

Ohio Department of Transportation

Prebid Questions

Project No. 070324

Sale Date - 6/27/2007

Question Submitted: 5/23/2007

Question Number: 1

1. The plan contains a note under Item 614 Maintaining Traffic that refers to the contractor designing and maintaining an MOT scheme stamped by a P.E. (See sheets 16 & 17). The plans also include a very detailed MOT for each Stage and Phase on sheets 19-25. Considering the supplied information on sheets 19-25, what more is needed and in what area?

Sheets 16-25 are at a large scale and do not provide the needed specific information. The specific information items are listed on sheet 16.

Question Submitted: 5/23/2007

Question Number: 2

1. Compare sheet 13 with the new typical sections. Does all of the existing subbase get removed? 2. Does Curtice resurfacing occur after Stage 2? 3. Is there a typical section missing for Curtice Road from station 25+85 to 27+58? It looks like there might be work indicated in that area but no typical section for it. 4. There are six(6) Lemoyne Road "Notice of Closure" signs. First of all, the signs are marked Ohio Dept. of Transportation. Will these be furnished by ODOT? Secondly, if they are to be furnished by ODOT, from where are they to be picked up?

Question Submitted: 5/25/2007

Question Number: 3

This question is regarding the retaining wall details shown on Sheet 112A and 114 to 116. What is the allowable bearing capacity to be used for the MSE wall design? Sheet 112A provides wall pattern detail on the top left corner. Is this pattern for Cast-In-Place wall or for the MSE wall or both.

Question Submitted: 5/29/2007

Question Number: 4

The 3 power services listed for the traffic signals show the meters being mounted to a new utility pole SCD TC 83.10. Please specify what size pole that you want to use. Why not use a meter pedestal, because the power is being fed underground? If you use a pole why not feed it overhead, then go underground?

Question Submitted: 6/11/2007

Question Number: 5

On page 168 of the Const. & Material specification, 320.04 for Rubblize & Roll it states "do not allow more than 48 hours to elapse between rubblizing and placement of the first course of asphalt" We have no asphalt and the rubblized pavement will be exposed for a much longer period of time before the concrete pavement is placed. Will covering the pavement with 304 meet this requirement?

Question Submitted: 6/11/2007

Question Number: 6

Plan note on sheet 17/154 states that the Maintenance of Traffic scheme shall take into consideration snow and ice operations from December 1 through March 31. Addendum No. 1 states all lanes of traffic must be open between December 1 and March 31. Based on this note, what snow and ice operations would the contractor be responsible for?

Question Submitted: 6/11/2007

Question Number: 7

Addendum No. 2 states that the concrete pavement removal quantity is included with 203 Excavation. Should this bid item be "As Per Plan"?

Question Submitted: 6/11/2007

Question Number: 8

On sheet 33 for the roadway sub-summary it shows quantities for 301 Bituminous Aggregate Base for the ramps. None of the typical pavement sections show this. Where does this material go?

Question Submitted: 6/19/2007

Question Number: 9

According to the ODOT design manual, the design engineer is to calculate and specify the MSE wall strap length based upon the external stability calculations of the structure and is to be .7h minimum. I can find no place in the plans where this is called out. Please advise.

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Question Submitted: 6/19/2007

Question Number: 10

Q#1: According to the legend on sheets 4,5,6, and 10 there is Type 2A curb. Where does it go?Q#2: To what is the "As per plan" referring to in the "6 inch Shallow Pipe Underdrain with Filter Fabric Wrap, As per plan" shown in the typical sections legends?Q#3: What is the significance of the "Inside Face of Retaining Wall" indicated in the legends on sheets 4,5,6,7,10,11A, and 12? What's it referring to?Q#4: For Ramp D-2 on sheet 4, please correctly indicate the 8' dimension line to the right of the centerline of construction. Q#5: All of the profile sheets give lane and shoulder width dimensions with some changes, but don't give the stationing to indicate where they occur.Q#6: Typical sections show a "0.07 Max Break" for Ramps M and N. What is the dimension to indicate where this point occurs?Q#7: On sheet 6, Ramp N-1 right lane varies from 8.00' to 12.00'. How does this lane change as it relates to the maximum break point which is not dimensioned?Q#8: We find no cross section that has existing pavement excavation that looks like the typical section for Ramp O-1 on sheet 8.Q#9: The cross slopes shown on sheet 9 do not approximate any cross sections with stationing shown for Ramp O. They are going in the wrong direction.Q#10: On sheet 12, what is the "4B" material for both existing and for proposed?Q#11: The construction noise restricted hours seem a little excessive. It seems like 9:00PM to 7:00AM, or something similar, would be more reasonable.Q#12: What is the depth of the five (5) or six (6) oil lines running parallel to Lemoyne Road along the west side. Who owns them? Have they been contacted. This company wasn't even mentioned in the plans under the "Utilities" section on sheet 17.

Question Submitted: 6/21/2007

Question Number: 11

1. Addendum #4 added reference #203. Where does it go? There are already 8 poles.2. It appears here will be several splice kits required for the lighting. No pay item3. Plan sheet 149 calls for new duct cable. No pay item4. No pay item for removal of existing cables5. Sheet #149, How do we connect to existing circuit 2 wc from new pullbox at sta342+006. No pay item for pedestal foundations

Question Submitted: 6/25/2007

Question Number: 12

In the EBS download for Amendment 002 for Addendum 5, Item 90, Conduit, 3" was deleted but it was not deleted in Addendum

Question Submitted: 6/5/2007

Question Number: 13

PN 090 on page 10 of the proposal states "a bidder must possess work types, and perform work equal to at least fifty percent of the total amount of the submitted bid." A review of the proposal shows a significant variety of work types (seeding, concrete paving, asphalt paving, lighting, signalization, guardrail, MSE walls, etc) on this project that make it very difficult for any bidder to meet this requirement. Can ODOT revise the 50% to 40% for this project?

Question Submitted: 6/6/2007

Question Number: 14

1. There is no item for concrete pavement removal. It seems that note on sheet 13 carries it to the excavation item. Is this Correct?

Question Submitted: 6/6/2007

Question Number: 15

1. Lemoyne Road cross sections show that the existing asphalt pavement is to be removed however there is no quantity carried to the general summary for this work.2. Lemoyne Rd Typical section show that we are to use the existing 6" aggregate base. Once you move toward the intersection this will fall well below the elevation required. The general summary has 304 aggregate base for this area. Where to we start with the new item?3. Typical sections call for subgrade compaction but here is no bid item for this work.4. Typical sections for Lemoyne Rd Call for excavation of the 4' shoulder. No quantity has been carried to the General Summary.5. MSE wall foundation preparation Item 135. Bid quantity is 303 sy. Based upon a wall length of 682 If this gives a width of 4'. Cross sections call for approx 30'.6. The Granular Embankment item ref 136 is twice the suppliers quantity. This will also affect the excavation for this work.7. On the excavation and embankment items the quantities on sheet 33 do not match the cross sections or the table on sheet 13. Please review and advise

Question Submitted: 6/7/2007

Question Number: 16

On sheet 33 it shows 6183 cy of roadway excavation for ramp O which is carried to the general summary. The cross section show a total of 81 cy for this work. The cross sections also show the excavation for the MSE wall of 5573 cy. The plan quantity for this item is 6537 cy. Again nothing ties out to the plan quantities from the cross sections.

Question Submitted: 6/8/2007

Question Number: 17

The description for Bid Reference 109 is for a "Signal Support, Type TC-81.20 Design 12 Pole, With Mast Arms TC-81.20 Design 4 And Design 3." There doesn't seem to be a signal support for this project to match this description. Should Bid Reference 109 be changed to read "Signal Support, Type TC-81.20 Design 12 Pole, With Mast Arm Type TC-81.20 Design 4 (With Light Pole Extension)?" This would match two of the signal supports for the intersection of Curtice Rd & Lemoyne Rd as shown on plan sheets 143, 144 and 145.

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Question Submitted: 6/8/2007

Question Number: 18

The description for Bid Reference 108 is for a "Signal Support, Type TC-81.20 Design 11 Pole, With Mast Arms TC-81.20 Design 4 And Design 2." There doesn't seem to be a signal support for this project to match this description. Should Bid Reference 108 be changed to read "Signal Support, Type TC-81.20 Design 11 Pole, With Mast Arm Type TC-81.20 Design 4 (With Light Pole Extension)?" This would match one of the signal supports for the intersection of Curtice Rd & Lemoyne Rd as shown on plan sheets 143, 144 and 145.

Question Submitted: 6/8/2007

Question Number: 19

Regarding the intersection of Curtice Rd & I-280 SB Off Ramp "N", is the pole for Signal Support B a TC-81.20 Design 11 or a TC-81.20 Design 4? Plan sheet 137 indicates that it is supposed to be a TC-81.20 Design 11 Pole; however, plan sheet 138 indicates that it is supposed to be a TC-81.20 Design 4 Pole.

Question Submitted: 6/8/2007

Question Number: 20

1) Plan sheet 33/154 shows 301 Bituminous Aggregate Base quantites to be used for each ramp. The Typical sections for the ramps do not show any 301 Bitum. Aggregate Base to be used. Is the intent to place 6" of 304, followed by (?) 301, followed by 9" of RCP? If not, should the qty for Ref 28 (301 Bit Agg Base) would be 548 cy instead of 1672 cy?

Question Submitted: 6/8/2007

Question Number: 21

Bid Reference # 115 (Video Detection System) and bid reference # 116 (controller) are both shown on page 135 of the plans as base bid and alternate bid items. However this project's proposal only contains a base bid item. The city of Northwood currently uses the equipment specified as the alternate item on page 135. An alternate bid item is not required to be added for this project. However, the notes listed as alternate bid items should be listed as the base bid requirements to match existing equipment in the city of Northwood. Will an addendum be issued to change the as per plan notes on page 135 to specify the base bid as the APP note currently specified as an alternate for both of these items?

Question Submitted: 6/8/2007

Question Number: 22

Bid item 37 451 9" Rein. Conc. Pav't 10784 SY. Sheet 33 has the summary for this item. The quantity is not correct. It should be a lot more. These plans give little or no information about the concrete joint layout, yes there are pictures, but no given widths to go with the pictures, making it impossible to calculate in the areas where the width vary. The Typical sections also are of no use, yes they say vary from 8' to 12', but it doesn't say where it starts or stops variable width. I still can't tell the quantity is wrong. For example the quantity given for Ramp M is given as 1688 SY. Ramp M is 950' long multiply that times the road width 16' and shoulder width of 6' & 3', that produces 2639 SY. It appears the shoulder quantities were left out. Given the lack of information in the plans I can't figure out the actual quantity, but it's probably more than double the quantity currently used.

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