

Ohio Department of Transportation

Prebid Questions

Project No. 040350

Sale Date - 6/4/2004

Question Submitted: 5/20/2004

Question Number: 1

The 20' x 10' three sided box culvert to be installed on Shuffel Dr. near Sta 104 is very close to the high voltage overhead electric lines. Is there a minimum distance the power company requires a crane to be from their lines?

A1) 9,831 DOLLARS; A2) OSU will provide the trees, the contractor does not buy them; A3) OSU has confirmed that the tree ARE available.

Question Submitted: 5/20/2004

Question Number: 2

The 20' x 10' three sided box culvert to be installed on Shuffel Dr. near Sta 104 is very close to the high voltage overhead electric lines. Is there a minimum distance the power company requires a crane to be from their lines?

Yes, there is a minimum distance. The contractor should refer to the National Electric Safety Code relative to clearance requirements from electric power lines. The line at station 104+35 running North / South is 69 KV. He should also refer to the Utilities Note for additional information.

Question Submitted: 5/24/2004

Question Number: 3

Will ODOT consider lowering the percentage of the Bidding Contractors self performed work from 50 percent to 40 percent?

Question Submitted: 5/25/2004

Question Number: 4

In regards to Reference No. 119, the proposal specifies a 36" casing pipe. The carrier pipe is to be Reference No. 101, 24" 706.02. I have contacted both of the concrete pipe manufactures in the project area and they both no longer make pipe with a bell that does not stick out beyond the barrel of the pipe in a 24" diameter. In both cases the outside diameter of the bells are 35 5/8". The 36" casing pipe refers to the outside diameter of the casing pipe. The specification calls for 1/2" wall thickness which leaves a 35" inside diameter. Would ODOT consider either changing the allowable carrier pipe or increasing the diameter of the casing pipe?

Question Submitted: 5/25/2004

Question Number: 5

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The district and central office have reviewed your question and have determined that the bidding documents are adequately clear. No addendum will be issued. We will not change the carrier or casing pipe. There are several manufactures online with a single step joint (ie. Bell and Spigot) and the outside bell dimensions ranged from 31" to 35 1/2". Also, some manufacturer's make a tongue and groove pipe for 12" on up. If you were jacking a 24" pipe, the joints would not be bell and spigot so there is 24" pipe out there with a smooth joint between sections. Reference one of the example listed below. <http://www.cbra.com/hydroconduit/drawings/drawing4.htm>

Question Submitted: 5/28/2004

Question Number: 6

Is a full-time traffic safety coordinator required while there is only work from Sta 63+90 on existing Shuffel Drive to Sta 97+50 on proposed Shuffel Drive and no work being performed on I-77?

Question Submitted: 5/28/2004

Question Number: 7

Is a full-time traffic safety coordinator required while there is only work from Sta 63+90 on existing Shuffel Drive to Sta 97+50 on proposed Shuffel Drive and no work being performed on I-77?

The traffic safety coordinator is for the entire project and the duration of the work as noted in the contract plans. The contractor should bid this item as specified in the plans. (18 months)

Question Submitted: 5/28/2004

Question Number: 8

In reference to the peat and unsuitable material removal detailed on sheet 23-E is it the intent to excavate the unsuitable material and place the Granular Fill Type F, APP without dewatering? If extensive dewatering is required how will it be paid?

The method of removing the peat is detailed on the revised Plan Sheet 23E that was sent to you. OGE has assured us that this method has been used by the Department for many, many years. No further addenda is necessary.

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.

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Question Submitted: 6/4/2004

Question Number: 9

PLEASE CLARIFY THE FOLLOWING QUESTIONS PERTAINING TO ADDENDUM #3. REFERENCE #402 'BORROW, USING GRANULAR MATERIAL, TYPE D, AS PER PLAN INCLUDING COST OF EXCAVATION'. THIS ITEM IS PAYED FOR IN TONS PLEASE CLARIFY THE FOLLOWING: 1) WHAT CONVERSION FACTOR DID THE STATE USE TO GET FROM "CY" TO "TONS" 2) IT APPEARS THAT THE STATE USED A TWO TO ONE FACTOR? EX. 26,120CY*2=52,240 TON TO DETERMINE THE BID QUANTITY? OUR QUESTION IS "WHAT IF THE GRANULAR MATERIAL TYPE 'D' FOUND LOCALLY CONVERTS AT SAY 1.5 TONS/CY? 3) AS THE TABLE SHOW'S ABOVE THE CONTRACTOR GETS PENALIZED FOR USING A LIGHT TYPE D MATERIAL? WHEREAS USING A HEAVIER MATERIAL WILL YIELD THE OPPOSITE? 4) AS THE ABOVE TABLE SHOWS WE BELIEVE THE ONLY FAIR WAY TO ALL PARTIES INVOLVED IS TO SEPARATE THE EXCAVATION OF THE UNDERCUT INTO IT'S OWN BID ITEM AND PAY IT BASED ON CUBIC YARDS? 5) AS THE ABOVE TABLE ALSO SHOW'S THE GRANULAR TYPE 'D' SHOULD ALSO BE PAYED FOR BY THE CUBIC YARD. WITH THE STATE AND THE CONTRACTOR DETERMINING THE TONS/CUBIC YARD CONVERSION PRIOR TO PLACEMENT? THIS WAY THE STATE GETS THE BEST PRICED MATERIAL CONVERSION AT BID TIME FOR THE GRANULAR MATERIAL TYPE 'D'? 2. ADDENDUM #3 PAGE 23-E SHOWS A TEMPORARY SURCHARGE IN METHOD 2 LONGITUDINAL SECTION. OUR QUESTION IS HOW DOES THE CONTRACTOR GET PAYED TO PLACE AND MOVE THIS SURCHARGE?

Thank you for your questions. 1) The amount of unsuitable material which will need to be excavated is an unknown, therefore contingency quantities have been set up. Given the method of placement, in-place volume of the Type D granular material cannot be measured; weight is the only measurable quantity. We respectfully disagree with your statement that the contractor will be penalized for using a Type D material with a lighter unit weight. The contractor has control of which material he supplies and can submit an appropriate bid unit price. 2) Payment to place and move the surcharge is included in placing the Item 203.

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