

Johnson City ITS Project

Pre-Bid Questions 12/6/12

State Pin #041039.00

1. Would the City like to see the same content from the TMC on the monitors in the Street Department Building?

Answer: The Street Division needs the CCTV video and control and the ability to view data from the weather stations, stream gauges, and pavement sensors. The priority will be with the Traffic Division. However, both need control of their own displays and during incidents need to be able to view different cameras with independent control.

2. Sec 1.1.7 – “3) All bolts, nuts, and fastening hardware less than five-eighths inch (5/8”) diameter shall be stainless steel. All bolts, nuts and fastening hardware five-eighths inch (5/8”) in diameter and greater shall be hot-dipped galvanized.” Does this section intend to include any standard fastening hardware used for the installation of any or all of the audiovisual system components that will be installed within the TMC?

Answer: This paragraph is intended for outside plant installation.

3. Sec 15.2.5 – *references a DVD player with TV tuner.* Such products are not common. Can the City recommend an alternate for this requirement, i.e. (qty) DVD Players, (qty) TV Tuners and what type of tuner regular NTSC cable tuner, ATSC over-the-air digital tuner, etc.?

Answer: If the contractor cannot find a source for the item, the contractor should submit alternative(s) to the equipment with the information given in Section 15.2.5 “These Items Allow training, Staff/Public briefings and monitoring of CATV feeds.” The capability described must be accomplished by the equipment submitted and installed.

4. Sec 15.2.1.G.2 – Will the 4 computer inputs to the display wall controller be within the TMC control room? What is the estimated distance between them and the desired location for the AV Rack?

Answer: See section 13.2.2.2 (B.) PC and Server hardware.
For bidding purposes the average distance from the wall to the computers will be 45’ One workstation is in the Traffic Engineer’s office another one is located at the Street Division room as shown on the plans.

5. Plans show a Video Encoder installed in the cabinet, should the camera’s be IP camera’s or do we need to furnish an external encoder.

Answer: See Addendum # 2 – Item # 7 for the updated specification that answers the question.

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6. Is there a phasing plan for the system cutover from the older system to the new network?

Answer: Section 1.3.3 phasing - states that the contractor shall work with the City to develop and submit a phasing plan to minimize down time. It is the contractor's responsibility for the phasing plan.

7. Is there a pay item for the network configuration or is the network configuration (IP Addr, VLAN Config) going to be provided for us to implement?

*Answer: See section 13.2.2.2 F.) 3.) for VLAN hardware.
See Sections 13.3.1 9.) and 14.2.3 for IP addresses and VLAN assignments.*

8. Section 17 includes the renovation of the TMC building, however the payment section only shows 725.xx.xx?

*Answer: See Addendum 1: Item Number 5 -
TSP 725 – Section 17.5 Item Number “725.xx.xx TMC” should read Item Number “920-10.03 TMC Finishes”.*

9. Will we need to provide or reconfigure any Master Controllers for the traffic signal network or add any communication modules into the local signal controllers?

Answer: See section 14 Traffic Management Center (TMC) Software- Integration of the new Traffic software may require reconfiguration of traffic signal controllers for system operation. Any reconfiguration cost for controllers shall fall under the TMC software. Per Section 14 .1 - ...the new central system must be integrated with the existing equipment with no additional field equipment being installed.

10. Sec 15.2.1.G – GENERAL NOTE: It will be impossible to know whether what we provide for a display wall controller will be compatible with the cameras provided under another area of this RFP. ARE WE WORKING WITH ANOTHER CONTRACTOR ON THIS YES or is that the purpose of your meetings listed below?

Answer: The contractor will be responsible for the CCTV and video wall equipment and software. The vendor software is included in the price of the cameras and must control the wall. The contractor is responsible for the CCTV and video wall controller integration.

The ITS contractor will not be working along side any other contractor on this project as it relates to the items in these plans and specifications. The ITS contractor will not have to rely on other contractors' work to provide a complete functional system as shown in the plans.

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11. Sec 15.2.5.C(3?).K – DVR Requirement stating the ability to record minimum of 4 channels of H.264 IP video streams at once. This item cannot be chosen until we know what cameras will be installed and/or need to be accessed by this device.

Answer: The contractor is responsible for the CCTV and that the CCTV meets the specifications as laid out in the TSP 725 Section 8 - CCTV Camera System.

12. What is the number of cameras and are they IP cameras?

Answer: As stated in the plan's Quantities list and specifications these CCTV will be IP cameras. - 17 Tube Cameras and 26 Dome cameras unless they choose to submit a non-IP camera and encoder. The vendor software is included in the price of the cameras and must be able to control the wall displays. See the option as described above in question 5.

13. How do we go about Acknowledging Addendums

Answer: Addendums are to be initialed and returned with your bid packet to acknowledge you have received and considered them.

14. The specifications call for “nine stations with 3 sites having 2 sensors each equaling a total of 12 sensors”.

Plan sheets call for “eleven stations with 1 site having 2 sensors equaling a total of 12 sensors” The total number of individual site locations is the difference.

What number of sites should I go with?

Answer: The plans - go with the 11 sites with one site controlling two sensors

Also note that Item numbers:

725-10.51 Cabinet (Type C) pad mounted – The quantity Should read 6, not 5

725-10.12 Cabinet (Type B) pole mounted – The Quantity should read 10, not 8

15. What does the overhead utility relocation consist of? It's a lump sum item but without knowing the number of poles involved, it would be difficult to put a dollar amount on it. A lump sum amount for 1 pole would be different from a lump sum for 50 poles.

Answer: See answer to question # 4 from the Mandatory Bid Meeting. “This is for the removal / relocation of overhead cable as required throughout the project. The relocation part of this may include moving existing utility cable to meet code. The aerial fiber [725-10.28] covers installation of the fiber in this project.” In most areas the removal of overhead copper cable from the existing span and the reuse of existing messenger wire is all that is required; the bidder will, however, be responsible for identifying and resolving conflicts with other utilities to meet code.

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16. Do we return the entire binded proposal contract?

Answer: Yes, the bid book must be returned in its entirety. Do not disassemble or modify the bid book. Fill in required forms in the bid book and the Addendums and initial and return addendums with your bid packet to acknowledge you have received and considered them, but do not assemble them in the bid book.

17. Under Additional Instructions to Bidder, it is stated that the **Drug Free Workplace Affidavit** needs to be completed and returned. The mentioned form is not in the Proposal Contract. Where is this form located?

Answer: See Addendum 2.

18. In one section of the Proposal Contract it mentions that the General Contract form and Insurance Checklist must be completed and returned with the Certificate of Insurance prior to contract award. Yet under Additional Instructions to Bidder, it mentions that the General Contract form and Insurance Checklist must be submitted with the bid. Which statement is correct?

Answer: Both statements are correct. The insurance checklist must be returned with the bid and thus will be returned before contract award. The Certificate of Insurance is not required with the bid, but it is required before the contract is awarded to the successful bidder.

19. Is there a form for bidders to document the 2% DBE goal? If so, where is this form located?

Answer: See addendum 2.

20. SP1247 Sheet 4 of 8 states that the bidder is required to complete computer generated **Form 1247A** within 3 business days of letting. Where is this form located?

Answer: See Addendum 2.