

Questions and Answers

1. Specs Page 5 Sec. 1.3 A.1 mentions Cost Plus Fee Contract. The Base Bid is fixed price, but does the VA plan to issue cost plus fee terms on the alternates?

Delete Specification “**SECTION 004323 ALTERNATES FORM**”.

2. Does the VA require Page 6 of the specs (Schedule of Alternates) to be completed and submitted with the bid? Or pages 9 & 10 of the solicitation?

Delete Specification “**SECTION 004323 ALTERNATES FORM**”. Use Statement of Bid Items found on page 9 & 10 of solicitation document for bid alternates.

3. Specs Page 11 D.1. mentions a security memorandum that must be submitted. Will the VA post a sample security memorandum?

No.

4. Will toilet facilities be accessible during construction?

Refer to the Specifications Section 010000 Para 1.17.

5. How many fiber cables does the VA expect to be pulled across 24th Ave to Area #1?

Refer to Cable/Conduit schedules on E110.

6. Does the new fence that will be installed under the high voltage transmission line need to be grounded? If so please provide details.

No grounding required.

7. What color fencing does the VA require? There are both white and black existing fence.

Refer to Detail 12 on C130. Color will be chosen by VA and will match existing VA fencing.

8. Is directional boring an allowed alternative instead of trenching?

Refer to detail 4 on E113.

9. During the walk down it was discussed to relocate the panel located in the shed outside of the north side of the parking garage. Please provide the size and type of panel to be relocated.

Refer to panel schedule on E113 and riser diagram on E114 for panel “EL3” information.

10. On Drawing E115 it is unclear if there is existing conduit for reuse from the Campus Police Room to the Garage Basement Electrical closet. Is there an existing conduit from the campus police office to the electrical room in the garage basement?

Refer to Cable/Conduit schedules on revised drawing E115.

11. On Drawing E113, Detail #4, it states a minimum of a 5ft wide trench for four (4) conduits under existing pavements. Please verify that, if trenching is performed, that the width needs to be 5ft side.

Refer to detail 4 on E113.

12. On Drawing C111, Detail 13 states to saw cut and remove existing asphalt and to “See Detail 14 on Drawing C130.” There is no Detail 14 on Drawing C130. Please provide Detail 14 on Drawing C130.

Omit all references to “See Detail 14 on Drawing C130” in contract documents.

ADDITIONAL CLARIFICATIONS

1. PIV Card Readers
 - a. Reuse the existing PIV Card Reader system for gates in Areas #3, 4, 5, 6, & 7 and add matching PIV Card Reader system for gates in Areas #1 & 2. For clarification, the PIV Card Reader system has been replaced under a different contract since the site visit for this solicitation. All control wiring, etc. will still be replaced per the original drawings.
 - b. Refer to the specification section 111500 Para 2.2-B.1. Replace equipment chart with the following equipment chart to account for the reuse of existing PIV Card Reader system:

Item		Quantity per Lane													Total Required
		Entry Lanes						Exit Lanes						Combined Entry/Exit	
		Lane 1A	Lane 3A	Lane 4A	Lane 5A	Lane 6A	Lane 7A	Lane 1B	Lane 3B	Lane 4B	Lane 5B	Lane 6B	Lane 7B	Lane 2	
A	Gate with automatic safety reverse and 12' arm (including remote control)	1	1	1	1	1	1	1	1	1	1	1	1	1	13
B	Digital self-tuning vehicle detector	1	1	1	1	1	1	1	1	1	1	1	1	2	14
C	Detector loop - saw cut*	2	2	2	2	2	2	2	2	2	2	2	2	3	27
D	Credential Reader	1	0	0	0	0	0	1	0	0	0	0	0	2	4
E	Entrance Push Button	0	0	0	1	1	0	0	0	0	0	0	0	0	2
F	Intercoms	1	1	1	1	1	1	1	1	1	1	1	1	2	14
G	PIV Credential Reader - Gate Arm Interface Controller	1	0	0	0	0	0	0	0	0	0	0	0	1	2

- c. New PIV Card Reader system shall match existing PIV Card Reader system. Existing PIV Card Reader system is as shown in attached document titled “Existing Card Readers (R40 Model)”.

2. Gate Arm Controller

- Reuse the existing PIV Card Reader – Gate Arm interface controller system for gates in Areas #3, 4, 5, 6, & 7 and add matching PIV Card Reader – Gate Arm interface controller system for gates in Areas #1 & 2. For clarification, the PIV Card Reader – Gate Arm interface controller system has been replaced under a different contract since the site visit for this solicitation. All control wiring, etc. will still be replaced per the original drawings.
- There shall be one PIV Card Reader – Gate Arm interface controller system for each set of gate arms. Each controller will support two PIV Card Reader system for gates.
- PIV Card Reader – Gate Arm interface controller system shall be mounted in the Access Control Gate box.
- New PIV Card Reader – Gate Arm interface controller system shall match existing PIV Card Reader – Gate Arm interface controller system. Existing PIV Card Reader – Gate Arm interface controller system is as shown in attached document titled “Existing Controllers”.

3. Credential Reader Software is C-Cure 9000 (by Software House) system.
4. Copper to Fiber Converter
 - a. The Copper to Fiber Converter indicated on sheet Addendum #1 – Typical System Architecture is an SFP Transceiver.
 - b. Each PIV Interface/Controller will convert from copper to fiber and run from the gate to the parking garage basement. In the basement, an SFP Transceiver will be installed to convert from fiber back to Ethernet before connecting to an Ethernet router.
 - c. On the server side of the router, install another SFP Transceiver to convert to fiber and run a line to the Police Room inside the Medical Center.
5. An Ethernet Router will be placed in the Garage Basement Electrical Room to accept and transmit all of the incoming fiber from the gates. Fiber will be run from the Garage Basement Electrical Room to the Police Room in the Medical Center per sheet E115.
6. Spec Section 11 15 00 para. 2.7, add line G: ‘The intercom interface shall be mounted in the Garage Basement Electrical Room.’
7. Refer to attachment titled “Addendum #1” for system architecture requirements.
8. The 155’ electrical trench shown on drawing C112 that leaves Area #5 gate towards the east, is intended to accommodate the new cabling and conduit originating in Area #1, West Parking Lot, per the cable and conduit schedule shown on Drawing E110.
9. There is an existing conduit from Area #5 gate to the Junction/Pull Box as shown on drawing E115. This existing conduit is intended to be re-used for new cabling to support Area #5 gate. This existing conduit may or may not be in the new trench discussed in paragraph #1 above depending on the routing of the new trench. Coordinate appropriately.
10. Refer to attachment titled “NES Pole Attachment Permit” for pole attachment requirements.