

Ohio Department of Transportation

Prebid Questions

Project No. 088007

Sale Date - 2/13/2008

Question Submitted: 2/22/2008

Question Number: 1

What reference numbers are the Special Structure Misc.: Watermain Support Blocks to be paid under? Are the supports to be painted? Has an asbestos survey been performed on all of the bridges?

Question Submitted: 2/22/2008

Question Number: 2

Per Addendum #4, for estimating purposes please explain where the additional PCB is to be installed. On plan page 13/75, MOT Note #9, the plan note describes setting successive work zones. New Rd and Mahoning cannot be done simultaneously due to the waterline. New Rd. and Kirk Rd. cannot be done at the same time due to the detours. With anticipated steel deliveries and Mahoning Ave. construction extending into 2009, does the Dept. consider this section urban or rural? If it is rural will the Department waive the note on successive work zones to complete the project within the given time frames? What is the basis of payment for the additional waterline support brackets that were added per addendum?

The additional PCB is explained on sheet 13 note 14 the additional barrier was initiated by prebid questions to mimic the pier protection as shown for mahoning avenue for the other structures. The designations are on sheet 2. See the addendum and plan sheets for the item quantity and description for the brackets

Question Submitted: 2/22/2008

Question Number: 3

We have received Addendum #1. The Department's response on the completion date cannot be met and is unrealistic. Please consider extending the final completion date until October, 2009. The waterline supports for the New Road structure are missing from this addendum. Please issue Add.#2 with waterline support block assembly, 27 each. Will the department share their forming methods over the waterlines at New Rd. and Mahoning Ave. since stay in place forms in those bays are prohibited? Thank you.

Question Submitted: 2/22/2008

Question Number: 4

Would the Department please identify all of the changes from this project now that it has been changed to 088007 from 070530? Given the fact that we have already spent considerable time and resources before the deferral, having the changed information and references summarized would be a benefit to bidders.

see answer to below.

Question Submitted: 2/22/2008

Question Number: 5

Please provide a link to view the existing structure plans for the 4 bridges involved on this project.

<http://www.dot.state.oh.us/contract/ftp/attach/MAH-19911/>

Question Submitted: 2/22/2008

Question Number: 6

Concerning answer to previous pre-bid question concerning changes from project 530 to 8007. Please note the current bidding documents and addendum #1 do not address these changes. Addendum #1 has corrected the sidewalk concrete and waterline supports for ONE STRUCTURE ONLY. The issues mentioned may have been addressed in the plans but not in the proposal. The two bidding documents are not consistent what is correct?

Question Submitted: 2/22/2008

Question Number: 7

Do the previous pre bid questions for project 070530 still apply to this project? If so do they need to be addressed for this project per addendum? In general do pre bid questions not addressed in an addendum become part of the contract? My concern is as follows: a previous answer to a pre bid question concerning quantities for superstructure sidewalk concrete states the quantity bid includes the sidewalks on the approach slab. I would agree with this conclusion, but a plan note states the sidewalks on the approach slab are included in the approach slab. If the answer to the pre-bid question, without an addendum, does not supercede a plan note then will you please correct the quantity or delete this note so that the answer to the question agrees with the plans.

Please bid according to the current bidding documents. The previous pre bid questions have been added to the plan to the best of our knowledge less the sidewalk issues. The sidewalk quantities have been changed in the supplied addendum. This may not be a complete list however, additional barrier was added. Water line support . Lighting quantities Pavement restoration for pipe installation, removal of gas line and false work to be included in 202, New Road and Mahoning ave cannot be done at the same time in order to maintain water service.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 2/22/2008

Question Number: 8

Ref: 299The W 36 X 230 beams total 62577#. This section was replaced by the W 36 X 231 and is produced only by Nucor Steel. The next scheduled rolling date of this section is mid-May. Even if the fabricator's shop was ready and waiting for the beams, it is unlikely to expect delivery to the project by sometime in early June. This would leave less than four months to complete both phases of Mahoning Ave. by September 30th of 2008. This interim date and completion date of August 31st of 2009 are both unrealistic. Mahoning Ave. and New Rd. cannot be constructed in the same season due to the detour. Therefore Mahoning Ave must be completed in one season. Will the completion date be extended? On pages 143a and 162a, the new waterline supports are shown however an item in the proposal has not been added. Will an addendum be forthcoming? On pages 143a and 162a it is apparent that there is insufficient room between the bottom of the top flange and the top of the waterline for conventional falsework. Will stay in place forms be acceptable?

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Ohio Department of Transportation

Prebid Questions

Project No. 070530

Sale Date - 12/12/2007

Question Submitted: 11/28/2007

Question Number: 1

Can the "office calcs" be made available for the pavement quantities?

Question Submitted: 11/28/2007

Question Number: 2

Lighting - Page 90A Pay items for the (2) special reference items listed at the bottom of plan page 90a/175 were not carried to the general summary or proposal. Please add bid items for this work.

Question Submitted: 11/28/2007

Question Number: 3

ITEM #1 From the questions from various contractors it is obvious that PCB and Temp. Attenuators are required for the pier work at Western Reserve, Kirk and New Roads. Please provide a plan and quantity as is detailed on page 23 for Mahoning Avenue. This is a requirement to do this work. Please re-consider adding this item. ITEM #2 Unclassified Excavation at Structures Ref #213, 248 and 283 appear incorrect and severely overstated. ITEM #3 HP Sidewalk Ref #222, 257 and 292 appear incorrect and severely overstated. ITEM #4 Drainage item D4 on Mahoning Ave. is listed in the profile as 706.02 pipe. It is carried to the summary as Type B. Which type of pipe will be required? ITEM #5 New Road / Mahoning Ave. - existing waterlines The 4A notes do not inform the contractor what to do about the existing COY waterlines that are attached to the deck concrete. Will the City provide support?

Question Submitted: 11/28/2007

Question Number: 4

The link provided for the "office calcs" only has the already posted existing bridge drawings available, please update the link or ftp site.

Question Submitted: 11/28/2007

Question Number: 5

In regards to Add #3, this added quantity for PCB is understated. There should be at least 3000 LF added to original quantity. Also, to avoid confusion, it should not be as directed. This PCB is undoubtedly needed to protect work area along NB/SB shoulders. This should be included in the MOT as it is on the Mahoning Ave. structure.

The additional quantity is not intended to duplicate the protection as shown on Mahoning ave. The pier work at Mahoning Avenue is significantly more involved than the pier work at the other structures and involves excavation that needs to be protected. At the other structures, we expect any temporary supports would be outside of the clear zone. However, if these supports do end up in the clear zone, it will be up to the contractor to protect them as needed. While construction is on-going, they may already need to protect the median for their operations. Note that with a clear zone of 30' there should be about 10' on either side of the pier centerline to install inside the clear zone. This should provide sufficient room. The additional quantity is for the project engineer to direct its placement and insure the clear zone.

Question Submitted: 11/28/2007

Question Number: 6

Question #1 Will the Department consider the use of stay in place forms in lieu of conventional lumber forming systems for the superstructure decks? Question #2 Will the Department consider adding Item 530E00200, Special - Structure, Misc.: Pressure Washing of Existing Steel? This item is typical of the recent re-decking projects in this district and is not included in this proposal. We believe it is also necessary to perform the proposed bridge painting touch up.

Question Submitted: 11/29/2007

Question Number: 7

The utility notes state that Dominion's 6" gas line attached to the Kirk Rd. structure will be abandoned in place for removal by the contractor. Are the existing brackets attached to the fascia beam web required to be removed and ground flush or can they remain in place?

Question Submitted: 11/29/2007

Question Number: 8

Addendum No. 1 added a plan note for Mahoning Avenue Construction Phasing stating that all work, left and right side must be completed in one construction season from April 1 to September 30. Does this include the painting and sealing items? Please be aware that extra time for ODOT access and inspection will be required in order to identify areas As Directed By Engineer for repair painting.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 11/29/2007

Question Number: 9

The City of Youngstown 8" waterlines on Mahoning Ave. and New Rd. are mounted to the structure by hangers cast into the existing concrete bridge decks. The waterline is not mounted to the structural steel. On both structures, the existing decks are to be removed and replaced. How is the waterline to remain mounted to the bridge once the deck is removed? What type of hanger or bracket mounting system is to be used for remounting to the rehabilitated structures? How will this work be paid for?

Question Submitted: 11/29/2007

Question Number: 10

Can the existing bridge drawings be put online?

<http://www.dot.state.oh.us/contract/ftp/attach/070530/>

Question Submitted: 11/29/2007

Question Number: 11

1. Addenda #3 addresses an addition 600lf of PCB for addition pier protection. Mahoning Ave. requires 1290lf of PCB and 2 temp. impact attenuators to protect pier work both in the median and outside shoulders. Since the scope of work on Western Reserve, New Road and Kirk Road is similar to Mahoning Ave., shouldn't there be similar PCB quantities and temp. impact attenuator quantities set up for the other 3 structures as well. 2. After reviewing the drainage items, it appears that there is several runs of 12" conduit call out in the plan and profile to be either Type C or F conduits but were carried to the general summary as Type B conduits. Please clarify.

We believe the protection of the piers and the MOT for the other structures is sufficient. The additional protection is to ensure the clear zone is maintain and it is not to duplicate the Mahoning Avenue Protection. Answer without knowing which pipes that were not carried over to the general summary as type F or C It is difficult to clarify. However generally Type B are storm sewers under pavement Type c are storm sewers not under pavement and Type f are storm sewers on steep grades. At this time please provide additional information regarding specific pipes not carried to the Gen Summary or bid according the quantity in the general summary and noted in the proposal.

Question Submitted: 11/29/2007

Question Number: 12

Ref. #'s 209, 244, 279, and 321, are all for the vandal protection fence. The plans refer us to the VPF 1-90 standards. There are plan notes on pages 96, 108, 113, 131, and 149, that state the color is to be black. We are assuming that is only for the fabric and ties per the standards, and not referring to all other material, such as post, rails, and bases. Thank you, Mark Winkler

Everything associated with the VPF should be black (fabric, ties, baseplates, and posts). The Item 517 Twin Steel Tube Railing should be finished according to the CMS.

Question Submitted: 11/29/2007

Question Number: 13

Per your response concerning sidewalk concrete will you please address the note stating concrete and reinforcing steel in the sidewalks on the approach slabs shall be included in the approach slabs for payment. Will the reinforcing steel remain in the approach slab for payment?

Question Submitted: 11/29/2007

Question Number: 14

Note #1 on sheet 154 says to pour the abutment diaphragms 48 hours before the deck and note #9 on sheet 158 says to pour the abutment diaphragms with the deck pour. Which one is correct?

Question Submitted: 11/30/2007

Question Number: 15

I can not find any 4-a notes for this project. Several structures have utilities attached to the structural steel. These structures are being raised and it is very important to address these utilities and any underground utilities around the structure. Please inform me of when this information will be available.

Question Submitted: 11/30/2007

Question Number: 16

What is the single-slope D-wall (item 622) support to set on since there is no footer shown in the standards? Compacted dirt?

Question Submitted: 11/30/2007

Question Number: 17

For Item 622 single-slope D-wall there needs to be items for 3-Conc. Barr. end-sections (RM 4.6) and also an end-anchorage (RM 4.5) paid as each.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 11/30/2007

Question Number: 18

Two questions 1) The steel plates required in the pier caps for Kirk and New Roads are included in class c concrete with no explanation of material requirements, drawing approval or fabrication approval. Are the studs included? please clarify. 2) The sidewalk concrete for Kirk and New Rd needs explained. does the plan quantity include the approaches or parapets? If not this item is overstated. Please clarify.

Answer 1) The steel plates in the shear keys shall be ASTM Grade 36 steel and should conform to the requirements of Item 513 Level UF. Answer 2) Answer Sidewalk quantity includes sidewalk concrete on the approach slabs and bridge deck only and does not include any of the parapet.

Question Submitted: 11/30/2007

Question Number: 19

concerning Ref 179 unclassified excavation this ref seem to be understated. The plans do not show the limits of the excavation but compared to the other structures on the project this item is less than one third with more work. It is normal practice in rehab work to excavate to a 1 to 1 slope behind the abutment to obtain safety and proper compaction when backfilling. Per specifications this backfill needs to be premium material. Please clarify the limits of the excavation. If the quantity is not changed and additional excavation is needed what material will be required for this backfill?

On Western Reserve road structure 6.10 CMS 202 work consists of removing, wholly or in part, and disposing of all ... structures ... This work also consists of backfilling the resulting trenches, holes, and pits... Backfill the cavity created by the removal item according to 202.02, except when the cavity lies within the limits of subsequent excavation or other work. CMS 202.14 Payment is full compensation for all work involved in the removal ... or disposal of structures and obstructions, including excavation and backfill incidental to their removal... CMS 503. work consists of ... excavating materials not removed under other items of work that must be removed to enable construction of bridges, and other structures. We agree with the 1 to 1 slope behind the abutment if additional material is required to it would be under 503 please bid according to plan.

Question Submitted: 11/30/2007

Question Number: 20

Concerning traffic control on rt 11 for pier cap replacement. The plans address shoulder closures and barrier for the pier work on Mahoning Ave. Similar traffic control will be needed on the other structures. these pier caps are being replaced the existing structural steel will need to be supported from the ground. I would think these supports need to be protected with barrier. Since barrier is shown for the same work on one structure please add additional barrier to the others to help make these plans similar.

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