

Ohio Department of Transportation

Prebid Questions

Project No. 040406

Sale Date - 7/14/2004

Question Submitted:

Question Number: 1

1. Can ODOT include the schedule used to develop the road closure and completion dates? 2. Is there hydrograph information available for the Maumee River at the bridge site?

1) The schedule has been added to URL site shown in addenda 1. The project schedule is named - "Hen-108 Schedule.pdf" The schedule assumptions is named - "BASIS AND ASSUMPTIONS FOR HENRY COUNTY BRIDGE SCHEDULE.pdf" 2) The USGS and National Weather Service Web sites both contain data pertaining to the Maumee River at Napoleon and other points along the river.

Question Submitted: 6/14/2004

Question Number: 2

Page 17 of 34 in special provisions. Section 12.1 " the concrete strength shall not vary more than 500 psi (highest to lowest) for each group of precast modules. " Usually our specification is limited to a minimum concrete strength with no maximum or variance specifications. Based on experience this specification would be nearly impossible for the precast industry to meet without numerous rejects. There are too many variables in a concrete mix to achieve this type of tolerance. We would ask that this specification be waived. Thanx

see addenda 3

Question Submitted: 6/15/2004

Question Number: 3

Ref.# 220 Conduit, misc. (3)6" PVC elect.is conduit on bridge, Ref.# 231 is conduit off bridge that connects to bridge conduit which is called out as 4" pvc and does not designate how many conduits.Ref.# 221 Conduit (6)4" Fiberglass conduits, which is on bridge. Ref.# 232 is conduit off bridge which connects to 6-4" Conduits is called out as 6" PVC conduit and does not specify number of conduits. Please verify discrepancies. Also Ref.# 80 specifies 24 Decorative light poles. The notes show 2- differsnt poles, 12' and 18' do we combine both sizes into 1 pay item? Thank You, Bob Rupp

see addenda 3

Question Submitted: 6/21/2004

Question Number: 4

Plan sheets 11 and 12 detail the detours to be used for construction. There does not appear to be a legend associated with these detours. We ask that ODOT supply us with a legend so that we can identify the detour signs.

see addenda 3

Question Submitted: 6/22/2004

Question Number: 5

Please consider increasing the maximum mobilization bid amount to \$2,000,000 to cover the various initial costs for this project, such as formwork for the precast sections, and the mobilization of erection equipment.

see addenda 3

Question Submitted: 6/25/2004

Question Number: 6

In reviewing the post-tensioning for the abutments, piers and superstructure, I have come up with a large difference in quantity. Can you please check the quantity of post-tensioning.

Please see addenda 4.

Question Submitted: 6/25/2004

Question Number: 7

Q1) Where does the longitudinal PT strand for the superstructure get paid? The PT strand quantity for bid item 211 shown on sheet 78/183 under the heading Superstructure includes the transverse qty but does not include the longitudinal (reference sheet 146 & 148 of 183 for details).

Q2) Does the City/utility companies reimburse the contractor for the items shown on sheet 78/183, Participation "column B"?

A1) Please see addenda 4. A2) The contractor will be paid by ODOT. ODOT handles invoicing the separate utilities and City.

Question Submitted: 6/28/2004

Question Number: 8

Please determine a Db level at fixed locations in lieu of the general statement regarding 'construction noise'.

Please see addenda 4.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 6/28/2004

Question Number: 9

Is the Department willing to provide electronic versions of the contract drawings to the successful bidder in order to facilitate the preparation of shop drawings in a shorter time frame?

Will the Department allow HNTB to develop shop drawings for the precast members if HNTB elects to contract this work with the successful bidder?

Will the Department allow HNTB to provide construction engineering services for this project if HNTB elects to contract this work with the successful bidder?

Is the Department willing to expand its contract with HNTB for the development of shop drawings and/or construction engineering for this project?

A1) Yes, the Dept will make the MicroStation CADD file available to the successful bidder. A2) No, HNTB will be checking shop drawings for the Dept. A3) No, HNTB will be providing services for the Dept. A3) No.

Question Submitted: 6/28/2004

Question Number: 10

At the Pre-Bid Meeting, it was stated that alternate pier construction would be acceptable, with the sole stipulation that the aesthetic value of the pier could not be significantly changed. Please confirm that pier construction alternates are acceptable, including the utilization of cast in place pier caps.

Question Submitted: 6/28/2004

Question Number: 11

At the Pre-Bid Meeting, it was stated that alternate pier construction would be acceptable, with the sole stipulation that the aesthetic value of the pier could not be significantly changed. Please confirm that pier construction alternates are acceptable, including the utilization of cast in place pier caps.

The Ohio Dept. of Transportation (ODOT) has considered several requests to permit the inclusion of alternate designs by contractors at the time of bid for the above referenced project. ODOT concluded that while the design is unique, it remains biddable, buildable and affordable. To allow additional design would, in our view, be problematical, leading to possibly to more addenda, delay and confusion. Our obligation is to sell this project and build it within our budgetary constraints. We believe that this is certainly possible with our current design. Thus ODOT has elected NOT to permit inclusion of the alternate designs. The contractor is instructed to bid the project as shown.

Question Submitted: 6/28/2004

Question Number: 12

What is the maximum allowable stress loss at the closure pours?

Please see addenda 4.

Question Submitted: 6/29/2004

Question Number: 13

Will the Department grant an excusable delay for lost days due to icing of the Maumee River?

The department will follow the processes as outlined in the contract documents. Basically all of CMS section 108.

Question Submitted: 6/29/2004

Question Number: 14

Please verify the Post-Tensioning Strand Quantities on Plan Sheets 7, 34, 47, 75 and 77/106.

Please see addenda 4.

Question Submitted: 6/29/2004

Question Number: 15

The drainage summary on sheet 22/183 does not agree with the drainage profiles on sheets 45/183 & 45A/183. Which is correct?

Question Submitted: 6/29/2004

Question Number: 16

Please verify the Module designations in the Post-Tensioning Strand Quantity Table on Plan Sheet 47/106.

Please see addenda 4.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 6/30/2004

Question Number: 17

Please consider revising the Cofferdams, Cribs and Sheeting, App item, to allow a prompt payment for work completed. I suggest a Cofferdams, Cribs and Sheeting item for any cofferdams-causeways-trestles-etc. to build the structure, and a Cofferdams, Cribs and Sheeting, APP for the temporary sheet pile wall.

Please see addenda 4.

Question Submitted: 6/30/2004

Question Number: 18

Please verify the lap length requirements in the Required Lap Lengths table on Plan Sheet 74/106, in light of the closure joint dimensions.

Please see addenda 4.

Question Submitted: 7/13/2004

Question Number: 19

Are the permanent materials tax exempt?

The general answer is yes. This is the pertinent section for your reference. 5703-9-14 Sales and use tax; construction contracts; exemption certificates. Section 5703-9-14 of the Ohio Administrative Code outlines the exemptions for sale tax on construction contracts with the State of Ohio. <http://onlinedocs.andersonpublishing.com/oh/lpExt.dll/OAC/14be6/14d55/14da9?fn=document-frame.htm&f=templates&2.0#> The link above will take you directly to the stated section.

Question Submitted: 7/6/2004

Question Number: 20

Please verify that Work Type 54 is not a required work type for this project, in spite of the considerable post-tensioning work.

Please see addendum 5.

Question Submitted: 7/6/2004

Question Number: 21

DRAWING 46/183, UNDER SUB HEADING EXCAVATION, BEDDING AND BACKFILL, "SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 7". WHAT ARTICLE IS THIS REFERRING TO?

See addendum #5.

Question Submitted: 7/6/2004

Question Number: 22

We understand the statement in Addendum #3 "The Department will neither entertain nor accept any Value Engineering Change Proposal for this project."

1. Can the substructure concrete be redesigned (maintaining the same geometric shapes of the bridge) at no additional cost to the state?
2. Can the Post tensioning for the substructure and/or the superstructure be redesigned at no additional cost to the state.

The Ohio Dept. of Transportation (ODOT) has considered several requests to permit the inclusion of alternate designs by contractors at the time of bid for the above referenced project. ODOT concluded that while the design is unique, it remains biddable, buildable and affordable. To allow additional design would, in our view, be problematical, leading to possibly to more addenda, delay and confusion. Our obligation is to sell this project and build it within our budgetary constraints. We believe that this is certainly possible with our current design. Thus ODOT has elected NOT to permit inclusion of the alternate designs. The contractor is instructed to bid the project as shown.

Question Submitted: 7/8/2004

Question Number: 23

Please verify that the early start date stated in Addenda 5 does not apply to preliminary work that does not impact traffic.

The intent of the restriction is to notify the contractor that the project area will not be ready for occupation by the contractor until 12/1/2004. As stated in addenda 1 the right of way and utility relocation will not be complete until 11/15/2004. The access areas to the river will not be available to the contractor till after 12/1/2004 date. Thus the no work before 12/1/2004. All other mobilization activities may proceed as usual. Just like any other ODOT construction project these activities are all part of the what the contractor does to gear up before the actual physical construction starts. In other words, these activities are not included in the restriction.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 7/8/2004

Question Number: 24

The spec for the light pole, arm and luminaire are very vague. Is there a model number of a manufacturer or a picture that shows us what to bid?

The district did not want to limit the manufactures by limiting it to specific model numbers. The specifications were based off of the existing light poles. A site visit may prove useful. The district believes the plan contains sufficient information to bid the plan as is. 2 light pole pictures have been added to the project FTP site to offer guidance for the contractors. <ftp://ftp.dot.state.oh.us/pub/districts/d02/Hen108> The file names for the pictures are: [lightpole1.jpg](#) and [lightpole2.jpg](#)

Question Submitted: 7/8/2004

Question Number: 25

Who is the light pole manufacturer?

Could the letting be delayed long enough to find out the light pole options?

The district did not want to limit the manufactures by limiting it to specific model numbers. The specifications were based off of the existing light poles. A site visit may prove useful. The district believes the plan contains sufficient information to bid the plan as is. 2 light pole pictures have been added to the project FTP site to offer guidance for the contractors. <ftp://ftp.dot.state.oh.us/pub/districts/d02/Hen108> The file names for the pictures are: [lightpole1.jpg](#) and [lightpole2.jpg](#)

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