

Ohio Department of Transportation

Prebid Questions

Project No. 050582

Sale Date - 12/2/2005

Question Submitted: 11/14/2005

Question Number: 1

The note on plan sheet 14/230 for "OVERNIGHT TRENCH CLOSING" states "the base widening shall be completed to a depth of no more than 5 inches by the end of each day."

This will not be possible on this project. In order to fulfill this requirement, existing pavement removal, excavation and embankment, cement stabilized subgrade including cure time, 304 aggregate base, 10" concrete base including cure time, would all have to occur in a single workday.

According to the workzone drop off protection requirements outlined on plan sheet 27/230, Portable Concrete Barrier will be required since the drop off at the phase line will be at least 19 inches until the concrete base is complete and out of cure.

Currently, there is no item in the proposal for Portable Concrete Barrier.

Considering the magnitude of cost for portable barrier, can an item for Portable Concrete Barrier be added to the proposal?

If not, where should this cost be included?

Question Submitted: 11/15/2005

Question Number: 2

The typical sections and the maintenance of traffic plan for the above project indicate a drop-off at the pavement edge behind the barrels of 19.25 inches. All subgrade is to be cement stabilized which requires a five day cure before placing the next course of material. The 19.25 inch depth violates the normal drop-off requirements. How does the Department intend to protect the traveling public from the drop-off?

Please advise

Question Submitted: 11/15/2005

Question Number: 3

The note for Item Special: Retaining Walls on sheet 159 states that the angle of internal friction of select granular embankment shall not exceed 34 degrees. The special provision for MSE walls states that the friction angle shall be 34 degrees. These both appear to be incorrect. Our experience is that the friction angle needs to be 34 degrees or higher. Anything less than 34 degrees has been unacceptable to use for this application, and trying to hit 34 degrees exactly while meeting the other requirements of the special provision is impossible. Please review these notes and modify the requirements to specify a friction angle of 34 degrees or higher.

Question Submitted: 11/16/2005

Question Number: 4

The table at the upper left-hand corner of sheet 144/230 calls for two "HP14x43" in shaft DS #14. Is this the correct size or should it be HP14x73?

Question Submitted: 11/17/2005

Question Number: 5

Sheet 152/230 shows Jersey type barrier to be cast in place on part of the Wall C moment slab. Can straight slope barrier be constructed in its place?

Question Submitted: 11/17/2005

Question Number: 6

Re: Excavation of Subgrade

Plan sheet 91/230 shows a subtotal for EXCAVATION OF SUBGRADE and GRANULAR MATERIAL, TYPE B.

There is a separate payitem for GRANULAR MATERIAL, TYPE B.

Should there be a separate pay item for EXCAVATION OF SUBGRADE to cover the 10,505 Cy subtotaled on plan sheet 91?

Question Submitted: 11/18/2005

Question Number: 7

1. On Plan Sheet 50, callout R119 at 41+20 Rt is for Reference 2 Structure Removed. What is the intended removal?

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Question Submitted: 11/21/2005

Question Number: 8

On plan sheets 138 and 143 it shows a paved gutter behind the Retaining Wall. It says it is to be included with roadway item for pavement. What roadway item? Shouldn't there be a separate bid item for the paved gutter?

Question Submitted: 11/22/2005

Question Number: 9

Re: Work Zone Pavement for Maintaining Traffic, APP

Addendum #1, item #13 describes approximately 320 sy of Work Zone Pavement for phase 2 traffic. The pay quantity added to the proposal is for 1220 sy. Where is the additional 900 sy of Work Zone Pavement?

Question Submitted: 11/23/2005

Question Number: 10

QUESTIONS RELATED TO THE WATERLINE

Since Cincinnati Water Works appears to have some requirements that are substantially different than ODOT, we would like you to specifically address the following questions.

Is the trench in ex. pavement detail on sheet 165 which shows granular material to 1' over the pipe and CDF from that point to the bottom of pavement to be the standard trench in ex. and proposed pavement?

What is to be the trench composition (bedding and backfill)

a. Under drives?

b. Under sidewalk?

c. In seeded areas?

How are valves to be paid for?

Are fittings to have both restrained joints and also concrete blocking?

Plan sheet 163 shows the corresponding CWW specification reference for each pay item listed in the Water Work plans. The fittings are per Cincinnati Water Works specification, as per the plans. Valve chambers and valve boxes are itemized out in the general summary. Concerning the trench note on sheet 165, this is a standard CWW detail for restoration of existing pavement - as detailed and noted in the plans this is required for 'existing pavement' restoration only.

Question Submitted: 11/28/2005

Question Number: 11

Where waterline is installed beyond the limits of new pavement, how will you pay for the pavement replacement/

Payment is explained in the second paragraph under the Restoration Detail on Sheet 165.

Question Submitted: 11/29/2005

Question Number: 12

Explanation: On most City of Cincinnati projects where water line installation is involved, the Greater Cincinnati Water Works (CWW) furnishes a certain quantity and variety of water line and water service materials to the contractor, at no charge, for installation by the contractor. Oftentimes, the CWW furnishes the 16" valves and 16" flange type gaskets for the valves. They also sometime furnish the necessary water service line materials excepting the copper tubing.

We have heard third-hand that the CWW is furnishing the 16" valves and associated 16" flange-type gaskets including bolts and nuts for this particular project. The general bill of materials for the water line work shown in the plans also contains an asterisk next to a number of service line materials and the bid description states these materials are "Hauled, Installed and Connected" by the contractor; by inference, the service line materials marked with an asterisk are also being furnished by the CWW.

Question: Is the Greater Cincinnati Water Works furnishing any materials from their department, at no cost to the contractor, for the contractor to install on this project? If so, what are these materials.

Your assumption is false. This is not a City administered project. As per Sheet 163, signed and stamped by CWW (Cincinnati Water Works), the contractor shall furnish and lay the proposed pipes and fittings. These pay items are reflected properly in the bid proposal.

Question Submitted: 11/29/2005

Question Number: 13

Addendum 1, A4 says the longitudinal joints in the 305 base are to be formed. Does this include all the longitudinal joints in the 305 base?

You are taking A4 out of context - please read Q4 that references the longitudinal joints that are to be constructed next to existing pavement during Phase 1 only.

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Question Submitted: 11/29/2005

Question Number: 14

From about 57+70 to the end of Wall E at 58+93, the excavation for undercutting the MSE wall will have to be shored to allow enough roadway width for maintaining traffic. This shoring is not shown on the plan and there is no Cofferdams, Cribs and Sheeting item associated with Wall E. In which bid item should this be included?

There is no plan error. See sheet 158; a 0.5:1 excavation slope is shown on the undercut detail (this slope is acceptable as per the geotechnical report for this project). With this slope, the contractor has enough room to undercut and meet existing within the construction work zone without shoring.

Question Submitted: 11/30/2005

Question Number: 15

Sheet 159 of 230 regarding MSE 'E' requires that the MSE wall panels shall use special formliners by two of the specified form liner companies or an approved equal.

In previous projects with specialty form liners, Ohio DOT has approved the use of 5-ft. x 10-ft. Rectangular Panels. I-75 project in Dayton, Hill-Diley project and Polaris Project are examples of large projects with more 100,000 sq.ft where such panels were successfully used.

We request Ohio DOT to approve the use of 5-ft. x 10-ft. Rectangular Panels for MSE Wall 'E' shown on sheet 159 of 230 of the contract drawings.

The pattern type is not subject to change. Reference Sheet 159, Formliner note - 'formliner pattern shall be New York DOT Ashlar pattern #913/ Georgetown Ashlar #16986'. This pattern was selected by the City of Cincinnati for the aesthetics of this project. Two manufacturers are listed who can provide the referenced Ashlar pattern formliner. The 'or approved equal' is correctly written in the plans for the contractor to select another manufacturer who can also supply the 'Ashlar' pattern per specification.

Question Submitted: 11/7/2005

Question Number: 16

REF. ITEM 24, COFFERDAMS, CRIBS & SHEETING IS TO BE COSTED PER THE NOTE FOR TEMPORARY SHORING ON DRAWING NO. 9. THIS REQUIRES PROTECTION FOR EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. WE THINK IT IS UNREASONABLE TO ASK CONTRACTORS TO PRICE THE UNKNOWN. PLEASE REVISE THIS NOTE TO COVER THE UTILITIES SHOWN WITH UTILITIES NOT KNOWN AT THIS TIME TO BE COVERED BY CHANGE ORDER.

Question Submitted: 11/9/2005

Question Number: 17

Re: Utility Relocations

Significant utility relocation must occur prior to starting construction on this project.

The proposal does not include a 4A note.

Please provide a 4A note.

Question Submitted: 11/9/2005

Question Number: 18

The proposal includes PN 109 - Dispute Resolution Board (DRB). On past projects, the proposal included a lump sum bid item for the DRB. At this time there is no item included on this project.

Is it ODOT's intent to have a DRB on this project?

Please clarify.

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