

Ohio Department of Transportation

Prebid Questions

Project No. 090290

Sale Date - 6/24/2009

Question Submitted:

Question Number: 1

I cannot determine how you came up with quantities for the following items: Line 6-203 Excavation, Line 8-204 Subgrade Compaction, Line 19-304 Aggregate Base. For example, on Sheet 109, where did you come up with the excavation, subgrade compaction, and 304 quantities?

We checked the quantities and find them correct. The question is how we came up with the quantities which we take as questioning the methodology used. Excavation, subgrade compaction and aggregate base quantities are based upon the area of curb, curb and

Question Submitted:

Question Number: 2

I cannot determine how you came up with quantities for the following items: Line 6-203 Excavation, Line 8-204 Subgrade Compaction, Line 19-304 Aggregate Base. For example, on Sheet 109, where did you come up with the excavation, subgrade compaction, and 304 quantities?

We checked the quantities and find them correct. The question is how we came up with the quantities which we take as questioning the methodology used. Excavation, subgrade compaction and aggregate base quantities are based upon the area of curb, curb and gutter, walk, curb ramps and islands as measured electronically. These areas are multiplied by a 4" depth for volume based units.

Question Submitted: 5/13/2009

Question Number: 3

Please review the subsummaries, the general summaries, and the proposal. The quantities do not seem to add up, as the interconnect general summary is not included in the proposal quantities. Additionally, if the interconnect work is to be part of the project as detailed in the plans, please modify the completion date to June 30, 2010 to allow for the scope of work.

A1) Please see addendum. A2) The District believes that the contractor has sufficient time to complete the work.

Question Submitted: 5/29/2009

Question Number: 4

Ref. 81 requires Railroad Insurance for this project. No information is provided for the Railroad, limits of coverage or track usage. Could you please provide this information in order to quote this item.

Please see addendum no. 1

Question Submitted: 5/29/2009

Question Number: 5

1. Will any turning movement count data be made available to the Contractor in order to perform Item 0060 633E72500 SYSTEM ANALYSIS? 2. Regarding Item 0060 633E72500 SYSTEM ANALYSIS, will the travel time study segments and routes be designated by ODOT/Fairfield? If so, what corridors will require travel time studies. Or will it be up to the Contractor to determine the most appropriate corridors, routes, and segments to be included?

"Fairfield will make whatever turning movement counts we have available to the contractor. We have counts for most every intersection, however some of them are a little bit dated. The City will determine the travel time segments. Route 4 from Woodridge to Symmes, Gilmore from I-275 EB Ramp to SR 4, Pleasant from John Gray to Nilles, River from Nilles to St. Clair, Mack from SR 4 to Winton; and Nilles from SR 4 to River will require travel time studies."

Question Submitted: 5/31/2009

Question Number: 6

Please clarify under item 804, fiber optic cable testing, app, the "2-point db loss." The industry standard for db loss is .3 db/km. Is this note .2 or 2.0? Please add a bid item and quantity for LEO. This item will be necessary to comply with the plan maintaining traffic, app note on sheet 83/203, "maximum safety of the contractor and the traveling public." Please revise the completion date. The 10/31/09 completion is an unrealistic date to complete this amount of work with the lane closure time constraints in the plans and to get the new system up and running. Please provide bonding details for the fiber optic armored cable, if required.

Question Submitted: 6/1/2009

Question Number: 7

Truncated domes app, general notes say walk removal included in unit price of truncated domes, there is a walk removal item what walk is included in the domes? 4" walk app general note includes removal of excavated material wouldn't that be included in excavation or embankment?

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: 6/1/2009

Question Number: 8

Two other pre-bid questions have requested time extensions with the District's response being negative. We are all interested in providing a high quality installation at a competitive price with a partnering relationship. Given the delays in the bid date, the contracts would not be issued until mid-June. Most fiber and traffic signal material has a 6-8 week lead time, so major material items would arrive mid-August. The contract requires system analysis which will take a minimum of one month to complete, so all material must be installed and operating by September 30, 2009. The contractor will need a minimum of two weeks after the fiber is tested to connect 54 controllers and get rid of system set up bugs that are normally encountered, pushing fiber completion back to mid-September. If all of the conduit and pole preparations were installed during the first eight week period, the contractor would have to install 118,270 feet of fiber cable, terminate and test in four weeks, approximately 29,600 feet per week. This would require 15 men to be working simultaneously the fiber portion only to meet this schedule. Nothing in the above proposed timeline is realistic given the site conditions, installation time restrictions and contract requirements. Also, the proposed schedule less than five months, however, the bid items include 12 months of field office in Ref. 85. Please reconsider the completion date.

Question Submitted: 6/1/2009

Question Number: 9

Please provide a detail for the mounting of the proposed overhead fiber optic armored cable. Need to know mounting height and distance required from existing overhead utilities. Some of the existing utilities are already below the signal pole mast arms. Cannot go below these.

Question Submitted: 6/1/2009

Question Number: 10

Please add a bid item for tree trimming or clearing and grubbing for the installation of the overhead fiber optic cables.

Question Submitted: 6/2/2009

Question Number: 11

WITH THE ADDITION OF SIGNIFICANT FIBER OPTIC CABLING AND OTHER ASSOCIATED WORK VIA ADDENDUM #1 THIS PROJECT CANNOT BE COMPLETED WITHIN THE TIME PERIOD ALLOWED BY THE CURRENT COMPLETION DATE. THIS IS A 13 MONTH JOB AT BEST. PRIOR TO THE ADDITION OF 12 MILES OF AERIAL FIBER THE FIELD OFFICE ITEM WAS FOR 12 MONTHS. THIS INDICATES THAT SOMEONE PUT SOME THOUGHT INTO THE LENGTH OF THE CONTRACT AS THAT WOULD HAVE BEEN ABOUT RIGHT. THE ITEM REMAINS AT 12 MONTHS BUT THE PROJECT IS CURRENTLY SET TO COMPLETE JUST 4 MONTHS FROM THE APPROXIMATE AWARD DATE. PLEASE MODIFY THE COMPLETION DATE TO REASONABLY REFLECT THE AMOUNT OF WORK DESIGNED AND EXPECTED.

Question Submitted: 6/22/2009

Question Number: 12

Several prebid questions have been asked regarding the completion date. Addendum 3 suggests that the completion date be modified to a more reasonable 7/31/2010. Has the completion date been officially changed to 7/31/2010?

Yes

Question Submitted: 6/23/2009

Question Number: 13

LINE 75 - Drop Cable, 6 Fiber - QTY 54 EADrop cables were quoted as 100 ft cables. Drop cable(s) as shown on plans total approximately 2.5 times that amount. Does the line item need to be revised or a new line item added?

Drop cables quantities are per "EACH" following the 804 supplemental specification. I do not understand the contractor's comment regarding 100' drop cables. For example, if the specific drop cable on the plan requires 200', the contractor is responsible for providing 200' of cable under the 804 EACH line item.

Question Submitted: 6/23/2009

Question Number: 14

LINE 112 - Slack Installation Where is the "slack" fiber optic cable accounted for? In the slack installation or the appropriate fiber optic cable line item? We pose this question because the cable quantity is considerable.

The trunk fiber-optic and drop fiber-optic cable quantities do not include extra cable for slack. This is covered by the slack installation line item.

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