

# Ohio Department of Transportation

## Prebid Questions

Project No. 040510

Sale Date - 9/22/2004

Question Submitted:

Question Number: 1

Ref. 36- Erosion Control- The proposal shows the quantity as 40,000 each. The EBS file shows 40,000 each at \$1.00 unit price. Typically it is a lump sum item with a dollar allowance for the unit price. Should this be changed?

**The proposal note was revised in April 2004 to change this item from a lump sum payment to an each payment. The unit price will always be fixed at \$1.00, and the each number will be established by the Department. This was done to facilitate payment in CMS, because paying portions of a lump sum was difficult. Now they can use "each" and quantify the payments by the units paid.**

Question Submitted: 8/30/2004

Question Number: 2

Ref. #26- Concrete Barrier, Type D- are there any related pay items for the preparation work (excavation, removals, etc.)?

Question Submitted: 8/30/2004

Question Number: 3

Item 614- Maintaining Traffic:

Plan sheet 21, column 1 gives permitted ramp closures. The following paragraph in column 2 makes reference to a closure of I-280 SB Entrance Ramp at Manhattan Blvd., which is not included in the previous list of ramp closures. Is the contractor permitted to close this ramp or not and if so, what is the duration?

Question Submitted: 8/30/2004

Question Number: 4

Plan Sheet 21 gives an interim completion date of June 30, 2005 for "Noise Barrier Misc. I-75". Is this a misprint, or is there work to be completed on I-75 as well as I-280?

Question Submitted: 8/30/2004

Question Number: 5

Ref. 26 "Concrete Barrier, Type D"- Are there any pay items for any prep work for these locations?

Question Submitted: 8/30/2004

Question Number: 6

Ref. 26 "Concrete Barrier, Type D"- Are there any pay items for any prep work for these locations?

Question Submitted: 9/10/2004

Question Number: 7

Regarding excavation and embankment quantities:

Plan sheet 50 gives quantities of 23415 cy and 499 cy, respectively for the excavation and embankment quantities. Plan sheet 44 is referenced as the source of these two quantities. The grading plan on sheet 49 does give existing and proposed grades but no calculations as to how these numbers were derived. Can ODOT please provide backup calculations to the bidders for these quantities?

Question Submitted: 9/10/2004

Question Number: 8

Ref. 59: 451E10001 - 6" Reinforced Concrete Pavement, As Per Plan: The APP note on plan sheet 50 indicates that the construction shall be as detailed on plan sheets 44-46. The typical paving section P1 at the bottom of sheet 46 shows 204 subgrade compaction and 6" of 304 stone base.

Is payment for 204 subgrade compaction and the 304 stone base considered incidental to ref. 59 or will these items be paid under their respective bid items (13 and 53)?

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# Ohio Department of Transportation

## Prebid Questions

Question Submitted: 9/10/2004

Question Number: 9

I have some questions and comments regarding the pumps that were specified for the stormwater pump station on this project. These are as follows:

- 1) - The pumps specified are manufactured in France. I believe that, at the very least, U.S. built pumps should be acceptable as equal if they meet the conditions of service.
- 2) - The conditions of service that have been stated in the specifications are 1500 GPM @ 14' TDH. However, there are other conditions that have been listed in the specifications. These conditions are unique to the foreign pump specified. No two pump manufacturers will have exactly the same curve. I believe that the design conditions should be sufficient to describe the task required of the pump without the extraneous other points described in the specifications. These make the specifications proprietary. I would like to propose an American made pump that will accomplish the conditions of service and do so with a more efficient 1750 RPM motor rather than the 1150 RPM motor specified.
- 3) - The description of the sequence of operation of the controls is ambiguous. They describe a duplex system when the conditions are obviously for a triplex system.

Question Submitted: 9/13/2004

Question Number: 10

1. Where did the 40,000 each come from on item # 36- Erosion control?
2. Where is the excavation and Embankment paid for on the Noise Wall?
3. On Sheet 92 it calls for an A307 bolt and on sheet 89 it calls for an A36 Bolt. Which is it?
4. Can we drill in the Anchor bolts for the posts on the noise wall?
5. How do you want the Pile cap secured on the Precast Cover on the noise?
6. On Sheet 22 it talks about have a single crew designated to work with a certified horticulturist. Is the horticulturist to be on the General Contractor payroll? How much time is estimated for this? Is there going to be a separate pay item? How many men on a crew? Very unclear and needs to be explained more
7. What is the pH level and temperature of the 45" sewer at Ketcham St? What is one-half inch virgin color format?

Question Submitted: 9/13/2004

Question Number: 11

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7. What is the pH level and temperature of the 45" sewer at Ketcham St? What is one-half inch virgin color format?

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## Ohio Department of Transportation Prebid Questions

Question Submitted: 9/14/2004

Question Number: 12

1. Does ODOT have any information on records on the maximum water elevation reached in the existing retaining pond (ie 1 year, 5 year, 10 year, etc.)?
2. Soil borings were provided in the plans for the noise walls. However, no soil borings are shown to the depth of or are in the area of the pump station (ref. 48). Can ODOT provide soil borings for the pump station?
3. (R4)- Detail 3 (plan sheet 46) shows filling the existing hopper and 24" RCCP with class B concrete to the pump station.  
(D1)- Control Structure Plan (plan sheet 46) shows the existing 24" outlet sewer to be filled with item 613 low strength mortar and top of the hopper to be type 451 reinforced concrete.  
(R4)- Typical Demolition Section (plan sheet 47) shows filling the remaining portion of the structure to be abandoned and 24" RCCP with item 613 low strength mortar.  
These three details do not agree. Please clarify what type of material is to be used and where.
4. Details on plan sheet 48 show waterproofing the exterior only with type A coating per the specifications. Notes on plan sheet 58 (Concrete Coatings, Part 3- Execution, 3.2 Application, A. Type A, 1) states type A shall be applied to all new cast-in-place and precast walls in contact with water from top-to-bottom to within six inches of grade line and the underside of concrete slabs in wet wells and vaults.  
Is a coating required to be applied to the interior pre-cast concrete walls of the 144" pump station? If yes, what type of material?

Question Submitted: 9/14/2004

Question Number: 13

We are interested in bidding the pumps and accessories specified on page 53, 54, 55 and shown on page 48. We question the conditions of service specified on page 54. We do not see how the pump could ever see the condition of: 200 gpm at 73' tdh or 1645 gpm at 8.5' tdh. We assume that the variance between the middle two conditions is due to the wet well level. The standard solids handling capacity is usually 3" not 4". Your specification is very specific to the foreign manufactured pump, which usually means that this is the only acceptable pump. We represent F.E. Myers, an Ohio manufactured pump, and would like the opportunity to offer a proposal on this particular station. However, your spec is very specific to the named product. We would provide an oil filled motor not air filled. Our seal leak probe is in the secondary seal chamber to warn of a seal failure before the water enters the motor. Your specification calls for this sensor to be in the motor chamber. By having the sensor in the motor chamber you will not get a warning until water is in the motor. We would like the opportunity to quote this station but will not do so if you are committed to the current specification for this project. We respectfully ask that you keep us in mind on any future pumps. Myers is located in Ashland, Ohio and has been in business since the late 1800s. Tri-State is located in Hanoverton, Ohio. We also represent Fairbanks Morse out of Kansas City, Kansas and ESSCO Pumps and Controls out of L.A., California.

Question Submitted: 9/14/2004

Question Number: 14

Item 64 - Sealing concrete surface APP, What will be required to prepare the surface before sealing?

Question Submitted: 9/16/2004

Question Number: 15

- 1) Considering the "As per plan designation-Proposal Note" on page 10 of the Proposal, just how does this impact the project completion dates shown on sheet 21 of the plans? Example:

The sequence of operations note states that the Seaman to Greenbelt project will not be completed until an estimated date of June 30, 2006. The completion date for Project 040510 is June 30, 2006. What is the contractor expected to do as it relates to the work in this area? Is he not to enter this area until the estimated completion date, which also happens to also be the date of completion for Project 040510?

Example:

The "Project Completion Dates" note in the center column lists:

Noise Barrier Misc. I-75	June 30, 2005
Noise Barrier 7, 8, 9 9A	July 31, 2005
Landscape Walls/grading (E. Toledo)	July 31, 2005
Remaining Work	Nov. 30, 2005

If the remaining work is to be completed by November 30, 2005, for what work is the June 30, 2006 completion date covering?

- 2) On sheet 23, the last sentence in the fourth paragraph is incomplete.
- 3) On sheet 24, the last sentence in the first paragraph below the table is incomplete.

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## Ohio Department of Transportation Prebid Questions

Question Submitted: 9/16/2004

Question Number: 16

#1 - Refer to plan page 23 of 160

Notes on the right side of the page:

a) the wording of the second paragraph seems incomplete and we are not sure if we are to perform repairs to the sewer if any are found.

b) the fourth paragraph ends in a mid sentence. Please clarify or complete this paragraph.

#2 - During our site visit to the project we observed existing temporary lighting that is near or will conflict with the construction of soundwalls #9A & #7. When will these light systems be removed or will they remain in place during the soundwall construction?

#3 - The exit ramp from I-280 northbound to Munding Dr. south of Starr Ave. is presently closed. Will this ramp be re-opened prior to or during this contract so trucks hauling dirt to the designated waste area near St. Rt. 51 can use this ramp to return to the project (Storm basin work area)? Travel time for trucks will vary depending on the status of this ramp.

**SE Quadrant, start Mar.15,2005 ... end May 31,2005**

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