

Delaware Department of Transportation
FINAL QUESTIONS AND ANSWERS
T200507303.02

BR 3-156, INDIAN RIVER INLET PARK ENHANCEMENTS, SUSSEX COUNTY
Friday, August 16, 2013

Q #	Question	Answer
Tuesday, August 13, 2013		
34	What is the radii of the promenade side of post?	Radius = 6.4576' The radii provided is for informational purposes only. Final dimensions shall be per the approved shop drawings.
33	What is the required radii of the inlet side of post?	Radius = 9.1253' The radii provided is for informational purposes only. Final dimensions shall be per the approved shop drawings.
32	On Breakout Sheet 763512 Items #9, #13, and #16 call for conduit and borrow. I assume trenching and backfill is included in this item? Are we not allowed to use the dirt removed during trenching for backfill? Please clarify.	Yes, Items #9, #13, and # 16 include trenching, backfill, and installing. Soils removed from the trench may be used to backfill the trench
31	On Breakout Sheet 763512 Item #18 calls for 3" -80 PVC. Is this supply only or does this include trenching, backfill, and installation?	Item #18 includes trenching, backfill, and installing. <input type="checkbox"/>
30	On Breakout Sheet 763512 Item #19 calls for a unit price for JB & Conduit Fittings. I can't find a description for this item. Can you clarify?	Line Item #19 will be deleted from the breakout sheet. JB's and Conduit fittings will not be counted separately but will be considered incidental.
29	Addendum 2 states : "Crushed PC Concrete Base Course must be reduced into particles meeting the gradation of GABC Type B....". Our understanding from the bid documents is, this material is the product of the ongoing project and the contractor will size the material to spec. Is DelDOT now saying that this material is or will be out of spec and if so, how much? We need this information to prepare pricing to re-crush/screen what DelDOT is providing? <input type="checkbox"/>	As stated in the response to contractor question #21, "The concrete will be crushed to the appropriate gradation by the current contractor on site." Therefore, the contractor that is awarded this contract (T200507303-BR 3-156 Indian River Inlet Park Enhancements) will not be need to size the crushed concrete to the specification because the intent is that the current contractor will process the concrete to the appropriate gradation.

Q #	Question	Answer
28	Please clarify if we own the concrete pad for propane tank at the Bath house. Shows on sheet 186. Is there only 1 or is there a pad for each bath house? Also, does the new shower building get one?	The propane tanks are to be buried. The "BATH HOUSE PROPANE TANK PAD" detail on drawing CD186 does not apply and is removed from the project. Refer to bid documents for location of propane tanks.
27	Please confirm that per addendum 1 "Drivable Grass" is approved as an equal to the other porous pavement products. It does not show "Drivable Grass" by Soil Retention Products, Inc. on addendum 2 issued 8/6/13.	Only products meeting the requirements of Item 401510 Pourous Flexible Pavement as modified in Addendum No. 2 shall be considered for the project.

Tuesday, August 06, 2013

26	Spec. section 074113 metal roof panels calls for a kynar paint system, All of the existing structures are plain galvalume. Kynar finish will NOT come with warranty requested .	Galvalume is acceptable.
25	Can a surveyor work on this job under a licensed Delaware PE and the surveyor not be licensed?	No, surveyor must be a Delaware Licensed professional surveyor.

Saturday, August 03, 2013

Wednesday, July 31, 2013

24	Will the questions asked at the Pre-Bid Meeting be formally answered? Specifically the question regarding the 10 year warranty issue for the handrail (noted on Page 15 of the Pre-Bid Meeting Transcript)? We have been unable to locate a manufacturer/fabricator willing to provide this warranty.	Specification 606510 Hand Rail Type 1 warranty years shall be revised in Addendum #2.
23	Section 017300-3.4-E of the Technical Specifications requires a property survey. What property are we to survey? All of the park property associated with this project?	Contractor is to provide services as outlined in specifications section 017300 –Execution, including, but not limited to, survey of the as-built conditions at project completion, unless noted otherwise by owner.
22	The Construction Plans clearly show, by shading, areas of 4" sidewalk and 6" sidewalk. The Material Callout Plans show all 4" sidewalk. What is correct?	The intent of Material Callout Plans was to depict the sidewalk scoring patterns, the specific P.C.C sidewalk shading and patterns were not shown for clarity purposes, please see the construction plans. Please see addendum #2 for revised Material Callout Plans

Q #	Question	Answer
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Tuesday, July 30, 2013

21	Item 302519 Crushed PC Concrete Base Course. Some of the crushed concrete is not crushed to a GABC Type B gradation. Who is responsible for crushing the concrete to a GABC Type B gradation? In the original bid DeIDOT said that the material would be crushed to the GABC Type B gradation by the time the contract started.	The concrete will be crushed to the appropriate gradation by the current contractor on site.
20	Can you explain the meaning of Note 25 on Page 5 of the plans? Does the note mean that the contractor can change the grades to achieve a balanced site on the north side of the inlet?	The intent of note is to make the contractor aware that the contractor may be required to stockpile materials while constructing.
19	Can you provide a meter pit detail for the 2" meter pit shown on Sheet UT05, Pg 172 of the plans?	Please contact Sussex Shores Water Company for the most up to date water meter pit details.
18	Sheet 77 shows two (2) details for special sidewalks and labels them both special sidewalks I - item 705533. Should the detail on the right with the planter be special sidewalk II? The contracts plans call for special sidewalk II at the pavilions.	No, The planters are to be paid for under item 705533 PCC Sidewalk, Special I, as shown on detail Sheet 77.
17	For water lines less than 3" in diameter, can you use HDPE DR7 or DR9 pipe?	See 614686 Water Service System specification – materials section for the required pipe materials and DR ratings for the various proposed pipes.
16	What DR rating is the water pipe? 3" PVC gasketed pipe is not available in DR18. Is all the pipe DR21, which is available in gasketed joints or is all pipe 4" or larger DR18 and 3" and smaller DR21?	See 614686 Water Service System specification – materials section for the required DR ratings for the various proposed pipes.
15	How are you paid for the 2 new fire hydrants and leads shown on sheet UT02 and UT03? There is an item to adjust fire hydrants but not install them.	Furnishing and installing hydrants will be paid for under this 614686 Water Service System, item. Specification 614686 Water Service System shall be revised in Addendum 2.
14	We need manhole inverts and/or sewer line profiles to be able to bid the sanitary sewer work shown on the utility plan.	Per asterisk note on utility sheets, contractor to field verify the depth of existing sanitary systems.
13	Can the State provide cross sections or plans with existing and proposed contours for the Contract to check the excavation quantities shown on Sheet 6 of plans?	Cross sections for this project will not be made available until after award.
12	Page 46 of the proposal calls out payment by the cubic meter for Crushed P.C. Concrete Base Course. The Schedule of Items lists the unit of measure as cubic yards. Please clarify.	Specification 302513 Crushed P.C. Concrete Base Course shall be revised in Addendum#2.

Q #	Question	Answer
11	The Davis-Bacon Rates on page 33 lists what appears to be the Base Rates under the Fringes column. Please clarify.	The Rates are shown under the heading of 'Fringes'. There are no additional Fringes. The 'Fringes' column is the Rate.
10	Please provide the ASTM specification for the powder coating.	Specification 606510 Hand Rail Type 1 shall be revised in Addendum #2.
9	ASTM A325-10e1 Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength refers to hex headed bolts. Typically this specification is not used for anchor bolts and machine screws.	Specification 606510 Hand Rail Type 1 shall be revised in Addendum #2.
8	The requirement that the material for the rails and splice to be ASTM A-325 hot dipped galvanized steel is erroneous. Reference ASTM A325-10e1 Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength. If the railing is to be aluminum, then calling it out here as galvanized steel is a problem. The materials for the rails and splice cannot be made to a bolt specification	Specification 606510 Hand Rail Type 1 shall be revised in Addendum #2.
7	The requirement for fasteners, fittings, and anchors to meet ASTM A27 seems to be unrelated. Reference ASTM A27/A27M-10 Standard Specification for Steel Castings, Carbon, for General Application	Specification 606510 Hand Rail Type 1 shall be revised in Addendum #2.
6	The requirement for extruded aluminum alloy 6061-T6 is understandable. It is not clear how the aluminum pipe is to meet the ASTM A53 steel pipe specification. Reference ASTM A53/ A53M-12 Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless.	Specification 606510 Hand Rail Type 1 shall be revised in Addendum #2.
5	The requirement for cast aluminum alloy A-356 is understandable, but the reference to the steel specification A-36 is confusing. Reference ASTM A36/A36M-12 Standard Specification for Carbon Structural Steel.	Specification 606510 Hand Rail Type 1 shall be revised in Addendum #2.
4	Per the special provisions, the aluminum posts and rails shall conform to ASTM B117. ASTM B117 may be incorrect. Reference ASTM B117-11 Standard Practice for Operating Salt Spray (Fog) Apparatus.	Specification 606510 Hand Rail Type 1 and landscape detail sheet LSD-05 Page 149 shall be revised in Addendum #2.

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3	Should the joint material utilized be #8 stone or Top Soil as special provisions state?	Specification 401510 Porous Flexible Pavement shall be revised and issued in Addendum #2.
2	<p>Special Provisions 401510 - Porous Flexible Pavement States "The area of porous flexible pavement shall be ex-....etc..... The support system then be placed as per the manufacturer's recommendations" It then goes on to say that the porous pavement shall be filled and compacted with topsoil, seeded with permanent seed-dry ground and Section 735 - Mulching"</p> <p>None of the manufacturers specified recommend filling the joints with topsoil. If this is to be a permeable area the joints should be filled with #8 stone. This will also have consequences for the excavation volumn.What manufacturers recommendation is to be used for the support of the permeable pavers? Is there a Standard that you are using as to how deep and what type of material is to be utilized for the support system?</p>	Specification 401510 Porous Flexible Pavement shall be revised and issued in Addendum #2.
1	<p>CP05-BB - Sheet 26 shows one area as Porous Fexible Pavement with with Approximatley 3000 Square Feet next to "Coast Guard Station Entrance See note 8"</p> <p>CP05-BB - Sheet 26 Also shows (top right of drawing) Porous Pavers See note 13 and points to an area that also says "Asph Parking" with details approximatley 6500 square feet</p> <p>Advertisement for Bids shows 6500 Square feet Porous Flexible Pavement</p> <p>Are both areas base bid to be Porous Flexible Pavement for a total of approximately 9500 square feet.? Bid proposal only indicates 6512 square feet.</p>	Porous Flexible Pavement is limited to parking lot for the Center for the Inland Bays.