



Delaware Department
of Transportation

CONTRACT T200669001.01
C & D CANAL RECREATIONAL TRAIL
NEW CASTLE COUNTY



FINAL QUESTIONS AND ANSWERS

April 5, 2012

20	The parking lot striping plan shows that the parking stall lines are 5" wide epoxy resin paint. Normally, parking stall lines are only 4" wide. Is the 5" wide epoxy stripe for the parking stalls correct?	DelDOT has recently updated their standards so that roadway striping will now be 5" wide with the recent MUTCD. To be consistent with the updated roadway standards, we have shown the parking lot striping plan as 5" wide. No change should occur.
19	The painting for the handicap stalls specifies 5" wide blue epoxy resin paint. Blue epoxy resin paint does not exist. We would recommend that a new item be created for the use of "Preformed Thermoplastic" for the 5" wide blue lines.	You are correct there is no blue epoxy resin paint. Please use white instead of blue when bidding.
18	The plans call for a 5" wide epoxy line to be placed down the center of the canal trail. The proposed trail is not wide enough to accommodate the epoxy resin paint striping truck and there is no other method of performing this work using epoxy. We would recommend that an item for 5" thermoplastic be created in order to apply the white 5" striping on the canal trail.	Our research indicates that there are methods and means available for the contractor to apply the 5" wide epoxy line down the center of the trail. The plans and specs should NOT be changed to thermoplastic. The thermoplastic is significantly more expensive and not warranted along a trail.
17	Item 202000 quantity is 20800 cy-This is a significant dollar value. However there is no earthwork summary per the plan documents. Can the engineer provide this information?	Please bid the quantity. The quantity is correct and an earthwork summary will not be provided.
16	Note 10 on sheet 4 of the plans states that for estimating payment for all earthwork items 2/3 of the factory rated capacity of the earthwork moving equipment shall be used. Will the actual quantities of all earthwork items be measured and paid?	Yes, the actual quantities of all earthwork items will be measured and paid for. Note 10 on sheet 4 shall be removed.

CONTRACT T200669001.01

March 29, 2012

	Question	Answer
15	Can the engineer please consider using HDPE perforated pipe in lieu of PVC perforated pipe for the under drain? HDPE pipe can be manufactured with perforations and PVC cannot. The cost savings is significant as well.	The contract documents specify the performance requirements for a PVC pipe. The contractor can submit shop drawings and samples to DelDOT to demonstrate that the performance specifications of a HDPE pipe are equal to a PVC pipe and that the fittings will connect. The project engineer will review the submitted materials and documents and approve a HDPE pipe as long as the performance requirements outlined in the contract documents are met.
14	Will the contractor be allowed to dispose of all excess material onsite?	For the duration of construction, excess material can be stored on site in designated storage or stockpile areas as shown plan or approved by the engineer. Arrangements can be made with adjacent property owners to store such materials. Note 8 on plan sheet 3 applies to any on-site storage during construction. Any excess material has to be removed from the site and disposed off-site by the contractor before construction completion.
13	Can you please provide manufacturers for the site furnishings? The descriptions in the special provisions are very specific.	The contract documents specify the performance requirements for the site furnishings. After shop drawings and samples are submitted to DelDOT, the project engineer will review the submitted materials and documents and approve a site furnishings as long as the performance requirements outlined in the contract documents are met.
12	The perforations for the 6" perforated pipe shown on the Riser/Cleanout detail are only along the bottom of the pipe. The specification calls for six 1/2" diameter holes around the perimeter of the pipe. Please Clarify.	Provide six 1/2" diameter holes around the perimeter of the underdrains as specified in the specifications for perforated PVC Pipe underdrain.
11	Will the proposed 36" HDPE pipe and end sections along the canal hold up with the weight of the Rip Rap? Will there be any concerns with the end sections floating?	The ACOE has been replacing damaged storm drain outfall pipes with 36" HDPE pipes on site. There are no known issues with crushed pipes or floating end sections. To maintain uniformity with the ACOE practices, HDPE pipes are proposed.

CONTRACT T200669001.01

10	<p>Thank you in advance for reviewing our request. Our company is listed in your bid documents as an approved manufacturer. The bid specifications however, are proprietary. We would like to bid this project. We can furnish one of two patented technologies. We recommend our WRS Waste Reduction System. Low maintenance, used year round, easy to clean, each restroom has a floor drain where most other buildings can't provide this. Please see attached information on this technology.</p>	<p>The contract documents specify the performance requirements for the restrooms and lists two manufacturers and a "approved equal" designation. After shop drawings and samples are submitted to DeIDOT, the project engineer will review the submitted materials and documents and approve a restroom as long as the performance requirements outlined in the contract documents are met.</p>
9	<p>Can the excavated material and the clear & grub material be left onsite as long as we abide by note 8 on plan sheet 3, or will we be required to remove all such material from the site and dispose off-site?</p>	<p>For the duration of construction, excavated material and the clear & grub material can be stored on site in designated storage or stockpile areas as shown plan or approved by the engineer. Arrangements can be made with adjacent property owners to store such materials. Note 8 on plan sheet 3 applies to any on-site storage during construction. All such material has to be removed from the site and disposed off-site by the contractor before construction completion.</p>
8	<p>Also, the detail indicates No. <u>2</u> Stone. I assume this is intended to be No. <u>3</u> Stone as indicated in the special provisions and bid items.</p>	<p>There is a typo in the Special Provision for 401574 - Pervious Bituminous Asphalt Pavement. The last sentence under Measurement and Payment shall read: "Payment will be full compensation for preparation and completion of the subgrade, furnishing all material including pervious asphalt, No. 57 stone, No. 2 stone, labor, equipment, supplies, and incidentals to complete the work." All No. 2 Stone shown on Detail 10 on Sheet 83 is correct and shall stay as is.</p>
7	<p>Is it the intent to pay the geotextile, No. 57 and No. 3 Stone under Item 705504 or under Items 713002, 302011 & 302012?</p>	<p>It is the intent that the geotextile, No. 57 and No. 2 Stone used for the brick/block sidewalk item are incidental to Item 705504.</p>

CONTRACT T200669001.01

6	<p>Detail 10 on Sheet 83 indicates the geotextile, No. 57 and No. 2 Stone layers are included in the SF price for the brick/block sidewalk item (705504). There are bid items for No. 57 and No. 3 Stone (302011 & 302012) which pay by the TON for stone placed and for geotextile (713002).</p>	<p>The quantity listed for No. 57 stone is used for Water Resources installation (underdrain, perforated pipe) and shall be paid for under 302012.</p> <p>The quantity listed for No. 3 stone is a contingent item to be used for stabilized construction entrances where needed and shall be paid for under 302011.</p> <p>The quantity listed for Geotextile, Separation is used for Water Resources installation (pipes and underdrain installation) and shall be paid for under 713002.</p>
5	<p>Also, Detail 23 on Sheet 86 of 103 indicates No. <u>2</u> Stone. I assume this is intended to be No. <u>3</u> Stone as indicated in the special provisions and bid items.</p>	<p>There is a typo in the Special Provision for 401574 - Pervious Bituminous Asphalt Pavement. The last sentence under Measurement and Payment shall read: "Payment will be full compensation for preparation and completion of the subgrade, furnishing all material including pervious asphalt, No. 57 stone, No. 2 stone, labor, equipment, supplies, and incidentals to complete the work." All No. 2 Stone shown on Detail 23 on Sheet 86 is correct and shall stay as is.</p>
4	<p>There are bid items for No. 57 and No. 3 Stone (302011 & 302012) which pay by the TON for stone placed. Is it the intent to pay the No. 57 and No. 3 Stone under Item 401574 or under Items 302011 & 302012?</p>	<p>It is the intent that the No. 57 and No. 2 Stone used for the Pervious Asphalt Pavement is incidental to Item 401574. No. 57 stone is also used for Water Resources installation (underdrain, perforated pipe). It is the intent to pay for No. 57 stone used for Water Resources under 302012. The quantity listed for No. 3 stone is a contingent item to be used for stabilized construction entrances where needed and shall be paid for under 302011.</p>
3	<p>The Special Provision for Item 401574 – Pervious Asphalt Pavement indicates the No. 57 and No. 3 Stone layers are included in the SY price for the item (401574).</p>	<p>There is a typo in the Special Provision. The Special Provision shall read: Payment will be full compensation for preparation and completion of the subgrade, furnishing all material including pervious asphalt, No. 57 stone, No. 2 stone, labor, equipment, supplies, and incidentals to complete the work. All No. 2 Stone shown on Detail 23 on Sheet 86 is correct and shall stay as is.</p>

CONTRACT T200669001.01
PRE-BID QUESTIONS AND ANSWERS

2	I note about prime coat here on the details, you guys don't really want that, do you?	Paving details plan sheet 82 was revised to eliminate prime coat and clearly show limits of tack coat
1	There is a note on the typical section that says you have to verify the depth and the quality of the existing GABC out there and that's like every 200 feet along the trail. It's incidental to 202. Are we going to be required to do gradations on that or just look at it and say it looks good? What is the quality going to be dictated by? And then it says if it's not of sufficient or good quality it has to be removed and replaced, but it doesn't reference a method of payment for that. It says that the inspection of it as far as verification of depth and quality is incidental to 202, but doesn't tell whether you are going to pay to replace or not.	Typical section note for GABC was revised to specify Section 302 for GABC requirements. – Plan sheet 76 was revised addendum sheet will be issued.