

Delaware Department of Transportation  
**QUESTIONS AND ANSWERS**  
**T201330009.01**

Yellow highlighting = previous questions answered in this posting: Q34.

**INDUSTRIAL TRACK GREENWAY PHASE III, NEW CASTLE COUNTY**  
**Thursday, March 17, 2016**

Q #	Question	Answer

**Wednesday, March 16, 2016**

34	Will this project require the use of domestic steel and hardware?	The project must meet the Federal Buy America provisions.
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**Tuesday, March 15, 2016**

33	Please reference Sheet 78 of 207, Typical Railing Elevation Spans 1 and 3. Please provide further information via sketch on the attachment between the eye bolts/continuous rod support/ and coil mesh. Our supplier is unable to locate a detail showing this interface and how these three pieces are secured together to form the completed railing unit.	The Typical Railing Elevation shown on Sheet 78 of 207 is intended to serve only as a schematic detail establishing the type of railing system to be constructed. It is the responsibility of the contractor to design a railing system, including all connections between railing components, that conforms to the type established in the contract documents. Reference applicable special provisions and plan sheet notes for more information. The connections between components of the railing system shall be designed and submitted by the contractor for review and approval as part of the railing system shop drawing submittal as indicated in the contract documents.
32	Are the glulam beams to be treated prior to gluing?	The glulam beams are to be pressure treated after all gluing, drilling, cutting, and fabrication is completed in accordance with AWPAs User Specification U1-15 as indicated in the Contract Documents.
31	In order for the contractor to obtain Railroad Insurance the carriers need to know the speed of the trains through the project site.	The maximum speed of the trains is 15 MPH. This is a freight line with an estimated 6 trains per day.

**Friday, March 11, 2016**

30	For span 16 of the DEEC Bridge (185' steel prefabricated bridge), is the bearing design and materials at the discretion of the supplier/designer or must they use elastomeric bearing pads?	Elastomeric bearing pads must be used.
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Q #	Question	Answer
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**Thursday, March 10, 2016**

29	Please confirm whether or not the contractor will be responsible for payment of the \$425 per day for a flagman when crossing the railroad as specified in Norfolk Southern's Special Provisions for Protection of Railway Interests.	DelDOT will directly reimburse Norfolk Southern for the flagging required for this contract. The contractor is not responsible for this cost.
28	Note 4.A on sheet 163 states that all equipment traversing wetlands and subaqueous land shall be supported on mats. This is echoed in specification section 601520, Temporary Timber Mat. However, specification section 202508, Wetland Access Road, Type 2 states that timber mats shall be used if necessary. Please clarify if we are to use timber mats.	Item 601520 – Temporary Timber Mat may be used anywhere within the Limit of Construction as deemed necessary by the contractor. Item 202508 – Wetland Access Road, Type II shall be used only where indicated on the plans and as deemed necessary by the contractor.
27	Note 2.B on sheet 163 states that no in water work can be performed from March 15 to June 30. Does this include working from or using a barge for deliveries to the site? Does this include work inside of cofferdams that were installed outside of these dates?	Pile driving in the Christina River, whether it is within a previously-installed cofferdam or not, cannot be performed between March 15 and June 30. Concrete placement that does not involve similar noise or vibration would be allowed. Typical navigation such as using a barge for deliveries to the site is not expected to have a meaningful impact on fisheries, so that work can be performed between March 15 and June 30.
26	Would you please clarify the size of Steel H Piles under the South Trail Retaining Wall. On Sheet PE-101 the size of the piles is shown as HP 14x73. However, we can find no other reference to this pile size on the Drawings. Are these piles HP 14x89?	All Piles for the South Trail MSE wall are to be as indicated on the MSE Wall Grade Beam and South Mat Pile Layout sheet (Sheet No. 47) of the Contract Documents. The text call-out for the HP14x73 pile on Sheet 41 will be deleted via an Addendum.

**Friday, March 04, 2016**

25	The Railroad Statement refers to the DelDOT Maintenance of Railroad Traffic Item in the Special Provisions. Is this section to be released in an upcoming addendum?	A specification for Item 763502 – Maintenance of Railroad Traffic will be added via Addendum No. 4.
24	Specification section 601537, Hardwood IPE Plank Decking states that the planks are to be placed tight together with no gaps. Section A-A on sheet 154 shows a ¼” gap between planks. Which is correct?	The gaps between adjacent IPE Hardwood Plank Decking shall be as indicated in the contract documents on plan sheet 154. The specification for Item 601537 - Hardwood IPE Plank Decking will be modified via Addendum No. 4 to reflect the gap widths indicated on that plan sheet.

Q #	Question	Answer
23	Specification section 745508, Bridge Mounted Conduit refers to an attached breakout sheet for this work. This breakout sheet was not included in the proposal.	The breakout sheet requirement has been waived for Item 745508 – Bridge-Mounted Conduit. The specification for this item will be modified via Addendum No. 4.
22	Please clarify who is responsible for dewatering and disposal of ground and rain water in the excavated holes containing contaminated soil?	The contractor will be responsible for dewatering and disposal of ground and rain water. Water from those excavations may be discharged onto the ground adjacent to those excavations if necessary.
21	The only means of access to the site, north of the river, is via the river or by crossing the completed river bridge. Are we responsible for providing access via the river to the river bridge north abutment for the Department’s vehicles that will be removing contaminated soil?	The contractor will be responsible for providing the Department’s vehicles access to any contaminated soil stockpile(s) that are located north of the river. Alternatively, the contractor may choose to stockpile those soils on the south side of the river to facilitate access for the Department’s vehicles by using the Industrial Track Trail, Phase 2.
20	Specification section 202508, Wetland Access Road , Type 2 states “The contractor is required to submit, as part of the bid proposal, his estimated breakdown of all quantities involved, and the dollar value assigned to these respective quantities, for each lump sum wetland access...” Where are we to provide this information with our bid?	This requirement has been waived. The “Basis of Payment” section of the Special Provision for Item 202508 - Wetland Access Road, Type II will be modified via an Addendum.
19	Please clarify the difference between bid item 160, Temporary Timber Mats and item 30, Wetland Access Road, Type 2.	Item 601520 - Temporary Timber Mat states that use of this item is intended for construction and staging of the wetlands boardwalk, if required. Item 202508 - Wetland Access Road, Type II, if required, is intended for construction and staging within the limits set forth in the Contract Documents for that item. If one or both of these access methods is utilized, the contractor shall provide a design for the specified access method in conformance with the Special Provisions.
18	The intent of item 760, Temporary Grass Seeding, Wet Ground is unclear. There is no item for permanent seeding. Is this item for both temporary and permanent seeding. Is mulch required to be placed? Is it incidental to this item?	Line 760 (Item 908512 - Temporary Grass Seeding, Wet Ground) is for both temporary and permanent applications. Mulch shall be placed within non-wetland areas only. No mulch shall be placed within wetland areas (as delineated on the plans). Mulch shall be incidental to this item.

Q #	Question	Answer
17	We respectfully request that a two week extension of the bid date to March 29, 2016 be granted in order to allow for a complete and concise package for the above referenced scope.	The bid date will be moved to March 29 in Addendum 3.
16	What concrete is paid for under bid item 190, Portland Cement Concrete Masonry, Class B.	MSE wall concrete grade beams and slabs.
15	Specification section 602772, Mechanically Stabilized Earth Walls in unclear as to what items the concrete and reinforcing for the mse wall mats and grade beams are paid for. Please specifically confirm which items this work is paid under.	Item 602002 - Portland Cement Concrete Masonry Class B covers the MSE wall mats and grade beams. Item 603000 - Bar Reinforcement is to be used for the reinforcing.
14	Note 12 on sheet 184 states we are to provide unit prices and quantities for the lighting fixtures with our bid. There are no items for the fixtures in the schedule of items. Where are we to provide this information with our bid?	Refer to the Bid Proposal document under the "Bid Proposal Forms" section. Lighting quantities are listed in "BREAKOUT SHEET - 2, ITEM 746559 - Bridge Lighting and Power". Bidders are required to provide unit prices within this breakout sheet.
13	What is the finish on the steel woven wire mesh panels? Galvanized or Stainless Steel? On sheets 78, 79 and 160 of the drawings it references stainless steel and on page 95 of the specs as well as the bid item list it references galvanized mesh paneling.	There are two types of mesh panels on different parts of the project. The panels shown on sheets 78 and 79 are stainless steel. Sheet 160 should reference galvanized wire mesh rather than stainless steel.
12	We would like to be considered an approved equal for lumber species for the structural glued laminated timber (601531 Materials 1.).	Southern Pine may be used as an acceptable alternate lumber species for Item 601536 as long as the reference design values for the proposed material species are equal to or exceed those specified in the Contract Documents. Furthermore, any design using alternate approved materials shall meet the requirements specified in the Contract Documents.

**Monday, February 29, 2016**

11	Are bid items 450 and 460 duplicates of bid items 340 and 350?	Line 340 (Item No. 618535) and line 350 (Item No. 618536) are for furnishing piles. Line 450 (Item No. 619564) and line 460 (Item No. 619565) are for installation of piles.
10	Can you tell us who the manufacturer was for the original prefabricated bridge adjacent to the Dupont Environmental Center.	We are not aware of the manufacturer of that bridge. A manufacturer name plate may be affixed to the bridge in a location that could be viewed by potential bidders.

Q #	Question	Answer
9	It was noted at the prebid that our only access to the project site is via water or crossing the completed Christina River Bridge. However, note 14A indicates that it is permissible to cross the Norfolk Southern Railroad in the vicinity of the Dupont Environmental Education Center. Please clarify.	As described at the pre-bid meeting, it is permissible to access the east end of the site by crossing the Norfolk Southern Railroad in the vicinity of the du Pont Environmental Education Center. More information on access at this location is provided in project notes 15A-15E on sheet 5.
8	Section 202560 Contaminated Material outlines contractor costs that we are to include in the standard excavation pay items? How are to price an unknown quantity of contaminated material? Is it not possible that pile spoils might have contaminated material as well? Where are costs for this material to be included?	As noted in the contract documents, the price for handling contaminated materials under item 202560 is incidental to items 202000 and 207000. Per item 202000 no unsuitable materials will be allowed in the formation of embankment. Per item 202560 the Department's environmental representative will designate which soils are contaminated and require segregation. The Department is responsible for providing and paying for the environmental representative, the transportation of contaminated materials offsite and the disposal of the contaminated materials.

**Friday, February 26, 2016**

7	Specs call for DCDT or linear potentiometer transducers. Can we use the vibrating wire transducers?	The use of Vibrating Wire Transducer (VWT) should be submitted for review by the Engineer. The GIE shall provide a statement indicating the advantages or reasons for using the VWT instead of the specified DCDT (or DC-LVDT) or Linear Potentiometer Transducer (LPT). The GIE shall also provide documentation that the VWTs are equal or better to the specified DCDT or LPTs in terms of performance. If at any time during construction, the Engineer suspects that the VWT is not performing as described by the statement from GIE, the Contractor shall install a new MPBX with the specified transducer (DCDT, DC-LVDT or LPT), at no additional cost to the Department.
6	What would the anchor depths be?	Refer to response to question no.5.
5	How many anchors will each MPBX have?	At a minimum, two anchors should be provided on each MPBX (one near the pipe's crown elevation and the other at the invert- Refer to Page 228, Installation of Geotechnical Instruments, part B).

Q #	Question	Answer
4	How much cable is required for the inclinometer?	The amount of cable required should be determined by the GIE according to the length required for the inclinometer casing length to become fixed and should consider the anticipated construction loads in the designated pipe crossing areas. As a minimum, 40' should be considered.
<b>Friday, February 19, 2016</b>		
3	We would like to be considered an approved equal for the pedestrian bridge in the above named project.	We have not specified any particular bridge for this project. All bridges meeting the specifications are acceptable.
<b>Friday, February 12, 2016</b>		
2	We would like to take a look at value engineering the approach spans to the arch bridge. Can we provide an alternate price if we see any savings? Also, we would back it up with design calculations once the job has been awarded.	No, you cannot provide an alternate price. You must bid the contract as advertised. If you are awarded the contract, you can then discuss/submit a value engineering proposal. Refer to Supplemental Specifications to the August 2001 Standard Specifications (Revised November 24, 2014) Section 104.12.
<b>Tuesday, February 09, 2016</b>		
1	I was wondering if someone could tell me what the process is for subcontractors. Is there a particular or separate process for that?	For construction subcontractors on DelDOT projects; there is no registration requirement. Awarded firms can add subcontractors at any time, subject to the subcontractor having; <ul style="list-style-type: none"> <li>- a written subcontract agreement,</li> <li>- a Delaware business license,</li> <li>- no debarments or exclusions,</li> <li>- remains in good standing with the Department.</li> </ul>