

Melinda L. McGrath
Deputy Executive Director/
Chief Engineer

Brenda Znachko
Deputy Executive Director/
Administration



Larry L. "Butch" Brown
Executive Director

Steven K. Edwards
Director
Office of Intermodal Planning

Willie Huff
Director
Office of Enforcement

Contract Administration Division / P.O. Box 1850 / Jackson, Mississippi 39215-1850 / Telephone (601) 359-7700 / FAX (601) 359-7732 / GoMDOT.com

To: ALL POTENTIAL BIDDERS

Date: 9/23/2010

RE: Call No. 1, NH-0006-01(084) / 105510301 & 302 – Desoto and Marshall Counties

Bidders are hereby advised of the attached questions and answers that provide clarification to the Traffic System Specifications on the above referenced project.

Your formal acknowledgment of receipt of this notification will be entered into our records and indicates that you have bid accordingly.

Please have an authorized representative of your company sign this page and return by FAX to 601-359-7732.

Melinda L. McGrath, P.E.
Chief Engineer / Deputy Executive Director

Contractor

Authorized Signature

Question 1: Call 1 has identified two Network Switches in two different locations and stated the following with regards to updating the switches: Page 62 The Contractor shall be responsible to determine the needs of the existing Cisco Catalyst 6504 located in the Northwest Regional TMC equipment room to provide network interfaces to the decoders and video wall streaming servers provided by the Contractor. The Contractor shall provide all materials including but not limited to: cards, GBICs, cables, necessary to connect the Switch via multimode fiber to the Contractor provided ET100DAE card in the OTN node located in the Northwest Regional TMC. The Contractor shall provide, install, configure, and integrate any network cards and or modules into the existing Cisco Switch and OTN Node that are needed to meet those needs. If the existing Cisco Switch does not have the free capacity to meet the determined needs, the contractor will be required to provide and configure an additional Type C switch and connect via fiber patch cables to the existing switch. The Contractor shall be responsible to provide and configure any needed interface cards, cards to support the additional GBICs, or SPFs in the new and/or existing Network Switch. Page 65: The Contractor shall be responsible to determine the needs of the existing Cisco Catalyst 4006 located in the Statewide TMC equipment room to provide network interfaces to the decoders provided by the Contractor. The Switch shall connect via multimode fiber to the Contractor provided ET100DAE card in the OTN node located in the Statewide Regional TMC. The Contractor shall provide, install, configure, and integrate any network cards and or modules into the existing Cisco that are needed to meet those needs. If the existing Cisco Switch does not have the free capacity to meet the determined needs, the contractor will be required to provide an additional Type C switch.

Can the Department please provide a complete configuration of each of these two switches? In addition, can the Department please provide a contact at each location that would be appropriate to further discuss the configuration of the switches and perhaps arrange a visit to each?

Answer 1: The existing Switch in Jackson and Southaven has the available ports for the needed GBIC. No additional cards will not be required.

Contractors need to provide 1 GBICs at Southaven in the existing switch to connect to the 100DAE card they have to put in the OTN Node. In that same switch, they need network (RJ-45) ports for contractor provided Eight (8) hardware video decoders and Eight (8) hardware video encoders plus 2 SVS8s (Video wall streaming servers), for a total of 18 ports.

1 GBIC will also be required in the OTN node.

Question 2: P.60 H.264 IP based PTZ camera Special Provision No. 907-660-A, but p. 332 indicates same camera to be MPEG-4. Which should be provided?

Answer 2: H.264 is required.

Question 3: P.62 & 65 NTB No. 2959 Equipment bullet point #2 – what exactly and what quantities does the contractor need to supply Jupiter Fusion 980 processor, Jupiter SVS-8 decoder, Cameleon streaming servers, other, etc.

Answer 3: The Svs8 need to be to the quantity to cover all new video added. If 4 cctv added I svs8, if 12 cctv added, then 2 svs8s, etc.

Question 4: P. 269 SP No. 907-650-4 #8 indicates that all enclosures be pressurized – this includes the fixed cameras. Is MDOT aware of changes since the Hattiesburg projects with respect to fixed IP cameras and IP 67 (pressurized) housings?

Answer 4: Fixed cameras are not required to be pressurized.

Question 5: P.270 Internet Protocol IP Camera Unit #6 – does a H.246 triple, independent stream camera exist? Most of what I found is triple stream – (1) H.264, (1-2) MPEG-4, and (0-1) MJPEG. Some are dual stream H.264.

Answer 5: We will require a camera capable of 3 simultaneous video streams, at least one of these three must be H.264.

Question 6: 277 SP No. 907-650-4 Training #2 What does existing in the system mean? Does it mean previously provided and deployed on a project anywhere in Mississippi, or does it mean deployed in the specific region of this project (e.g. Southaven, Desoto Co., or Marshall Co.)?

Answer 6: We define “existing in the system” to mean existing in the statewide system. So if we have the device anywhere in our existing statewide network then it is considered existing.

Question 7: P. 342 SP 907-662-4 Chassis Based VE & VD Are alternate chassis systems acceptable. Is MDOT sole sourcing the encoders and decoders?

Answer 7: We will consider other chassis systems as long as the same number of video ports can be accommodated in the submitted chassis.

Question 8: What will contractor be responsible for in installing AT&T communication?

Answer 8: MDOT will assist the contractor in coordination of the required T1 connection with AT&T. MDOT will be billed directly for any monthly charges once the connection is turned up. Any construction costs, permits or field work required on the job site will be the responsibility of the contractor.