

# Ohio Department of Transportation

## Prebid Questions

Project No. 080250

Sale Date - 4/9/2008

Question Submitted: 3/20/2008

Question Number: 1

This question is related to Dynamic Message Sign. I already asked yesterday but I had an error message when submitted so I am not sur you recieved it. Specifications require that the DMS are approved by Nevada DOT. However, the position to evaluate the DMS in NDOT is vacant and it seems no one can review our application for the moment. We have already installed DMS in Nevada, but not exactly the same type. Consequently, we asked if ODOT could accept to publish Nevada specifications and review a product based on these specifications. We think this approach would be fare and will have the benefit to bring more competition. Thank you

**We will only accept signs which have been reviewed by the Nevada DOT and having been placed on their QPL. ODOT will not make the determination of compliance with another state's Qualified Products List, only that state can address their requirements. For ODOT to apply the Nevada DMS specifications would violate the requirements for this project.**

Question Submitted: 3/26/2008

Question Number: 2

This project provides a detailed specification for the 6 strand fiber optic cable but fails to provide any material requirements for the 144 strand trunk line. Please provide details for this cable.

Question Submitted: 4/2/2008

Question Number: 3

It appears that the intent of the project is to install the conduits across structures by transitioning the trench to the edge of the paved area, removing a portion of the approach slab, coring the abutment wall, and repairing the approach slab and abutment wall. If that is in fact the intent, please provide additional details for the removal and repair of the approach slab and abutment wall. In addition, please provide quantities to compensate for these operations. Finally, please provide an MOT plan for these locations, as this would require a longer term shoulder/lane closure.

**The conduit is to be brought to the side of the approach slab, bored under the approach slab, and through the back wall.1) The approach slab can not be cut. 2) No MOT will be needed since all work will be off the road and behind barrier wall.3) The hole in the backwall will be minimal so no repair will be needed.**

Question Submitted: 4/3/2008

Question Number: 4

Regarding the CCTV installation, sheet 24 refers to a 70' pole with lowering system. This appears to be in conflict with the Special Provisions for CCTV which refer to 50' wood poles furnished by ODOT for CCTV installation. Please clarify which is correct. If 70' steel poles are required, is the foundation to be incidental to the installation, or will a separate pay item be established? Thank you for your consideration.

Question Submitted: 4/4/2008

Question Number: 5

Regarding the fiber spec and direct buried cable: The direct buried fiber does not match existing Artimis installations. Will the department consider installing conduit and standard fiber instead of direct burying the fiber cable? How will the fiber be located for future maintenance without a locator wire or at least armored cable? With the current fiber design, installation and maintenance will likely be very costly. Can the fiber be spliced at the trunk, or does the trunk cable need to run in and out of each cabinet? Can separate pay items be established for splices etc. so that the contractor can fairly estimate the cost of the project?

**No, we will be using Direct Burial Located by Plan location Trunk Cable to run in and out of each cabinet. Seperate pay itmes will not be established. Adequate info is provided in the bidding documents.**

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.

## Ohio Department of Transportation Prebid Questions

Question Submitted: 4/4/2008

Question Number: 6

In response to the answer to question #3, we have the following concerns. A directional drill would not be able to penetrate a concrete wall, due to the thickness of the concrete and the reinforcing steel in the wall. Even if it could, the hole on the outside of the wall would not be a clean hole. If a hole were to be cored or slotted into the wall, with the intent to directional drill through the hole, the hole would have to be significantly larger than the conduit in order to stand a chance of boring through that hole. This aim is also significantly affected by the ground conditions (granular material, rocks, concrete, etc.) under the approach slab. In addition, the conduit would not be approaching the abutment wall at a perpendicular angle, further necessitating a larger hole. Finally, the angle of the bore is limited by the flexibility of the boring rods and the conduit. The conduit cannot be swept to the locations required in such short distances. How large of a hole would be allowed, knowing that the hole in the abutment would need to be significantly larger than the conduit if the conduit were to be bored to the wall? What type of wall repair would be required? Would change orders be issued to compensate for unforeseen subsurface conditions? Would alternative means of transitioning the conduit to the underside of the structure be considered and detailed for bidding purposes?

**this method has been used in the past with success. A hole can be cut in the backwall a maximum of 12" X 12". The hole will need to be repaired in order to hold the dirt in place (This does not have to be extensive.) Change order will NOT be issued for unforeseen subsurface conditions. A 12" hole should be able to be hit in this short distance. Alternate means of transitioning the conduit to the underside of the structure will be considered after award through the Value Engineering Process.**

Question Submitted: 4/5/2008

Question Number: 7

The special provision section of this project lists the following items which do not have pay items in the proposal book: ITEM 632E90406: Signalization Misc: ITS Cabinet Furnish Only ITEM 632E90406 Signalization Misc: CCTV Furnish & Install Will an addendum be issued for these pay items?

**These items are not needed for this project, therefore they will not be added to the Proposal. Bid the items in the Proposal.**

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