

Ohio Department of Transportation

Prebid Questions

Project No. 090498

Sale Date - 11/18/2009

Question Submitted: 11/10/2009

Question Number: 1

Are the Work Zone Traffic Signals to be included in the Maintenance of Traffic Lump Sum?

Yes, see CMS 614.10.

Question Submitted: 11/10/2009

Question Number: 2

1. It appears that the Shaft Length Above Rock and Total Drilled Shaft Length for all reinforced shafts is overstated by 10' each. For example on Shaft #1 the Total Length is 540.8-504.5 = 36.3'. The Rock Socket is 10' so the Above Rock should be 26.3'2. The information provided on sheet 30 for Shaft #87 appears to be incorrect.3. It appears that the beam length for Shaft #201 has not been carried to the summary.4. Due to the issue presented in question #1 above, the beam lengths appear to be overstated by 10' each.5. Please confirm that only 1 inclinometer housing is required on this project.

A1: Error has been corrected. See Addendum #1 and revised plan sheets.A2: Corrected by Addendum #1 and revised plan sheets.A3: Corrected by Addendum #1.A4: Corrected by Addendum #1 and revised plan sheets.

A5: Yes, only one inclinometer is required for this project.

Question Submitted: 11/10/2009

Question Number: 3

Ref. No. 2 PAVEMENT REMOVED is not designated as AS-PER-PLAN. The Pavement Calculations on Sheet 15/35 list this item as PAVEMENT REMOVED 3' DEEP. Please confirm that this item is to include the additional cost for pavement removed including excavation 3' below proposed grade.

This item includes excavation 3 foot below existing pavement grade. Thus, additional cost to excavate the 3 feet deep is to be included in this pay item. See typical section sheet 4 of 35.

Question Submitted: 11/10/2009

Question Number: 4

Will the Department allow the plug shafts to be offset towards the road from the pile reinforced shafts slightly? It will be very difficult to accurately drill between two shafts to install the plug shaft as shown on the plans. The reinforced shafts will likely be slightly larger than planned due to normal overdrilling, resulting in a gap that is less than 36" wide. Allowing the plug shafts to be offset will solve this constructibility issue and also allow these shafts to lock in to the reinforced shafts better.

Yes, the department will allow the plug piles to be slightly offset towards the roadway as long as the design intent is maintained. Plug piles must be touching the 36" reinforced shafts on each side of the plug pile with no measurable gap between the plug pile and the reinforced shaft.

Question Submitted: 11/10/2009

Question Number: 5

Please review all drilled shaft quantities on this project. It appears that some shafts have been double counted.

Yes, double-counted error has been corrected. Drilled shaft and steel beam quantities have been revised by this addendum.

Question Submitted: 11/10/2009

Question Number: 6

In the Maintenance of Traffic Sub-Summary it calls for Work Zone Edge Line, Class I, 740.06, Type 1. In the General Summary it calls for Work Zone Edge Line, Class I. Which is correct?

Correct pay item for general summary is "614E22200-Work Zone Edge Line, Class I, 740.06, Type 1" and is added above. Pay item "614E22000-Work Zone Edge Line, Class I" deleted. Changes made by this addendum.

Question Submitted: 11/12/2009

Question Number: 7

Is it known whether the excavated material in Bid Item 2 meets the criteria for granular embankment in Bid Item 6? If not, should the Bidding Contractors plan on importing this material? The excavated material along the slopes appears to not meet ODOT's requirements for granular embankment. Please advise.

Contractor should make provisions to import Bid Item 6, granular embankment, to meet CMS 203. It is anticipated that the removed material will not meet CMS 203. Provisions have been included in the plans for the estimated quantity of granular embankment needed to replace material removed under Bid Item 2, Pavement Removed .

Question Submitted: 11/12/2009

Question Number: 8

When does the Department anticipate construction to begin on the Project?

Construction may not begin until March 1, 2010. See addendum #1.

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: 11/12/2009

Question Number: 9

Will lane closures be permitted during construction of the piles?

Yes. Provision have been made in the plans for one-lane closure using signals. See maintenance of traffic sheets 8-12.

Question Submitted: 11/17/2009

Question Number: 10

Plan sheet 33/35 references the typical detail for the inclinometer housing. Plan sheet 6/35 states that the inclinometers are to be installed at the location shown in the plans. Please provide quantity and locations of teh inclinometer housings.

Only one inclinometer is to be installed. Location will be determined during construction by the District 9 Geotechnical Engineer or a representative from the Office of Geotechnical Engineering.

Question Submitted: 11/6/2009

Question Number: 11

Question #1 Item Code 524E94703 includes 5,690 LF of Drilled Shafts, 36" Diameter above bedrock. Item code 524E95000 includes 2,000 LF of plug pile drilled shafts 36" diameter. Reviewing the quantities, it appears as though the 2,000 LF of plug pile drilling is included in the 5,690 LF of drilled shafts above bedrock. Please provide clarification on what is to be included in the 524E95000 unit price and what is to be included in the 524E94703 unit price. Question #2 The total beam length for the W27X129 beams appears to be short by 44.2 LF. Please clarify. Question #3 Please confirm the length of shaft number 87.

A1: Quantity for Item 524E94703 "Drilled Shafts, 36" Diameter above Bedrock" is revised to 2,669 LF from 5,690 LF due to removal of plug pile quantities and other shaft length errors in the tables. Quantity revised by this addendum. Item 524E9500 "Plug Pile, 36" Diameter, Unreinforced" remains 2,000 LF. A2: Beam lengths for W27X129 have been revised to 1,291 LF from 1,627 LF due to revisions to drilled shaft elevation tables. Quantity revised by this addendum. A3: Length of shaft 87 should be 37.4 feet, not 30.0 feet. Correction made to plan sheet 30.

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