

Ohio Department of Transportation

Prebid Questions

Project No. 050004

Sale Date - 1/14/2005

Question Submitted:

Question Number: 1

Are the Cadd files available for this project?

The files have been posted to the following web site.

<http://www.dot.state.oh.us/CONTRACT/dgn.htm>

Question Submitted: 1/3/2005

Question Number: 2

What is the depth of repair and type of mix to be used for reference 204 Pavement Repair? Since the item is bid by SY, the depth of repair needs to be provided.

Question Submitted: 1/3/2005

Question Number: 3

Re: Lighting portion.

There is a symbol that is an alternating black & white bar which has no legend for it. I understand it is conduit, Are these crossing bored?

Thank-You
Sue

Question Submitted: 1/4/2005

Question Number: 4

There are some issues concerning drainage outlets and staged construction. For line 4-D, station 597+00 (See page 114) and line 3-D, station 599+00 (See page 115), there is no constructed outlet until stage 3 of the work. How should this be addressed?

Question Submitted: 1/4/2005

Question Number: 5

1) Plan sheet 450/614 Settlement Platforms Note states settlement platforms will be paid by actual number completed. MSE wall special provisions state settlement platforms are included with MSE Wall unit price. Our question is settlement platforms paid for per each with a new bid item or are they included with MSE Walls? If they are included with MSE Wall can you give a quantity to include in our bid.
2) Concrete for MSE Walls is not set up as QC/QA, is this correct?

Question Submitted: 1/4/2005

Question Number: 6

Referring to addendum #1- question 9 was answered regarding additional item 615. Plan sheets 32,46,48 and 49 were to have been revised. We have not received any of these revised plan sheets. Are they available online?

The drawings are on the web-site. The link is on the cover page of the addendum

Question Submitted: 1/5/2005

Question Number: 7

I have not found a bid item for Rigid Overhead Sign Support Foundations for the nine TC-7.65 Spans, and the Ground Mounted Beam Support Foundations for Breakaway Sign Supports?

Question Submitted: 1/6/2005

Question Number: 8

The unclassified excavation notes on pages 514/614 and 527/614 state that the backfill material behind the abutments shall be 304.02 material. The MSE wall typical section on sheet 451/614 calls for this backfill to be Item 203, embankment. Please clarify.

Question Submitted: 1/6/2005

Question Number: 9

Question No. 2 on addendum No. 1 asks for clarification of the 90 waiting period referred to on sheet 450/614. The answer has still not clarified the requirements of the 90 day waiting period. The plans make no mention of what the construction restrictions are during the 90 day waiting period. Specifically, must the construction of the abutment wait 90 days (or 90% compaction) before commencing.

Question Submitted: 1/6/2005

Question Number: 10

SSL's MSE Wall is an approved product in Ohio. We should be included as a supplier in the special provisions and bid items. Please issue an addendum adding us as an MSE alternative.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 1/6/2005

Question Number: 11

The bearing pressure for the MSE walls is to low. With an a wall that is app. 35' to the roadway and an added 3.9 kips from the spread footing the allowable should be around 9.5 kips to keep the reinforcing lengths down to reasonable lengths.

The design consultant's geotech sub-consultant provided the following response: With respect to the bearing capacity for the embankment, I have reviewed the design calculation and an allowable bearing capacity of 6,000 psf is appropriate for these soils. This includes a factor of safety of 3.0, so the ultimate bearing capacity is 18,000 psf. Using a bearing of 9.5 kips would reduce the factor of safety to about 1.9. There are very few soils in the area that would have an allowable soil bearing capacity of 9.5 kips.

Question Submitted: 1/7/2005

Question Number: 12

MSE Wall Special Provisions Section 4.2 Fndn Prep calls for an under cut of existing soil if it is found unsuitable, also Section 7.0 Basis of Payment has 304 Aggre. Base included. We cannot find any reference in the plans to a undercut. How will this item be addressed if required ?

Question Submitted: 1/7/2005

Question Number: 13

1. Addendum #4 deleted Item #2202-Removal Misc: Pump Island Foundation and Pipe Removal shown on sheet 108. It states that the contractor will be required to remove the pavement.

Will the removal of this pavement be paid for by the Pavement Removal Item? If not, under what item will it be paid?

2. Surface Smoothness Requirements for Pavement - 10-30-03,
after review of the specification, it is unclear if the intial profile index is 7 inches or less, can the contractor diamond grind the pavement to lessen the profile index and increase the incentive prior to the performing a final profilograph.

Question Submitted: 1/7/2005

Question Number: 14

Item 614 Video Detection Camera & Video Detection System Cabinet Hardware:

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

The specification for the referenced project limits the Video Detection Equipment to only one manufacturer/form factor. The product specification requires that the camera communicate with the cabinet over twisted pair. (This specfication 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 overhad cameras - only a video feed and power need to be run to the camera. The ITERIS system (all form factors - rack mount, shelf mount) contain the processing to the processor module(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

T. Steven Sours

Question Submitted: 11/17/2004

Question Number: 15

When will the EBS Files become available?

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Ohio Department of Transportation Prebid Questions

Question Submitted: 12/17/2004

Question Number: 16

Standardized drawing number, TC-7.65, TC-18.26 and TC-41.40, do not appear on the Standard Construction Drawing list on the front page of the plans.

Proposed signing elevation view 2 of 7, 38/43, 493/614, shows that Sign S-14 is a TC-7.65, Des. 6, 50' Span, @ Sta. 587 + 20.

Proposed Signing Plan sheet 2 of 8, 30/43, 485/614 shows Sign S-14 is a TC-18.26, Des. 4 @ Sta. 587 + 50.

This is confusing, do you want a Span or a Bridge Mounted sign support.

Ref. # 140 1 Ea. TC-7.65, Des. 6, 50' Span. I have also located a sign S-10, S-28, S-52 and if you add S-14 from the question above you have a total of four(4) TC-7.65, es. 6, 50' Spans.

If the S-14 sign will be mounted on a 50' Span then the ref's 146 and ref's 148, can be deleted from the contract.

If there are any questions please give me a call.

Thanks

Steve

Question Submitted: 12/20/2004

Question Number: 17

Addendum #1 and Amendment #1 Added Ref. 0400 and 0401, which are two different types of rumble strips. Note that the total of the two equal the original reference 115. The amendment did not call for eliminating reference 115- should this item be eliminated?

Question Submitted: 12/20/2004

Question Number: 18

RE: Bridge No. WOO-20-1163
Structural Steel
Sheet 8/11 (533/614)

Drawings indicate CP (complete penetration weld). Is this correct? Normal requirement for this type of structure would be fillet weld. CP weld is much more expensive.

Thank you for your prompt reply.

Jay Giardina

Question Submitted: 12/21/2004

Question Number: 19

Ref#22- Removal and Disposal of Scrap Tires - 1 LS

Why isn't this item bid by a unit (per Ton) price ??

The current item master does not allow for a per ton payment for Item 202 Removal, Misc.. The LS filled the intent of the plans and will remain as such.

Question Submitted: 12/21/2004

Question Number: 20

Addendum #1 added 2 bid items for Rumble Strips, Reference #400 and 401. The original bid item for Rumble Strips, Reference #115 was not modified. Did ODOT intend to delete the original bid item for this work, Reference #115?

This was corrected in addendum #2.

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Prebid Questions

Question Submitted: 12/28/2004

Question Number: 21

Addendum #2 refers to the Troy Township Zoning Requirements. Specifically, it addresses the construction of ponds. There is further reference to Troy Township Zoning code Section 7.6 which was not included in the addendum. As a result, a telephone call was placed to the Township zoning board for additional information. The Troy Township representative stated that Section 7 is being rewritten. This will not be completed until mid-January.

Considering this information and the preparation of the bid, how should the contractor address all of the references to Troy Township zoning requirements as they relate to borrow pits, since the information will not be available prior to bid submittal?

The information was included because a direct question relating to them was asked at the Pre-bid meeting. The department was not obligated to provide the information. The contractor is required to follow all existing Federal, State and LOCAL requirements when preparing and submitting a bid. The borrow areas were not identified within the plans and contractors must identify their own sources of borrow. When doing such, it is the contractors responsibility, not the departments, to identify, investigate and evaluate any restricting regulations for a specific borrow area.

Question Submitted: 12/28/2004

Question Number: 22

Addendum # 2 added a bid item, Reference Number 411, Item Special - Drilled Water Well Abandoned, quantity of 13 each. In order to price this work we need the following information.

1. Physical Location
2. Well Casing Diameter.
3. Depth of Well.

Question Submitted: 12/30/2004

Question Number: 23

#1 The concrete paving equipment requires a minimum of 3 feet for clearance of the track driving unit. The plans show only 2 feet being available in some areas. Can this lane width be adjusted or can temporary pavement be added to increase the work area width?

#2 There are no typical sections for Stage 3A, 3B, or 3C. Could these be supplied?

A1) This questions really depends on the type of equipment the a particular contractor may be using. The plans does allow for extra width to be available with the existing MOT plan. As with any construction project, project field conditions and equipment can be varied from the plan with prior approval of the engineer. A2) Please see addendum #3.

Question Submitted: 12/9/2004

Question Number: 24

Plan sheets 42 and 43 show the location for constructing a temporary pavement crossover in Stage 1A on SR 420. These sheets show the limit of construction to the outside edge of the existing shoulder. Plan sheet 31 shows typical cross sections for temporary pavement construction. One in particular, Section C-C, shows construction of temporary pavements through the shoulders on SR 420. Meeting the outside edge of pavement would require sawcutting of the joint between existing pavement and shoulder.

Does ODOT want the temporary pavement crossover constructed such that these meet existing SR 420 at the outside edge of shoulder or at the outside edge of pavement?

Please see Addendum #1.

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