

Ohio Department of Transportation

Prebid Questions

Project No. 050501

Sale Date - 10/19/2005

Question Submitted: 10/11/2005

Question Number: 1

The traffic signal quantities do not distinguish between the equipment that is intended for the permanent signals versus the temporary signals. Does Odot intend to take delivery of all new signal heads, video detection equipment and controller cabinets after the temporary signals are removed? If the temporary signal equipment will belong to the contractor, will incandescent, poly signal heads suffice? Is a 170 controller necessary for temporary signals?

Thank you for your consideration....

Please see addendum number 5.

Question Submitted: 10/3/2005

Question Number: 2

Addendum #1 - Question 3 stated pier #2 was currently being constructed and asked if quantities were to be adjusted.

Answer - The following field conditions will be changed from this plan.

- a) pier two will be completed
- b) most, if not all of the fill will be in place
- c) Most of proposed guardrail will be eliminated.

This addendum changed the bid quantity for embankment and guardrail, but did not change any of the bid quantities for the pier (piling furnished & driven, footer concrete, substructure, epoxy sealing, unclassified excavation).

Are these quantities going to be adjusted in another addendum?

Please advise

Question Submitted: 10/5/2005

Question Number: 3

In Addendum No. 4 dated October 4, 2005, question 2 asks If "WAPITI software shall be included with the controllers"? The answer states that ODOT Agrees with this then goes on to state "ODOT will provide the software for these signals"

If the intersections are maintained by the City of Harrison, then software should be furnished with the controller. However, WAPITI software cannot be specified and the project software requirements must be open to any and all available Type 170 Controller software packages. Specifying WAPITI is proprietary and the city does not meet any of the guidelines for a proprietary call-out.

Please see addendum number 5.

Question Submitted: 9/14/2005

Question Number: 4

Four(4)pages of soil boring information is attached to the back of the plans. There is no indication of where the borings were performed. Please provide this information.

Sheet 1/4 Sta. 18+37 25' RT (TB-8); Sheet 2/4 Sta. 19+89 29' LT (TB-9); Sheet 3/4 Sta. 21+63 25' RT (TB-11); Sheet 4/4 Sta. 20+13 37' RT (TB-10)

Question Submitted: 9/15/2005

Question Number: 5

Will permanent stay-in-place metal deck forms be permitted on this project?

Stay-in-place forms will not be permitted.

Question Submitted: 9/15/2005

Question Number: 6

By looking at the original drawings for the bridge it appears that there was a rehab project to remove and replace the parapet walls. I am specifically interested in the original bulb angle gutter and if it and its original supports were removed during the rehab project. If it was not removed it creates a problem trying to remove slabs during deck removal when you have bulb angle supports and bulb angle left in the concrete still attached to the Facia beams.

Answer: The 1991 bridge repair plans have been added to ODOT's ftp site at <ftp://ftp.dot.state.oh.us/pub/Districts/D08/HAM-74-1.60/>

Question Submitted: 9/19/2005

Question Number: 7

1. Has ODOT or the Consultant checked whether there are enough permanent cross frames in the superstructure design to withstand the overturning moments during Phase II Bridge deck pour and the 4'-10" overhang? It appears that temporary bracing for overturning of the Facia beam is necessary.

This has been checked by the Consultant and they are confident with their design.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 9/19/2005

Question Number: 8

1. While visiting the project site it appeared that some of the Ramp embankments and the bridge approach embankments will be in place prior to the bid. It also appears that Pier # 2 is being constructed by another project. Please clarify what the existing site conditions will be when it is turned over to the bridge contractor and adjust the bid items and quantities appropriately.

2. Has ODOT or the consultant checked whether the 4'10" overhang (as shown on plan sheet 170/194 with Portable Concrete Barrier on it) will support itself? Will it need temporary support until the closure pour is made as shown on plan sheet 170/194?

Question Submitted: 9/22/2005

Question Number: 9

Item 28 appears to be New Jersey Type A Barrier. Sheet 87 refers to RM-4.4 (Single Slope) and RM-4.2 (Precast). Sheet 98 shows Single Slope B and Single Slope B Reinforced, but there are no quantities for either. Can you please clarify what you want for this item.

All Barrier on this project will be single slope. We will have single slope on the bridge and Single Slope, Type D to protect Pier 1 and 3. Pier 2 has already been built and the barrier will be installed prior to this project selling. An Addendum will be coming next week with all the work and quantity that will be removed from this plan.

Question Submitted: 9/23/2005

Question Number: 10

Refer to Plan Sheets 149 and 150:

Regarding the Geogrid Reinforcement materials, Part 2.1B on Sheet 149 states the material is to be Tensar UX1100HS; the notations on Sheet 150 show the same material to be UX800HS.

Which is the correct material?

Question Submitted: 9/23/2005

Question Number: 11

we request project control be reduced to 40%. This will allow more contractors to provide competitive bids.

Thankyou

Question Submitted: 9/26/2005

Question Number: 12

Bid item 27 622 Conc. Barrier Single Slope Type D 128 FT

There needs to be another bid item for the two end sections per standard drawing RM 4.6 4/18/03

Or is this supposed to be plain type D not single slope?

Bid item 28 622 Conc. Barrier Type A 162 FT

The plans refer to Standard Drawing RM 4.4, but this is a Single Slope Standard.

Is this supposed to be Single slope Type A, or just Type A.

Question Submitted: 9/26/2005

Question Number: 13

1. Can the infields at the project site be used for the office site?

2. Can the project infields be used as a waste area for the concrete coming off the existing bridge?

1) Do not bid the project with the field office in the infields. 2) The infields can be used for dirt waste only, but not for the concrete coming from the existing bridge. Please refer to section 107.11A2 of the 2005 Spec. book.

Question Submitted: 9/27/2005

Question Number: 14

Ref No 63 calls out the use of intermediate type 1 with PG76-22 Binder. The surface mix is Type 1h. Type 1h is specified as a PG70-22M. Please review to be sure this is what you want.

This is the choice of the City of Harrison.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 9/28/2005

Question Number: 15

050501 HAM Pre-bid Video

Item 632 – Signalization Misc. : Color Video Detection Camera and

Item 632 – Signalization Misc. : Video Detection System Cabinet Hardware

We would request that consideration be given to alternate Video Detection products from ITERIS.

The specification for the referenced project limits the Video Detection Equipment to one manufacturer/form factor. The product specification requires that the camera communicate with the cabinet over twisted pair. (This specification implicitly requires the video processing be done overhead in the camera). The ITERIS product we wish to offer for consideration does not require communications to overhead cameras - only a video feed and power need to be run to the camera. (In one unitized cable assembly) The ITERIS system (all form factors - rack mount, shelf mount) contain the processor module(s) and communications interface(s) in the traffic signal control cabinet (where in our opinion it is best suited for ease of installation, maintenance and operations).

ITERIS does offer both monochrome and color cameras.

Thank you

If you should have any questions please do not hesitate to call.

Very Truly Yours

Steve Sours

Question Submitted: 9/28/2005

Question Number: 16

Addendum # 1 stated that Pier 2 will be completed by another contract. If Pier 2 is completed will the Sealing Concrete Surfaces(Epoxy Urethane) be performed also? If so should Bid Item 171 Sealing Concrete Surfaces(Epoxy Urethane) quantity be adjusted?

You will still need to seal pier #2. the estimated quantity will not change.

Question Submitted: 9/29/2005

Question Number: 17

Sheet 187, note #2, says that new bearings are also req'd at the existing beams at both abutments. There is no pay qty for these. I think the qty for Ref. 182 should be increased by 8 ea, and Ref. 183 (refurbish bearing device) should decrease from 20 to 12. Cross section F-F on plan sheet 170 / 194 shows a Laminated Elastomeric bearing. The existing bearings are R100 rockers. Please advise

Please see addendum no. 2

Question Submitted: 9/30/2005

Question Number: 18

The license agreement between Traffic Control Products and the State of Ohio for WAPITI 170 Software requires that the use of software to be for ODOT maintained interesections only. The plan-set states that the maintaning agency for these intersections is the City of Harrison. Therefore, we believe that the specifications should be modified to state that "WAPITI software shall be included with the controllers".

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