be pulled? Will old fence be removed from site by fence contractor? **Footing removal, post removal and demo material disposal is the contractors responsibility.**
39. Alt.#4 perforated metal for gates what size opening what gage? **Field verify size. Gage per spec section 05 5000 2.1.C.**
40. Employee parking sheet 1 as102 employee parking this lot is currently fenced but with the bold lines is there new fence? **No action is required for the employee parking lot South of Jefferson.**
41. Who will mark on site utilities for private lighting and other gas etc.? **Coordinate with the VA and Tennessee 811. 811 or 1-800-351-1111, [www.tennessee811.com](http://www.tennessee811.com).**
42. Operators there are no specifications on operator model, size motor, voltage, safety equipment, loops, keypads, federal codes, city codes, line of site codes or ul325 codes? **Per spec section 32 3153 2.2.E**
43. Barrier parking arms same questions. **Per spec section 32 3153 2.2.E**
44. Fence detail on sheet SS109 drawing F9 where can I see this fence? **Extents of the decorative fence is on sheet AS102 as identified in the legend.**
45. Who currently manufactures the fencing shown in drawing F9? **Basis of design is Ameristar, Impasse, Stronghold S3, Black.**
46. Fence shows 1" picket on 5 " centers OSHA code requires less than 4 15/16" this fence will not meet code? **The opening between pickets will be 4" which meets code (5" - (1/2" + 1/2") = 4" < 4 15/16").**
47. Why 10' tall? We have fence FBI Head Quarters Memphis and Forrest City both are 8' tall, FAA tower at Memphis International Airport only 8' tall? **The fence as detailed meets the requirements of an anti climb fence. See page 8 of spec section 00 3000.**
48. Can post be I beam rather than 4" that I assume is square? **Basis of design is Ameristar, Impasse, Stronghold S3, Black.**

49. Can panel length be 8' rather than 6'? **No, see page 8 of spec section 00 3000.**
50. I will forward specs on 8' and 10' fence that was used at FBI and MIA for consideration. **No action required.**
51. Is there a warranty required on the fence and coating? **15 year warranty.**
52. Please clarify that there are no windows physically being replaced under this project. Specifically the windows to receive blast protection film. The Report (that is not part of the contract) seems to indicate that some windows are to be replaced. Please clarify. **There are no windows being replaced. Upgrades consist of adding film per specification, drawings and blast report.**
53. Do the CCTV camera domes have to include lightning rods when affixed to the roof? **Camera enclosures should be solidly grounded to building steel with a measures resistance to ground per requirements of Divisions' 26 & 28 Specifications for electronic equipment. Additionally, Camera & circuits should be furnished with surge protectors. No, lightning rods are not called out on the design, and not required for CCTV equipment in question.**
54. Regarding exact placement of the CCTV cameras, the drawings indicate an aerial view, but not a vertical view. In order to ascertain where exactly each camera and pedestal is to be mounted, please clarify how high up and on which wall they are to be mounted. **Exact height of the CCTV cameras is to be coordinated with the client as notes on the drawings.**
55. Where circumstances deem practicable, will surface mounted raceway be acceptable within the building or must ¾" conduit be utilized throughout? **Exposed conduits (raceways) should not be used in areas available to the general public (corridors, rooms, offices, etc...Areas restricted to maintenance or operational personnel (mechanical rooms, IT closets, above dropped ceiling, etc) are ok for surface raceways (conduits),...¾" conduit is the minimum size conduit unless specifically defined for special installation on the drawings and/or in the specification.**
56. When running electrical power wire to the new access gates, can the Contractor trench the asphalt and through concrete OR is line boring of power wiring and conduit required to minimize impact to parking lot traffic? In line boring, we would go under the concrete and asphalt and not cause any traffic or parking issues. **The best answer for this is to coordinate with the paving contractor. An argument can be made for either method depending on the location. Demolition notes on civil sheets indicate existing pavements, sidewalks, curbs disturbed shall be restored to original condition. This is a means and methods issue. Note Spec Section 26 0541-4 3.2 for reference.**

57. Can Power over Ethernet (POE) CCTV cameras be utilized for this project?  
***Alternate equipment may be considered on a case by case basis, the final decision based on installation/long term cost as well as compatibility with existing equipment.***
58. On sheet 1-SS101, Detail F9 has a note that says the horizontal runners on the new fence should match the runners of the existing decorative fence. I recently repaired a few of the existing panels at the employee parking lot where the existing fence is located and was not able to locate a product that is still made that matches the existing aluminum fence. I could not find who made it when it was installed or anyone making it now. Having said that, with some effort I can come up with a similar product that is 10ft tall with the 4in steel post that will meet all specs. Before I pursue that option, I would like to see it clarified that is what is requested. ***Basis of design is Ameristar, Impasse, Stronghold S3, Black.***
59. I would like to clarify that the designer's definition of the term "palisade fence" is correctly represented in Detail F9. ***Basis of design is Ameristar, Impasse, Stronghold S3, Black.***

**Attachments:**

**ISSUED:** davidfreemanJONESarchitect



BY:

*David Jones*

*12/16/13*

CC: file