

13563 Video Wall for Traffic Operations

Questions and Responses – Set 3

Regarding the Procurement Timetable, the following date changes have been made:

- The “Demonstrations & Presentations” dates have been revised from 5/19/15-5/21/15 to 6/9/15-6/11/15.
- The “Announce Successful Bidder” date has been changed from 5/22/15 to 6/12/15.
- The “Completion of Contract” and the “Contract Begin” dates have been revised from 6/8/15 to 6/29/15.
- The “Contract Length” start date is revised from 6/8/15 to 6/29/15 and the end date has been changed from 6/7/15 to 6/28/16.

1. The RFP states that the processor shall display a minimum of 72 Simultaneous IP videos. The answers to questions (14 & 15) from the pre-bid meeting indicated that there are a mixture of high definition and standard definition cameras.

Question: Is there a certain quantity of each type of camera (high definition vs. standard definition) that must be displayed simultaneously?

How many IP cameras will be available sources for the system?

- A:** The DOT currently has over 300 IP cameras statewide. The number of cameras will increase over time. All new and replacement cameras will be HD. The Vendor’s proposed solution should provide for all 72 simultaneous IP videos to be high definition videos.

2. Section 3.8.1 – Testing.

Question Please clarify, do you require a testing plan to be submitted with the bid proposal, or is this a required submittal for the successful bidder?

- A:** The testing plan is a required submittal for the successful bidder.

3. A. Bid Proposal, 4. Pricing and Discount: ... “Discounts for early payment are allowed, but not considered in award of the contract.”

Question: is it reasonable to assume that there will be no “discounts for early payment” clause in the contract?

- A:** correct

4. Award, 4. Payment Terms: ... “(30) days of receipt, providing goods and/or services have been successfully delivered, installed or inspected (if required), and accepted.”

Question: For projects of this size and schedule that spans multiple months, it is customary to allow for progress payments, so that bidders can pay suppliers in a timely manner. Is the Iowa DOT open to negotiating a payment milestones schedule that would reflect the likely project progression?

- A:** All payments will be as described in RFP Section 3.14, Payment Terms.

5. 3.10.2 Hardware Maintenance – 3.10.2.1 Servers and Switches “respond to notifications of problems pertaining to the video wall system servers and/or switches within two (2) business hours. Repair or

replacement of malfunctioning servers or switches, with equivalent or above models, shall be accomplished within 24 hours.” 3.10.2.2 LCD Monitors “respond to notifications of problems pertaining to the video wall LCD monitors within two (2) business hours. Repair or replacement of malfunctioning monitors shall be accomplished within 3 business days.”

Question: Since some replacement parts may not be available from the supplier within the time allocated, would the department be open to adding a conditional phrase such as “pending availability of parts necessary to conduct the repair”?

A: No. The video wall system is a critical tool for the DOT’s Traffic Operation Center. The maintenance requirements reflect the importance of that system to the TOC. It is expected the Vendor will maintain parts inventory necessary to meet these requirements.

6. 6.11 Contractor’s Insurance Requirements – “the Contractor(s) must have on file with the Contracting Authority a current “Certificate of Insurance” prior to award of contract.” “the minimum coverage by such insurance shall be as follows: ... Contingent Liability; Explosion, Collapse and Underground Drainage; ... “Pollution Liability \$750,000”.

Question: Based on the nature and scope of work to be performed, does the vendor need to have insurance coverage for “Explosion, Collapse and Underground Drainage” and “Pollution Liability”.

A: These 2 provisions may be negotiated with the successful bidder.

7. 3.4.1.6 –

Question: Is the intent for Mobile devices and Remote Desktop Users to be able to control the video wall from outside the room? Are these remote devices owner furnished? What type of authentication will be used by IDOT to determine remote users are authorized?

A: No. The reference to mobile devices in this section allows for flexibility in how control can be accomplished from the TOC operator workstations. Section 3.8.3 provides further details.

If use of mobile devices for control of the video wall is proposed, the Vendor shall also propose authentication measures for the DOT’s review and disposition.

8. 3.4.1.8 - The requirement of cooling/ventilation system:

Question: Is the existing HV/AC system capable of handling an additional load of 15,000 BTU/hr? This would allow for a ventilation only system in the video wall structure.

A: The Vendor may be required to vent to the exterior of the building. The additional HVAC load of the video wall system shall be included in the Vendor’s design documents.

9. 3.4.3 - There is a note here that says no modifications may be made to doorways, walls, ducts, floors, and ceilings.

Question: It is anticipated that modifications to raised floor tiles will be required to provide cable access. Securing the base structure to the concrete floor will be required as well as potential attachment to either the plywood wall or to the ceiling for secondary shearing support.

A: While there is not a direct question here, the DOT concurs with the last sentence above.

10. 3.4.5/3.6 -

Question: Is IDOT providing up to 72 network ports from their network for the IP VIDEO camera's? If so, how far away is this switch location.

If IDOT is only providing for a single high bandwidth drop and the integrator is responsible for the switch infrastructure, what type/model/speed connection will be provided by IDOT?

A: The DOT is providing for a single, high-bandwidth Ethernet connection. The connection will be to an existing DOT ITS network switch (in the data center). That connection can be either a 1,000 Base T (copper), a 1,000 Base-LX (single mode fiber), or a 1,000 Base-SX (multi-mode fiber). The Vendor is responsible to provide the switch on the video wall end.

11. 3.5.6 –

Question: Do the identified 8 TOC workstations have multiple displays? If so, is it the intention for each display to be viewable on the video wall?

A: The TOC operator workstation display consists of four (4) monitors. The intention is for the TOC operator to “push” an item/window on their display to the video wall.

12.

Question: Is there currently a machine in the server room that will act as the ATMS map and Incident manager? Does that machine have multiplay display channels? Do the TOC workstation personnel need keyboard and mouse control of that machine from their workstations?

A: The TransSuite ATMS software server is located in the adjacent data center. Refer to the response to Question 10 regarding communications connectivity.

In response to the second question, please refer to Sections 3.4.1.6 and 3.8.3 of the RFP.

13. 3.7.1

Question: How many Analog video signals will be required and what format?

A: That is not known at this time.

14. 3.7.4 Lag for displaying network cameras is heavily dependant on the network and camera which are not under the control of the integrator. In addition, if a large number of network streams are

being changed at one time while being displayed on the network it will definitely be noticeable and more than a few seconds to complete the entire wall.

Question:

A: There is not a direct question here. In response to the statement, the Vendor proposed solution should be designed to minimize lag consistent with the requirements of this section.