

Ohio Department of Transportation

Prebid Questions

Project No. 100296

Sale Date - 5/20/2010

Question Submitted: 5/12/2010

Question Number: 1

Bid reference 178 is for 560 feet of 10"x8' Conduit, Type A, 706.05. Per the Undercutting of Stream and Culvert note on sheet 25, we are to set the culvert on 12" of #304 stone and backfill the remainder of the undercut area with item 203 embankment. Cross section sheets 53-57 show the sections of the undercut area and box installation. Please verify that we can backfill the box culvert with 203 embankment material and no granular material will be required along the sides and above the top of the box culvert as specified in the 603 spec for type A conduits. Will there be any special requirements for the area within 2 feet of the sides of the box or above the box in order to prevent damage to the box during compaction of the 203 embankment material?

Backfill around the culvert per the requirements of CMS 603. The remainder of the undercut area should then be backfilled with Item 203 Embankment. This is as described on sheet 25, notes F & G.

Question Submitted: 5/13/2010

Question Number: 2

It appears that the 404 Permit has expired.

The permit has not expired. Coordination was done by the Department with the US Army Corp. of Engineers and the Ohio EPA to ensure any changes made were within the original permit determination. Documentation to that effect is included with the special provision package. The permits are still valid as indicated by the special provisions. The 404 permit will not expire until March 18, 2012.

Question Submitted: 5/14/2010

Question Number: 3

Please publish the office calcs listed in the general summary.

Question Submitted: 5/14/2010

Question Number: 4

Can the sheetpile adjacent to the pond be removed after the 10' x 8' box culvert has been backfilled to the springline elevation of the culvert? Specification 603.05-B requires compacted embankment to be placed to a width of approximately the SPAN + 4xSPAN = 58'4" (23'4" on each side of the box culvert). This detail is shown on DM-1.4. This width may not be possible due to the sheetpile and hillside on each side of the box culvert. Do the plan sections on sheets 53 to 57 override the 603.05-B specification requirement?

ANSWER: The Contractor is responsible for the design and plan for the cofferdams, cribs and sheeting. It is their responsibility to determine when the sheeting can be removed. This project requires the placement of 10' x 8' precast reinforced concrete box sections which are 706.05 items. Under CMS 603.03, 706.05 items are defined as long span structures, therefore will be constructed as per the details on sheet 2/2 of DM-1.4.

Question Submitted: 5/19/2010

Question Number: 5

Do you have the bottom elevation of the existing pond adjacent to the proposed 10' x 8' box culvert?

The lowest pond bottom elevation obtained was 1140.6 near the south end of the pond. No addendum will be necessary for this prebid question.

Question Submitted: 5/6/2010

Question Number: 6

1. What does SS 800 (Revisions to the 2010 C&MS) have to do with this project, since we are using 2008 specification?

As stated on the Title Sheet, it is SS 800-2008 which applies to the 2008 CMS.

Question Submitted: 5/6/2010

Question Number: 7

Is this project part of the SS 802 pilot study; does PN 603 -1/16/2009 Apply to this project?

NO.

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Ohio Department of Transportation

Prebid Questions

Project No. 090111

Sale Date - 2/25/2009

Question Submitted: 1/26/2009

Question Number: 1

On plan page 4 of 123, detail "A" shows that the Curb & Gutter Type 2 on SR 62 has a 11 inch thick gutter. Does the Curb & Gutter Type 2 on CR 77 (shown on page 5 of 123) also have an 11 inch thick gutter, or is it the standard 9 inches thick?

As per the plan, the CR 77 curb and gutter, type 2 has an 11" thick gutter.

Question Submitted: 1/26/2009

Question Number: 2

For Item 603-120" Conduit, Type A, 706.02:Specification 603.05-B requires compacted embankment to be placed to width of approximately $\text{SPAN} + 4 \times \text{SPAN} = 60 \text{ FEET}$ for the 120" concrete pipe (12" thick walls). This would require a cut width of 24 feet on each side of the 120" conduit. This detail is clearly shown on standard drawing DM-1.4, sheet 1. This width is not represented in the sections from sheets 53 to 57. 1. Are the requirements of 603.05-B Method B incidental to the 120" conduit and is this cut width even possible due to the hillside on the right side and pond/sheeting on the left side? Specification 603.10-C Type A&B Conduit requires a structural backfill equal to a width of 4 feet on each side of the conduit and to a depth of 2 feet above the top of the conduit. This detail is clearly shown on standard drawing DM-1.4, sheet 1.

2. Do the embankment end area takeoffs on sheets 53 to 57 account for the structural backfill that is incidental to Item 603? If the end areas do account for the structural backfill, will ODOT remove this embankment quantity from the contract?

Question Submitted: 1/26/2009

Question Number: 3

Can the sheetpile adjacent to the pond be removed after the 120" conduit has been backfilled to the springline elevation of the conduit?

Question Submitted: 1/26/2009

Question Number: 4

After spot checking some cross-section areas on sheets 53 to 57, it appears that the 120" conduit area above the existing grade line has been included in the embankment end areas. Reviewing sheet 25/123, some area has been removed at each station to account for the conduit area in the embankment end area, but it doesn't appear to correspond to conduit area shown in the cross sections on sheets 53 to 57. Please verify if the total area for the 120" Conduit has been removed from the embankment end areas on sheets 25 and 53 to 57.

Question Submitted: 1/26/2009

Question Number: 5

Please reference plan page 103 and the note 632 Power Service As Per Plan in the upper right hand corner. The last two sentences address the permit cost and power costs. In the C&MS Book page 546, 632.24 Power Service, the last two sentences of the first paragraph provide for compensation of these costs. With these costs being unknown this reimbursement was added to the C&MS Book. On this project these costs are still unknown, can the last two sentences of the plan note be waived and the C&MS take precedent?

The Contractor will have to bid this item as per the plan note on Sheet 103.

Question Submitted: 1/26/2009

Question Number: 6

Clearing and grubbing- plan note on sheet 7 calls to "remove all trees and stumps in heavily wooded areas within the construction limits under the lump sum bid for item 201, Clearing and Grubbing". If not mistaken, didn't ODOT already sell a separate clearing contract in December of 2008 for this site? Please clarify in an addendum.

Contractor will be responsible for removing any trees or stumps that have not been removed prior to award of this project. Most trees (although the stumps remain) have been cleared to prevent a conflict with the Indiana Bat cut-off dates. A field review of the project site would clarify this. No addendum is necessary.

Question Submitted: 1/26/2009

Question Number: 7

Ref. 72- 120" Conduit- plan sheet 95 shows flowline and invert elevations with a 2' difference. Cross-section sheets 53-57 show this conduit with a dashed-off area for the bottom 2'. Is this bottom 2' of this pipe to be filled with material, and if so, what kind of material?

Question Submitted: 1/27/2009

Question Number: 8

Part of the Phase 1 construction of the 120" culvert on relocated CR-77 involves a temporary closure of existing CR-77 per sheet 8/123. Sheet 25/123 requires a 90-day waiting period before final grading and paving in the culvert section of CR-77, which includes part of existing CR-77. Is it the intent of the Department to place temporary pavement at the culvert area of existing CR-77 when that segment is reopened after Phase 1, despite the 90-day waiting period per sheet 25/123?

The intent is to place temporary surface over the culvert trench. This surface shall be maintained from the Phase 1 reopening of CR-77 until the Phase 2B closure of CR-77. Quantities for the temporary surface are provided on sheet 8, under the Maintenance of Traffic, As Per Plan note.

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Ohio Department of Transportation

Prebid Questions

Question Submitted: 1/27/2009

Question Number: 9

Sheet 8/123 states that the contractor must open realigned CR-77 south of CR-168 at the end of Phase 2B before beginning Phase 3 construction. Part of that roadway is on an embankment over the 120" culvert, on which permanent pavement cannot be placed until the completion of a 90-day waiting period (sheet 25/123). Is it the intent of the Department to pay for temporary pavement in the culvert area or to have the contractor wait the full 90+ days between the construction of the culvert embankment and beginning Phase 3 construction? Please verify in an addendum.

Phase 1 includes culvert and embankment construction, settlement period, and construction of Phase 1 pavement through the intermediate course. No temporary pavement is anticipated for realigned CR-77. The intent of the construction sequence is to only close one leg of an intersection at any time, so as to provide reasonable access to the businesses throughout construction. The Contractor could proceed with other work beyond the settlement area, up to Phase 2B.

Question Submitted: 1/27/2009

Question Number: 10

Plan sheet 8 under Sequence of Construction- the contractor is allowed 7 calendar days for construction of the CR 168 tie-in. Note that CR 168 gets cement stabilization from stations 15+15.00 through 18+50.00. If ODOT wants this stabilized, then 7 calendar days for a closure is impossible. Please review and revise these constraints in an addendum.

Question Submitted: 1/27/2009

Question Number: 11

Ref. # 50 is a lump sum item for Type 2 waterproofing. Please show some details as to where this is used.

Question Submitted: 1/27/2009

Question Number: 12

could electronic files be made available including geopak files and cross sections(.xsr)?

Question Submitted: 1/27/2009

Question Number: 13

1) How will rock removal be paid for if encountered in the utility trenches?

Question Submitted: 1/27/2009

Question Number: 14

Sheet 8/123 states that the Contractor is to open newly constructed US-62 east of CR-77 after Phase 3 such that traffic will be running on existing US 62 west of CR-77 and proposed US-62 east of CR-77 simultaneously during Phase 4. Sheet 14/123 shows the phase line on US-62 between Phases 3 and 5 to be approximately at station 55+50. Sheets 28, 29 and 37 show a 12 foot elevation difference between existing and proposed US-62 at station 55+50. Assuming that traffic is supposed to run on existing and proposed US-62 simultaneously, how is the contractor to account for the 12' elevation difference? Please verify in an addendum.

Per the last sentence under Phase 3 sequence of construction (Sht. 8/123), local US-62 traffic shall be maintained via CR-168 and realigned CR-77 connection. This directs US-62 traffic around the 12' elevation differential, not through it. Note that the MOT plan sheets include Type III gates and barricades at this location for Phases 3, 4 and 5.

Question Submitted: 1/27/2009

Question Number: 15

In the cross sections for US 62 (sheets 31-42), a cross-hatched area is deducted from the earthwork quantity to be paid as Item 202, Pavement Removed. Part of the deducted area includes 8' wide asphalt shoulders. The shoulders are not included in the plan quantity for Item 202, Pavement Removed and are also deducted from Item 203, Excavation. How is the removal of the 8' shoulders on US 62 paid?

Question Submitted: 1/27/2009

Question Number: 16

Ref. 72- 120" Conduit: the entire length of pipe is within the cross-sectional area of undercuts (see plan sheets 53-57). Granular bedding for this item is already being paid under the #304 bid item (see sheet 25). ODOT specification 603.10-C-2 as well as standard drawing DM-1.4 (sheet 2 of 2) give requirements for granular backfill incidental to the 603 conduit item. Please verify that the cross-sectional end area takeoffs for fill are correct and do not include the area that would get granular backfill.

Question Submitted: 1/27/2009

Question Number: 17

There is no bid item for topsoil. Was this omitted or is this by design?

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Ohio Department of Transportation Prebid Questions

Question Submitted: 1/28/2009

Question Number: 18

Can the Office Calculations be made available?

<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/HOL-22776/>

Question Submitted: 1/28/2009

Question Number: 19

Is the cost for erecting and maintaining local detour signage on sheets 12-16 to be paid under the Lump Sum MOT bid item or the Detour Signing bid item? Since the department is responsible for the detour on sheet 11 (response to prebid question submitted 2/13), what is to be paid in the Detour Signing bid item?

Question Submitted: 1/28/2009

Question Number: 20

Who is responsible for signing the official detour shown on sheet #11?

ODOT will be responsible for the official detour as shown on Sheet 11 of the plans.

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