

Ohio Department of Transportation

Prebid Questions

Project No. 098024

Sale Date - 6/12/2009

Question Submitted: 5/21/2009

Question Number: 1

Where can the specifications for the PRESSURIZED CCTV REF # 0011 be found? I was unable to locate them in the plan set.

The specifications for this item can be found in the special provisions section.

Question Submitted: 5/29/2009

Question Number: 2

Is the SmarTek Systems Inc SAS-1 sensor considered an "approved equal" to the EIS RTMS Model G-4 and Wavetronix Model Smartsensor Model 105 as referenced in the Special Provisions?

We do not consider the SmarTek Systems SAS-1 sensor to be an approved equal. The specification in the ARTIMIS project is for a side-fire radar detection unit. The SmarTek sensor is acoustic. While the premise for providing data output is similar to the side-fire radar units, the technology used to collect the data is unproven in Ohio. Because the sensors planned for ARTIMIS are to replace many failed units, we do not see it worth the risk to accept devices using a technology with which we have no experience.

Question Submitted: 5/29/2009

Question Number: 3

Under Compliance and Warranty, a requirement exists for parts and labor. It is not clear what is meant by labor. Is the intent to specifically include the labor for the DMS Vendor to respond on-site to any anomaly in the sign operation or will this be done by others (DOT or maintenance contractor for example)? Or, does it mean only the labor for the DMS Vendor to repair DMS components once they are returned to the DMS vendor or their representative? Is there any need to include costs for traffic control if on-site repair work is necessary? Can you clarify if a maintenance program will be used to maintain the DMS after the retrofit is performed? If so, what will it include?

Question Submitted: 6/11/2009

Question Number: 4

Removal Misc.: Side Fire Radar System (pg. 8/15). This item requires the removal of the cabinet and all wiring. Does the fiber trunk cable enter these cabinets? If so, what provisions should be made to ensure the continuity of the fiber cable? 1.10 Camera Construction Provisions. The addendum requires the contractor to provide RF suppression devices when Radio Frequency Interference (RFI) causes the video signal to degrade. These dampening devices can range from incidental cost to several thousand dollars. Do the existing cameras need suppression? What type of suppression is being used? How many locations are affected?

Question Submitted: 6/11/2009

Question Number: 5

The plans contain an interim completion date for DMS # 43 of 2 months after the award date. However, the material would not be available for 60-90 days after approved submittals. Will this interim completion date be extended to accommodate material delivery?

Question Submitted: 6/5/2009

Question Number: 6

Please provide the following information about the displays being retrofitted (list is same for both types of displays):* Model Number* Sign Type (LED, Flipdisk, Fiber, ect.)* Years of original installation * Any visible evidence of water intrusion?* Electrical load of the display* Is a UPS required, for the DMS or controller?* Is the ground equipment cabinet to be retrofitted?* List of all equipment used in the Traffic Cabinet* Is it necessary to provide new fiber optic cable between the cabinet and the display?* Power supply make and model

information about the displays being retrofitted (list is same for both types of displays):* Model Number FOR THE 18 CHARACTER SIGNS - 12" FOS SERIAL-RTMS S035 MODEL 3x18 12" CHAR MATRIX ASSY 324056-001 VOLT 120v-FREQ 60 HZ RATING 80a X 2* Sign Type (LED, Flipdisk, Fiber, ect.) FIBER SIGNS WITH ELECTROMAGNETICS SHUTTERS* Years of original installation 1996-1997* Any visible evidence of water intrusion? I SUSPECT VERY LITTLE* Electrical load of the display 60 AMP* Is a UPS required, for the DMS or controller? NO* Is the ground equipment cabinet to be retrofitted? THE NEW CONTROLLER SHOULD GO INTO THE SPACE OF THE OLD ONE IN THE CABINET* List of all equipment used in the Traffic Cabinet DON'T KNOW WITHOUT LOOKING. THIS REALLY ISN'T NEEDED IF THE NEW CONTROLLER GOES IN THE SPACE OF THE OLD ONE* Is it necessary to provide new fiber optic cable between the cabinet and the display? WHATEVER IS NEEDED TO MAKE THE NEW SIGN CONTENTS TALK TO THE NEW CONTROLLER. SIGN 43 DOES NEED NEW WIRING DUE TO RODENT DAMAGE.* Power supply make and model PLITRON 1273404-06 #20011 VA:1500 F:50 IMPUTE 2 X 115 VAC F-P ELECTRONICS P/N 322512-002

Question Submitted: 6/5/2009

Question Number: 7

With regard to the side-fire radar installations, existing wiring is called out for re-use. It is our understanding that existing are "X1" controlled with wiring consistent to that designation. Our research indicates the existing wiring to be inadequate for the units to be installed. Please identify the appropriate wire by type and size and add a bid item for this material.

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.

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Question Submitted: 6/9/2009

Question Number: 8

After reviewing the specifications, work locations, and the ARTIMIS camera views, it could not be determined exactly which trees and how many would need to be removed or pruned to provide a clear view for the traffic cameras to the satisfaction of the maintaining agency, particularly if the camera viewing angles would change. Please provide additional information as to the intent of which trees will be removed to satisfy visibility requirements.

Per the plan documents, the Engineer will direct the contractor which trees to remove/trim at each location. Bid per the quantities and specifications set forth in the plans.

Question Submitted: 6/9/2009

Question Number: 9

The special provision for the Side Fire Radar states that some of the locations are replacements and some of the locations are new installations. How many are new installations? These locations will require a new pole and cabinet. Also, if new locations are required, will items need to be set up to bring power and communications to these locations?

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