

Ohio Department of Transportation

Prebid Questions

Project No. 080507

Sale Date - 9/10/2008

Question Submitted: 7/10/2008

Question Number: 1

1. Plan sheet 1/839 references Supplemental Spec 840 dated 1/19/07. Should the revised spec dated 4/18/08 be used on this project? 2. The notes for pile driving for all the bridges state that "Pile driving may not begin until sufficient embankment and MSE wall settlement has occurred" Can the piling be installed prior to MSE wall and embankment construction as long as the piling is redriven to rock after the embankment construction and settlement has occurred?

Question Submitted: 7/10/2008

Question Number: 2

Could the electronic files be made available for this project, including Geopak files and alignment?

Question Submitted: 7/10/2008

Question Number: 3

Could the electronic files be made available for this project, including Geopak files and alignment?

<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/>

Question Submitted: 7/30/2008

Question Number: 4

Where is "Bid Item 30 RCP Type A, w/Fabric Filter - 197 cy"to be placed?

Question Submitted: 7/30/2008

Question Number: 5

Where is "Bid Item 30 RCP Type A, w/Fabric Filter - 197 cy"to be placed?

Question Submitted: 8/1/2008

Question Number: 6

Are CAD DWG files available for earthwork quantities and excavation?

NO. ODOT can only provide the Microstation drawings (dgn) with a disclaimer - for the contractor's use. It is the contractor's responsibility to purchase Microstation software or have the files converted to dwg files by someone. The dgn files can be found at the following link. <ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/>

Question Submitted: 8/11/2008

Question Number: 7

We were informed at the pre-bid meeting that ODOT was planning to utilize an existing house as a field office for the project. Could you provide some more details about this structure: What is the address? Where is it located? What is the approximate size of the structure? How big is the lot? Etc...

Question Submitted: 8/12/2008

Question Number: 8

Supplemental Specification 840 Mechanically Stabilized Earth Wall Specification was updated on 4/18/08. Is this new version of the MSE Wall Specification to be used for this project?

Question Submitted: 8/12/2008

Question Number: 9

Can the prebid meeting transcripts be made available?

Question Submitted: 8/12/2008

Question Number: 10

Bid item 73 is for 144",706.02. Can 707.03 be used as shown on plan sheet 584?

Question Submitted: 8/12/2008

Question Number: 11

There is no pay item under bridge CLI-73-0985 for the unclassified excavation required for the pier. Please add this item.

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: 8/12/2008

Question Number: 12

The state owns a 5.651 acre piece of land locked property designated as 11E on sheet 481A of 492 as shown in the right of way plans for CLI-73-12.03. Can this land be property be made available to this project for a borrow pit? If so, how much material will be available to this project for a borrow site?

No, ODOT does not own that parcel as referenced. If a parcel is marked an E parcel, you can not assume ODOT owns it. The owner always has the right to keep the E parcel or sell it to ODOT. In this instance, the owner Mr. Steinkolk retained ownership.

Question Submitted: 8/12/2008

Question Number: 13

1. Will 5x10 MSE wall panels be allowed on this project?

Yes, 5x10 MSE wall panels be allowed on this project. Section 840.04 subtitle #10 of Supplemental Specification 840 dated 4-18-08 - states " Use standard panels with maximum dimensions of 5 ft high x 10 ft wide (1.52 x 3.05m). Special panels along the top and bottom of the wall may have maximum dimensions of 7 ft high x 10 ft wide (2.13 x 3.05 m)

Question Submitted: 8/13/2008

Question Number: 14

For bid item 073, the bid proposal shows only 706.02 for the 144" diameter pipe required although the project plans allow for a 707.03 alternate. Since the 144" diameter Galvanized Structural Plate per 707.03 meets the structural, hydraulic and durability requirements for this bid item and may in fact be significantly less in installed cost, shouldn't it be included in the bid proposal as an equal alternate to the concrete option?

Please see addendum 4 - The alternate was listed on the plan page, but was not transferred to the bid line item. The bid line item is revised accordingly by addendum 4.

Question Submitted: 8/13/2008

Question Number: 15

We read 878.02 to mean one technician is required with each crew or at each work location. Is that correct, or can one technician cover two crews at two locations? 878.02 Personnel Requirements. Provide at least one lead technician with NICET Level II, Construction Materials Testing – subfield Soils certification and 5 years relevant experience per project. Provide technicians with NICET Level II, Construction Materials Testing – subfield Soils certification, and 2 years relevant experience, at all times for every operation requiring inspection, compaction testing and documentation. At a minimum, provide full time inspection and documentation, when unbound material is being placed. Provide a list of all required personnel to the Engineer for acceptance 7 days prior to the work.

Question Submitted: 8/13/2008

Question Number: 16

Addendum no. 2 added bid item 516. Where is this pipe located? What is the pipe material? What is the pipe depth?

Addendum no. 2 added bid item 518. Where is this pipe located? What is the pipe material? What is the pipe depth?

Question Submitted: 8/13/2008

Question Number: 17

There are several possible quantity discrepancies for the structures in the contract plans. They are as follows: Structure No. CLI-73-0905LRN 208 - Plan Qty = 63 CY, Take Off Qty = 42 CY (Parapet) RN 209 - Plan Qty = 50 CY, Take Off Qty = 39 CY (Diaphragm) Structure No. CLI-73-0905RRN 242 - Plan Qty = 63 CY, Take Off Qty = 42 CY (Parapet) RN 243 - Plan Qty = 50 CY, Take Off Qty = 39 CY (Diaphragm) Structure No. CLI-73-0985RN 275 - Plan Qty = 142 SY, Take Off Qty = 260 SY (App Slab) RN 276 - Plan Qty = 60 CY, Take Off Qty = 57 CY (Parapet) Structure No. CLI-73-1158LRN 309 - Plan Qty = 195 SY, Take Off Qty = 412 SY (App Slab) RN 310 - Plan Qty = 79 CY, Take Off Qty = 47 CY (Parapet) RN 311 - Plan Qty = 85 CY, Take Off Qty = 69 CY (Diaphragm) Structure No. CLI-73-1158RRN 343 - Plan Qty = 178 SY, Take Off Qty = 400 SY (App Slab) RN 344 - Plan Qty = 79 CY, Take Off Qty = 47 CY (Parapet) RN 345 - Plan Qty = 76 CY, Take Off Qty = 63 CY (Diaphragm) Structure No. CLI-73-1188LRN 377 - Plan Qty = 143 SY, Take Off Qty = 300 SY (App Slab) RN 378 - Plan Qty = 95 CY, Take Off Qty = 55 CY (Parapet) RN 379 - Plan Qty = 62 CY, Take Off Qty = 56 CY (Diaphragm) RN 380 - Plan Qty = 117 CY, Take Off Qty = 176 CY (Abutment) Structure No. CLI-73-1188RRN 411 - Plan Qty = 143 SY, Take Off Qty = 300 SY (App Slab) RN 412 - Plan Qty = 95 CY, Take Off Qty = 55 CY (Parapet) RN 413 - Plan Qty = 62 CY, Take Off Qty = 56 CY (Diaphragm) Please verify these quantities.

Question Submitted: 8/13/2008

Question Number: 18

The plan quantity for the approach slabs appears to be the calculated cy quantity of concrete required, not the sy of surface area. Please clarify unit of measurement. We can not verify the plan quantity of concrete shown for the parapet walls on any of the bridges. All appear to be approx. twice our calculated qty. Please confirm plan qtys. are correct.

Question Submitted: 8/13/2008

Question Number: 19

Will the contractor be permitted to cross US 22 with off road equipment? If so, could you please provide details as to what you expect from a traffic maintenance standpoint and any other stipulations or restrictions you may have such as work hours, etc.

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: 8/13/2008

Question Number: 20

PLANS CALL OUT FOR SS SPEC 840 DATED 1/19/07, SHOULD THIS NOT BE CHANGED TO 4/18/2008? ALSO CAN THE PILING BE DRIVEN PRIOR OF EMBANKMENT CONSTRUCTION & MSE WALL CONSTRUCTION SINCE THE PILING IS BEING DRIVEN TO BEDROCK ? IF THE PROJECT STILL INTEND TO USE SS SPEC 840 DATED 1/19/07, CAN THE PILE SLEEVES BE BACKFILL WITH GRANULAR FILL AS STATED IN SS 840 DATED 4/18/2008, THIS WOULD BE A SAVINGS TO THE PROJECT?

Question Submitted: 8/13/2008

Question Number: 21

The pre-bid meeting minutes state that erosion control will be revised and updated to the supplemental specification 832 dated 5/20/08. The supplemental spec shown on the cover sheet of the plans is ss 832 dated 4-25-06. The ss available on the ODOT website is also the one dated 4-25-06. Which spec will apply for this project? If the 08 revision applies where can this spec be found?

Question Submitted: 8/14/2008

Question Number: 22

Item code 203E65000 for settlement platforms. The general notes state that settlement readings shall be taken weekly during construction. Are the weekly settlement readings still needed at the bridge locations after it has been determined that sufficient settlement has occurred?

Question Submitted: 8/14/2008

Question Number: 23

Reference 275 QC/CA Concrete Approach Slab. The plan qty. is 142 SY. This is for Br. # 0985. There are two approaches (30' long x 39' wide). Shouldn't the qty. be 260 SY ?

Question Submitted: 8/14/2008

Question Number: 24

Addendum number 1 added Ref # 500 Asphalt concrete surface course, 12.5mm Type A As Per Plan. There is no additional information pertaining to the "As Per Plan" portion of the pay item. The concrete item that was added (Ref 509) contains an As Per Plan designation with additional information that follows on the last page of the addendum. Please clarify what the As Per Plan designation is for in Ref # 500.

Question Submitted: 8/15/2008

Question Number: 25

Your qty. for the QC/QA bridge parapets on ODOT 507 appears to be incorrect. I have checked bridge No.s 0905 & 0985 and both appear incorrect. The other bridges may not be correct either.

Question Submitted: 8/15/2008

Question Number: 26

In Addendum #1, Item 206 - Curing Coat was modified to prohibit use of curing materials specified in 451.02. Would ODOT reconsider use of these material considering the volatility and availability of the emulsified asphalt, Type RS-1 or RS-2?

Question Submitted: 8/20/2008

Question Number: 27

Item Code 206e30000, Contractor Designed Chemically Stabilized Subgrade. Supplement 1120, Mixture Design for Chemically Stabilized Soils indicates that the mix design procedure be performed for each soil group classification. The majority of the embankment/subgrade material will consist of off site borrow with no soil boring information to indicate the # of different soil group classifications (A-1 thru A-7). How many mix design procedures can we anticipate?

Question Submitted: 8/25/2008

Question Number: 28

In Addendum #1, an alternate for concrete pavement was added requiring rumble strips. Can these rumble strips be formed in lieu of grinding?

Question Submitted: 8/25/2008

Question Number: 29

In Addendum No. 1, the asphalt design alternate lists Items 644, Thermoplastic Pavement Marking, Ref Nos. 506, 507 and 508, while the concrete design alternate lists Items 645, Preformed Pavement Marking, Ref. Nos. 513, 514, and 515. These are not equivalent pavement marking systems so why is the concrete alternate being required to provide a much more expensive pavement marking system than the asphalt alternate?

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: 8/25/2008

Question Number: 30

In Addendum #1, an alternate for concrete pavement was added. Bid items for pavement markings were added which specified 645 Preformed Pavement Marking. On recent ODOT projects 646 Epoxy Pavement Markings have been specified. The cost of Preformed Pavement Marking versus Epoxy Pavement Marking based on 2007 Average Unit Price is almost 6 times more expensive. Would ODOT consider specifying Epoxy Pavement Markings in lieu of Preformed Pavement Markings for concrete pavement?

Question Submitted: 8/25/2008

Question Number: 31

Addendum No. 1 is requiring a bid be submitted for both an asphalt design alternate and a concrete design alternate. On what basis is the Department going to decide which pavement alternate to use for the project since one alternate is subject to future price increase protection and the price bid for that alternate may not be the actual final cost paid by the Department after price adjustments? It would seem more equitable to remove the price adjustment provisions of 401.20 in order to get a true bid comparison between the two alternates and provide the Department protection from unforeseen future price increases.

As has been the case in all previous projects in which alternate bids have been required, the Department will evaluate all factors to determine which alternate will provide the greatest value to the Department. In addition the provisions of 401.20 will remain in place for this project.

Question Submitted: 8/27/2008

Question Number: 32

In Addendum # 1 ODOT revised the quantity for Ref # 88, 304 Aggregate Base, to 3,990 CY. Do you have a breakdown of where this material goes since you did not issue any drawings and/or quantity sheets for this item.

Question Submitted: 8/29/2008

Question Number: 33

In response to Addendum #6, can thermoplastic pavement markings be used for concrete pavement design alternate in lieu of preformed pavement markings?

No. Thermoplastic Pavement Marking Material does not adhere to concrete.

Question Submitted: 8/4/2008

Question Number: 34

1. The mainline bridges have notes for Foundation Preparation, APP which indicate a required undercut at the MSE Walls. However, the actual biditems are not As Per Plan. Please clarify.2. The MSE Wall plans provide limits of the wall embankment. If SS840 is added to the project, will the Department pay for Natural Soil, Wall Excavation, and Select Granular Backfill per 840.08 or per the plan limits?3. Some projects have eliminated the use of pile sleeves in MSE wall backfill. Will the sleeves be required on this project?4. Should biditems be added for Select Granular Backfill Inspection & Testing?

Question Submitted: 8/4/2008

Question Number: 35

Is the Meyerhof Coherent Gravity Method of design acceptable for internal stability calculations on the Mechanically Stabilized Earth Wall (MSE)?

Question Submitted: 8/4/2008

Question Number: 36

We are requesting that the right of way and geotechnical soil report on file for viewing at District 8 Headquarters as mentioned on sheet 838A be provided to all bidders.

<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/CLI-78570/>

Question Submitted: 8/4/2008

Question Number: 37

The abutment bearing details on each of the bridges has a note which reads, "The HP pedestal, steel load plates, bearing retainers, and contact surface of connections shall receive a mist of shop prime coat as specified in Item 514.17." 2 questions:1. The notes also say to refer to Standard Drawing PSID-1-99 for additional notes and details. The notes on page 8 of 8 of PSID-1-99 say to galvanize the steel. Is it the intent to galvanize AND mist coat, or will only one method be required?2. Retainers are mentioned in the plan note, but none are shown on the drawings. Please verify that none are required.

Question Submitted: 8/4/2008

Question Number: 38

The state owns a piece of landlocked property located right of stations 585+00 thru 610+00 as shown on sheet 809/839. Can this land be made available to this project for a borrow pit? If so, how much borrow will be available to the project from this site?

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: 8/4/2008

Question Number: 39

We are requesting that the requirement to perform work amounting to not less than 50 percent of the Contract Price with its own organization as stated in CMS 108.01 be reduced to 40 percent.

Question Submitted: 8/4/2008

Question Number: 40

In the special clauses in the proposal on page 2 item 7 it states: "The Railway Company will assign, at the sole cost and expense of the Department, railroad flaggers or other protective services and devices as necessary to insure the safety and continuity of the work to be performed as part of this contract". Further, on page 3 item 9 it states: "If at any time the contractor desires a temporary crossing of the Railway Company's tracks, he shall make a request for a temporary crossing from the railroad. If approved, he shall arrange with the railroad company, execute its regular form of private grade crossing agreement covering the crossing desired, paying all construction, maintenance, removal, protection and other costs". If the contractor arranges an agreement for a temporary grade crossing in order to haul dirt, aggregates, asphalt and other construction materials across and the railroad demands that the contractor have a full time flagmen, will ODOT pay for the flagmen?

Question Submitted: 8/4/2008

Question Number: 41

Bid item 95 609 Curb, type 4-C 624 Ft. Summary sheet 52 calls for 4 pieces of curb at bridge. Plan sheet 69 shows 8 pieces all of which are 26 feet. There needs to be an additional 104 feet added to this bid item.

Question Submitted: 8/5/2008

Question Number: 42

This question is regarding the panel texture of MSE walls. As per sheet 681A, all panels will have a panel texture of Ashlar Stone. As per Note 3 of sheets 689, 717, 744 and 774, the panel texture shall be fractured granite. The requirement on 681A does not agree with the requirement on Sheets 689, 717, 744 and 774. Please confirm the intent of the designer.

Question Submitted: 8/5/2008

Question Number: 43

If the contractor elects to use filter fabric pipe sleeves around the MSE wall drainage, will the both the 6" pipe and porous backfill items be paid as compensation for the alternate system?

Question Submitted: 8/6/2008

Question Number: 44

This question is regarding the MSE walls at Bridge No. CLI-73-1158 L & R (SR 73 over Indiana & Ohio RR). As per the notes for Proprietary Retaining Wall Data on Sheets 738 and 744, the allowable bearing pressure is 5.0 ksf. The actual pressure at the base of the reinforced soil mass exceeds 5.0 ksf even at strip lengths exceeding 70% of the design wall height (from top of pavement to top of level pad). Please advise how to proceed.

Question Submitted: 8/7/2008

Question Number: 45

Two Questions 1) Bid item 0156 is for 4 each "Wood Pole" no length or size class is provided and on plan page 670 these poles are described as "Temporary Wood Poles". Is the contractor to select a size or will the Department specify a pole size? Also with the pole described as temporary can a "good used" wood pole be furnished or is new required? 2) Please reference pages 680 & 736 / 737. Page 680 shows two light poles west of Structure CLI-73-1158 fed from east of that structure. The circuit is cable-duct in trench. The plans have no provision for crossing the structure, it appears to be trenched across. Please provide a method and line items for conduit on a bridge.

Question Submitted: 8/7/2008

Question Number: 46

At the pre-bid meeting for this project, held on July 30th, we were informed that an addenda would be coming out which would include the addition of a concrete pavement alternate. The addition of this alternate bid item(s) represents a significant change and will require a substantial amount of time to prepare. When will the addenda be coming out? We are now less than 2 weeks away from the bid date, does ODOT still intend to sell this job on 8/20/09?

Question Submitted: 9/3/2008

Question Number: 47

Answer #5 in addendum 2 states that we are not to disturb the landlocked property located right of stations 585+00 thru 610+00. Can we haul borrow across the property and restore the property at completion?

No. As stated in the addendum 2 - answer # 5 - The property is not to be disturbed. The property is for stream mitigation - preservation in its current state.

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.