

# Ohio Department of Transportation

## Prebid Questions

Project No. 070261

Sale Date - 6/1/2007

Question Submitted: 5/11/2007

Question Number: 1

Addendum No. 1 issued on 5/11/07 changed the Optical Detection system to be a proprietary call-out for the Iteris-Edge system. It changed the Radio Interconnect system to be a call-out for Microwave Detection Systems, I-NET-2 900MHz spread spectrum radio and changed the controller item to be call-out for Eagle traffic Control Systems ... EPAC M-50. Based on information available to us, the city does not meet the requirements for a proprietary call-out for any of the items mentioned above. Based on answers provided to previous pre-bid questions, these 2 intersections are not part of a system. Therefore the bid should be opened up to follow the guidelines for competitive bidding.

**The recently sold project, MOT-Traffic Signals Centerville PID 77849, is replacing or upgrading and interconnecting 25 intersections on SR 48 (Far Hills Ave) from Sheehan Road to Whipp Road and on adjacent east-west routes. This includes the intersection of Alex-Bell Road and Far Hills Avenue. The Optical Detection system, Radio Interconnect system, and traffic signal controller equipment for MOT-675 was changed from generic to proprietary to be compatible with the equipment being installed by the MOT-Traffic Signals Centerville project.**

Question Submitted: 5/14/2007

Question Number: 2

The proposed Optical Detection equipment and Radio Interconnect system must be bid following the established guidelines for a proprietary call-out of equipment. The city does not meet the 50% rule for number of signalized intersections throughout the city using the proposed equipment. Therefore the answer provided to a previous pre-bid question concerning the proprietary nature of this bid is incorrect. If a specific brand of equipment is desired, then the base bid item must be generic and an alternate bid item be used for the specific brand.

**The Optical Detection equipment and Radio Interconnect system manufacturer and model were specified for compatibility with the equipment being installed by the MOT-Traffic Signals Centerville, PID 77849.**

Question Submitted: 5/15/2007

Question Number: 3

Addendum #1 - Remote access to video detection cameras with full motion video requires local area network ( ethernet over fiber ) or broadband private Internet access. Alternately a dedicated fiber optic link with video bidirectional data transceivers located at the remote intersection and a central master location would be required. The proposed radio interconnect requires that the two intersections on the project communicate with one another. In order to establish radio communications a master has to be established ( closed loop field onstreet master or a central office master system ) Please clarify. Note: "Microwave Detection Systems should read Microwave Data Systems"

Question Submitted: 5/15/2007

Question Number: 4

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Question Submitted: 5/15/2007

Question Number: 5

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Question Submitted: 5/8/2007

Question Number: 6

Item #71, Signalization, Misc.: Optical Detection, As Per Plan: The plan note for this item on page 17 of 20 requires "Remote access to the various cameras shall be possible with full motion video and be able to perform system diagnostics remotely. This feature...to be connected to a single strand of single mode fiber optic interconnect cable." The project does not include any fiber optic cable and does not show where or how the cable is to be installed. Please clarify how much cable is to be provided and include any required ancillary items. Item #75, Controller Item, Misc.: Radio Interconnect, as per plan: The plan note for this item on page 17 of 20 requires "establishing communications between adjacent intersections." and that "Ethernet protocol shall be utilized for communications." Are the only intersections we are to connect to the two (2) intersections as shown in the plans? Or are there additional "adjacent" intersections to be included in this system? A master controller would be required to make this system operational. Are we to provide a master controller? Where is the master controller located?

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.