

## SCOPE OF SERVICES

### INTELLIGENT TRANSPORTATION SERVICES – QUESTIONS & ANSWERS No. 2

West Michigan Traffic Management Center  
JN 104207A

**Question 1:** In the RFP there was a lot of work put in for the equipment specifications. I was curious if there was a preferred manufacture list available? What would be the web address where I would be able to find your response?

**Answer 1:** **MDOT does not have a qualified products list for this type of equipment. That is why the specifications are detailed. Q&A's for this project will be posted with the original RFP at: [http://www.mi.gov/mdot/0,1607,7-151-9625\\_32842---,00.html](http://www.mi.gov/mdot/0,1607,7-151-9625_32842---,00.html)**

**Question 2:** Will there be a walk-through pre-bid meeting for this project?

**Answer 2:** **No. A site visit may be scheduled by contacting the Project Manager: Suzette Peplinski at [peplinskis@michigan.gov](mailto:peplinskis@michigan.gov) or 616-451-8448. Questions generated at the site visit must be submitted in writing. Questions will not be answered verbally.**

**Question 3:** There are 48 MPEG-4 CCTV Camera Streams on 6 CAT 5e cables. Could you please tell me the encoders for these streams, and the software information about managing these streams?

**Answer 3:** **The video encoders are Cohu iLinx 9900/9100 Series, Optelecom NKF C40 series, Cortec VCX-4000, and Impath i-Volution 3101. Pan-tilt-zoom is controlled by Cohu software called NetCAMS-C (version 3.37 or higher) and Cohu GUI (7.0 or higher) that reside on existing workstations and servers. Ultimately, the streams will be managed by a video server and traffic management software provided by Delcan, NETworks (customized), but for the purpose of this contract, the streams shall be managed by the video wall processor and software that the contractor provides. Note that the special provisions require the video wall processor to include a full-featured API to allow an interface to the future Delcan software. This API must support selection and control of video streams that are decoded by the video wall processor. If these decoders are not integrated into the video wall processor, then the API functionality must be included in the decoders.**

Question 4: Could you please provide us the servers and workstations brand and model?  
Please include the major application software info.

**Answer 4: The workstations will be a Dell 3500 or HP Z400 (or similar) running Windows XP Professional (version 5 or higher), and Internet Explorer 7 or higher. Some of the major related software will be the NetCAMS-C and Cohu GUI software referenced in A2 above and the Delcan NETWORKS traffic management software.**

**Please note that there is a bullet on the first page of the Scope of Services, under Project Description that should be DELETED: Modification to existing workstation computers including adding RAM and replacing the video card. This is not referenced elsewhere in the specifications and should have been removed.**

Question 5: Please clarify the “LCD Monitors.” LCD Monitors are typically made in a 52” and not a 50”.

**Answer 5: We have verified there are LCD monitors available in 50”. However, a 52” monitor could be proposed as an alternative.**

Question 6: What is the pedestal height for Video Wall Display?

**Answer 6: The bottom of the wall opening for the video wall display is 51¾” from the finished floor.**

Question 7: Is this project being funded by ARRA funds?

**Answer 7: There are no ARRA funds in this project.**

Question 8: The specs for the video wall display cubes require inputs for one analog component (RGBHV), one analog VGA (15 pin sub D), one DVI-D and one standard NTSC composite signals. The drawing schematic only shows one DVI signal cable input for each video wall cube. The cubes can contain input cards for DVI, analog and NTSC composite if this is for future functionality, but there is an additional cost. Do you need these additional inputs?

**Answer 8: Yes.**

Question 9: Are all of the cat5, DVI and Fiber optic cabling being provided and ran by MDOT or others? If not, what sections would we be responsible for?

**Answer 9: All major cabling will be performed by MDOT as shown the plans. All other cables, in addition to the cables installed by MDOT, would be the responsibility of the contractor to ensure and meet the system functional requirements as mentioned in the specifications.**

Question 10: In regards to the mounting of the LCD panels, is flat or tilt mounting required? For the LCD's that are to be moved, are mounts required for those as well or do they already have the appropriate wall mounts? If we are to provide mounts, are the units VESA standard? If not, could you please provide the make and model number of the units? In regards to the articulating arm mount for the two LCD panels, is the standard desk clamp mounting sufficient?

**Answer 10: To ensure a flush mounting of the new LCD panels as specified, flat mounting is required. The mounting hardware is to be provided by the contractor as per the specifications.**

**For the LCD monitors to be relocated, mounting hardware shall be furnished new as per the specifications. We do not know if the LCD panels are VESA standard, but the 42" LCD and the 20" LCD units are currently mounted on brackets for modular walls. The 50" plasma is currently not mounted.**

**Existing 42" LCD: Sony FWD-32LX2F**

**Existing 20" LCD: Planar PX212M-BK**

**Existing 50" plasma: Dell 5001C**

**Any articulating monitor support arm that meets the specifications is acceptable. Note that a single arm must be able to support two side-by-side 19" LCD monitors, and the cables from both monitors must run through the arm. The contractor should not assume the workstation furniture will have a lip that is suitable for clamping, and therefore screw-mounting should be used. The Contractor shall coordinate the final mounting hardware and mounting location on the workstation furniture with MDOT before installing the arm.**

Question 11: Most current DVD recorders do not have an RF output. It calls it out in the spec in the RFP but I believe this may be for a discontinued product. Is this required?

**Answer 11: No.**

Question 12: In regards to the DVI to RGB converter, is it acceptable for a unit that does up to 1600x1200 or 1080p? We have not found a unit that matches the requirements called out in the RFP exactly.

**Answer 12: This is acceptable.**

Question 13: In regards to the DVI DA, we can offer two different versions. One has EDID Minder which switches better because it locks the signal but it is not HDCP compliant. With the other unit EDID may not pass through as well when you are switching but it is HDCP compliant. Can you let us know which you prefer?

**Answer 13: The DA with EDID Minder is preferred.**