

Delaware Department of Transportation  
**FINAL QUESTIONS AND ANSWERS**  
**T200411210.01**

**SR 26, ATLANTIC AVENUE FROM CLARKSVILLE TO ASSAWOMAN CANAL**  
**Friday, September 20, 2013**

Q #	Question	Answer
37	E & S note 10 on plan sheet 423 states that temporary seeding of stockpiles is incidental to the contract. We request that the Department measure and pay for this since a bid item existing on the bid form. Will the Department measure and pay for temporary seeding of stockpiles?	In order to avoid any confusion in the field, Temporary Seeding required on the project, except for staging areas established outside the limits of construction (see General Note 5 on plan sheet 7), will be measured and paid for under Item 734017.
36	Project note 23 on plan sheet 8 indicates that the contractor is to provide at least 3 men and a backhoe, at a minimum, to be used at the discretion of the engineer for sediment and erosion control maintenance. We request that the Department define EXACTLY how many labor and equipment hours to include in our bid so all contractors are bidding the same thing.	This is a standard DelDOT note on all major earthwork projects. The Contractor shall determine how to spread the costs for the crew over the various Erosion and Sediment control bid items. This is a function of how well the Contractor controls and manages sediment and erosion throughout the project.
35	Project note 16 on plan sheet 8 states that construction safety fence is incidental to clearing and grubbing. However, an item for construction safety fence is included on the bid form. Will all construction safety fence be measured and paid or is it going to be incidental to clearing and grubbing?	To avoid confusion in the field over payment for Safety Fence, all safety fence required on the project will be measured and paid for under Item 727014.
34	The special provision for bid item 270, Stream Diversion, states that sand bags and sump pits are to be included in that item. However, bid items for sand bags and sump pits are included on the bid form. Please clarify if the sand bags and sump pits will be measured and paid separate from the stream diversion item.	Where the stream diversion item is utilized, the sand bags and sump pits will be incidental to the stream diversion item per the special provision. There are other locations on the job where sump pits and or sand bags will be utilized and paid under the respective items.
33	I understand that the answer to #22 stated that the bid date will remain 9/24/13, however with the posting of Addendum #1 on 9/18/13, many of our material suppliers and subcontractors are concerned with not being able to produce an accurate, reasonable quote in the short amount of time. Would it be possible for the Department to reconsider an extension?	The Department has considered this request and is not changing the bid due date.

Q #	Question	Answer
32	Why is Item 19 on Breakout sheet 7 100% instead of LF?	Item 19 (Jack and Bore 20" Casing Pipe) is specified as a Lump Sum item. The 100% would indicate full payment of the Lump Sum for the jack and bore casing pipe installation. Note that the carrier pipe inside the casing will be paid for on a linear foot basis.
31	On Plan Sheet 2.02 on the 14" force main after coming out of the wet well it appears on the plans to have a cleanout of some structure on the main. What does that indicate?	Item is a pump station bypass connection. Contractor shall provide capped wye for future installation of bypass by others. Costs shall be included in cost for bid item 753516, Breakout item 26, for wetwell installation.
30	Concrete pipe supplier indicates that 75 LF of 27" x 42" CL 5 is a class that cannot be made. They indicate that CL 4 is strong enough. Please clarify.	The department would be willing to consider an alternate elliptical concrete pipe design at this location during construction. All alternative designs will be subject to approval of the department.
29	Does MH 5 require a drop connection? The detail for drop connections show a inside drop inside a 5' diameter MH. MH 5 is not shown as a 5' diameter MH. Please clarify.	Note 4 under the drop manhole detail on plan sheet 586 states that "a drop manhole is not required when the difference in inverts is 2 feet or less". In this case, the drop is exactly 2 feet. Therefore a drop manhole is not required. Transition shall be made by sloping the manhole channel to accommodate the elevation change from invert out to invert in.
28	Where is the sanitary sewer profile from MH 28 to MH 29 found on the plans?	This run of 8" pipe is 21 feet in length. Due to the short run of pipe, a profile was not shown. However, the run from MH 28 to MH 29 shall be adjusted higher to accommodate the proposed storm drain. The invert out of MH 29 will be 9.3 and invert into MH 28 will be 9.24. Due to shallowness of sewer run, the sewer from MH 28 to 29 shall be DR-18 C-900 PVC. Payment for this 8" pipe to be made as part of Item 753516, Breakout item A-9.
27	On Plans Sheet 8 under Note 10, why would signs that are damaged by DelDOT snow removal forces be incidental of our bid item 743000?	Warning signs are paid for on an "EA-DAY" basis. The intent of the note is to provide maintenance to minimally damaged signs that can continue to be used on the job. Until they are back in service, the EA-DAY payment cannot be made. If the damage is severe, a new sign must be provided and that new sign will also be paid for on an EA-DAY basis. The costs for maintenance due to repairable damage were felt to be minimal so that risk was assigned to the Contractor with costs to be bid as part of the Lump Sum Maintenance of Traffic Item 743000.

Q #	Question	Answer
<b>Wednesday, September 18, 2013</b>		
26	<p>Bid item 612224 cannot be manufactured. The wall thickness of the elliptical pipe is not sufficient to counter sheer forces for the Class 5 design.</p> <p>A proper LRFD design has been completed for this particular item and a Class 4 pipe (which is common) is more than sufficient for this installation. This design has already been sent to the Bridge Design for review.</p> <p>Please review the need for class 5 in this instance.</p>	<p>The department would be willing to consider an alternate elliptical concrete pipe design at this location during construction. All alternative designs will be subject to approval of the department.</p>
25	<p>Would DOT approved HDPE pipe be accepted in lieu of RCP pipe on this contract?</p>	<p>No.</p>
24	<p>Please confirm that items 709518 – Sanitary Cleanouts, 710507 – Adj/Repair Sanitary Cleanouts, and 753000 – Adjust Sanitary Lateral are independent of the work included under Item 753516 – Sanitary Sewer System and identify where these items occur. If this work is not independent and is a duplicate of what is to be included in Item 753516, will the quantities be corrected?</p>	<p>Items 709518, 710507, and 753000 are to be used to construct or adjust sanitary sewer clean-outs or laterals located on currently existing sewer lines. Cleanouts to be constructed on newly installed facilities as detailed on the sanitary sewer plan sheets 573 through 589 are to be included in item 753516.</p>
<b>Monday, September 16, 2013</b>		
23	<p>The breakout sheet for Item 737523 – Planting has couple of issues. The first and last pages list a Total for the item. Please confirm that the total should be provided for the last page only. Second, the line item for “Watering” lists a quantity of “1” and a Unit of Measure (UOM) of “EA” yet the description for that item indicates the unit of measure as “M/GAL”. The Department typical lists this item as M/GAL. Please advise how this item is to be handled on the breakout sheet.</p>	<p>The breakout sheet has been updated. Watering is now shown as a Lump Sum item. The Contractor is responsible for watering the plants in accordance with note 9 on sheet 453. This is reflected in Addendum No. 1.</p>

Q #	Question	Answer
22	With the size of this project is there any chance this bid date could be extended given the lateness of this project advertisement?	The bid opening date will remain September 24, 2013.
21	Where are the 18" personnel grates shown on the plans?	See construction plan sheet 38.
20	The quantities of many of the RCP and Flared End sections do not agree with the Plan Sheet takeoffs. Please clarify.	A contingency was added to these items. The bid quantities should be higher than noted on the plan schedules.
19	Is bid item 612026 supposed to be 30" RCP CL IV instead of CL V?	The pipe is a 30" class V. See addendum 1.
18	Plan Sheet 48 requires the contractor to remove well (Station 118+50 Lt). Is this well to be abandoned and if so we need to know the diameter of the well casing and the depth of the well.	This well is assumed to be 4" diameter and 50' deep. The well shall be abandoned by DNREC standards by a certified well driller. All costs shall be incidental to item 211000 – removal of structures and obstructions.
17	Where are the buildings to be demolished under item 211503 shown on the plans?	See response to Question 3. Building to be demolished is at station 15+50 LT. This has been clarified in addendum 1.
16	Is the quantity for bid item 743551 correct?	Yes, see plan sheet 208.
15	Based on DelDOT standard specs all pipes under 24" diameter requires Borrow Type C backfill to be incidental to the pipe being installed. Given the material we will be encountering in the pipe excavation will the contractor be required to haul away this material and replace with borrow Type C backfill material.	If the existing excavated material meets the material requirements for Borrow, Type C, including proper moisture content, it may be used for pipe backfill. Excess pipe excavation may also be used for roadway embankment provided it meets the requirements for Borrow, Type A.
14	Where are the two each 66" x 30" inlets (708054) shown on the plans?	These items were included as contingency items for potential use in the construction phasing.
13	There are a number of precast structures shown where the proposal quantity does not reflect what is shown on the plans. Please clarify.	We are unaware of any plan discrepancies. Please clarify with plan sheet number and station and offset of the structures in question.

Q #	Question	Answer
<b>Friday, September 13, 2013</b>		
12	The Utility Statement (pages 230 & 231) for the Town of Ocean View references 120' of 12" pipe to be directional bored. This is also shown on the plans on sheet 555. Which item on the breakout sheet for Item 614508 – Water Main is this work to be included under?	This length of pipe will be installed by Tidewater Utilities under a separate contract and is not included in the Lump sum item
11	Please advise where Item 272502 – Energy Dissipator is? Are there plans, details, or both? I am having trouble locating it.	The Energy Dissipators are noted on plan sheets 38 and 51. Energy Dissipator schedules are located on these sheets as well. The Dissipators should be constructed as per the standard DeIDOT Construction Detail E-26.
10	The answer to Question 7 does not address the question of whether or not the breakout sheet will be revised.	The breakout sheet is revised in addendum #1.
9	On the Summary Sheet Line 8 (Item 202000) is not carried down to Line 16 on the summary sheet. Is this material unavailable for embankment due to staging constraints, failure to meet the design criteria, or unsuitability of the material or should the summary sheet be adjusted? The material appears to become available in later stages of the project.	The earthwork summary is revised in addendum #1.

Q #	Question	Answer
-----	----------	--------

**Thursday, September 12, 2013**

8	Following up on the answer to Question #2 – The structure in question is marked as RM/O, meaning Remove By Others. This conflicts with the answer to the question. Will this designation (RM/O) be changed or is the structure to be removed by others?	The structure is to be removed by the contractor. The designation of RM/O is incorrect and hereby stricken.
7	Following up on the answer to Question #4 – The Breakout Sheet for Item 265500 Stream Diversion conflicts with the answer to the question. Will the breakout sheet be corrected?	There are 4 stream diversions; pay item 207501 is used for the bridge replacements as shown on plan sheet 172, note 23. Pay item 265500 is used for stream diversions at Sta. 20+15 on plan sheet 35 and Sta. 143+36 on plan sheet 50.
6	Are the electronic versions of the drawings and documents available for the contractor's use prior to bid?	No.
5	Will DelDOT consider making the Project Cross Sections available to the Contractors prior to the bid?	We will not make cross sections available to bidders prior to bid. The contractor that gets awarded the contract will have cross sections made available to them.

**Monday, September 09, 2013**

**Thursday, September 05, 2013**

4	Sheet 172, Note 23 and Sheet 177 mention the stream diversion is incidental to Item 207501 – Sheeting and Shoring; however, an item exists for Item 265500 – Stream Diversion with a breakout sheet for the 2 bridge locations in question. Please confirm that the costs for the stream diversion will be paid under Item 265500 and not 207501.	Stream Diversion is incidental to Item 207501 - Sheeting and Shoring for both the Bridge replacements as per the note on sheet 172. Item 265500 Stream Diversion shall be used at two other locations, at approximately station 20+15 and 143+36.
---	---	---

Q #	Question	Answer
3	Special Provision 211503 mentions a price breakdown for the lump sum bid amount but does not include a breakout sheet. Is one required with the bid and if so, will the Department provide the form?	There is only one structure that will require demolition, at station 15+50, left. No breakout sheet is required.
2	Please identify the location of the building demo (211503). I am having trouble locating it.	The location is station 15+50, left.
1	Can the Department issue an Excel file for the breakout sheets as they have done on occasion in the past? There are numerous breakout sheets with this contract and having an excel file would aid in preparing bids as well as reduce the chance of error.	<p>Excel breakout sheets will be posted to the following link:  <a href="http://deldot.gov/information/business/bids/excel/">http://deldot.gov/information/business/bids/excel/</a></p> <p><b>If using this link after filling out all breakout sheets, save the file to a disk and return with your bid. YOU MUST PRINT EACH BREAKOUT SHEET AND SUBMIT WITH YOUR PAPER BID.</b></p>