

Delaware Department of Transportation
QUESTIONS AND ANSWERS
T201680102.02
Magnolia Truck Wash
Wednesday, June 21, 2017

Yellow highlighting = previous questions answered in this posting: Q36

Q #	Question	
Tuesday, June 20, 2017		
36	Per Spec Section 22 11 16 3.11 Piping Schedule for the Domestic water piping inside the Wash Bay. It says stainless steel. Please clarify what sizes and fitting connections that will used. Example: (2 1/2" and above Grooved end Schedule 40 Stainless Steel Pipe) and (2" and below ? Stainless Steel Press Fittings , thrd etc:.....)	Stainless steel piping and fittings shall comply with Specification 221116.2.4.
35	When plotting the control coordinates and proposed coordinates for the project, I noticed that the sets did not match, in that one set had the Northing and the Easting were reversed. I believe that the control coordinates are correct, using Corpscon and Google Earth. Could you confirm that the construction coordinates are mislabeled, with the North and East being reversed?	The Bench Mark Coordinates are correct. All other coordinate tables have the northing and eastings reversed.
Monday, June 19, 2017		
34	Detail 13/S501 indicates stone base material be installed under the concrete slab. All other details show existing compacted sub-grade. Please confirm which detail is correct. If we are to provide a stone base under the slab, please indicate the material required and the depth (thickness) of stone.	Disregard graphical representation of base material shown on Detail 13/ S501. Use subgrade material compacted per specifications.
33	There is no specified finish thickness for the floor or texture.	Total system thickness of specified system is 8-11 mils per manufacturer's recommendations.
Thursday, June 15, 2017		
32	Can a urethane cement system at 1/4 inch be used in place of specified system. It will be more tolerable any moisture left in the concrete and provide better chemical resistant capabilities. If not who is to provide testing of moisture levels in the slab before placement of specified system ?	It is the responsibility of the floor coating applicator and contractor to ensure that the floor slab is prepared for application per the manufacturer's requirements and requirements of 099600 or 012500 Substitution Procedures.

Q #	Question	
31	Bid documents reference supplying a Non-Collusion Statement, however one is not in the bid documents. Please advise.	The Non-Collusion Statement is included on the Certification form.
30	Drawing M-701, note 8 states that all control wiring, conduit & devices are by the electrical contractor, however my electrician has brought to my attention that there is nothing shown on the electrical drawings. Can this be clarified?	The mechanical contractor is responsible for coordinating these requirements with the electrical contractor. Note 8 on drawing M-701 should be revised to the following: "All control wiring, conduit, and electrical appurtenances shall conform to the requirements identified in Division 26."
29	The trench drains Basis of design is Strongwell Polycast 3000 series, these are no longer available. Can you supply an alternates as no specification was provided for the trench drain?	Specifications for the trench drain are provided in section 221316.2.3. Note that the basis of design system is now available from Trench Drain Systems, which will also be allowed as an approved equal manufacturer http://www.trenchdrainsystems.com/product-lines/3000-series.html
28	Drawing P102 states: ②Plumbing contractor shall be responsible for all interconnecting piping between wash equipment, associated valves, gauges, and piping accessories. Coordinate with wash system vendor drawings for equipment identification and additional piping details. Can you supply Wash system Vendor Drawing?	The contractor is responsible to coordinate issues with their truck wash vendor.

Tuesday, June 13, 2017

27	Please provide a head/jamb detail at the coiling overhead door/siding condition	Sheet A-501 has been updated per Addendum No. 3.
26	Are the primary and secondary framing members of the PEMB to be primed painted or galvanized?	See response to Q24.

Friday, June 09, 2017

25	Can any of the excavated material be left onsite? Please clarify.	No, excavated material may not be left onsite upon completion of the job.
24	In reference to bid # T201680102.02 regarding the pre-engineered metal building. Is the primary and secondary steel of the structure Galvanized or just primed ?	Primary and secondary steel members shall be fabricated and finished per 133419-2.4. Exposed primary steel members are required to be field painted per 099600 in Addendum No. 3.

Q #	Question	
23	On Structural Drawing S-501, details "3" & "4" indicates PVC waterstop material, and on detail "8" on drawing S-501 indicates bentonite waterstop. Would bentonite water stop at details "3" & "4" be acceptable in lieu of PVC waterstop at these locations?	No, the waterstops in the slab are required to be a PVC flexible waterstop.
22	In specification section 033000, section 2.5 Concrete Materials, Items "F" & "G", Set & Non-Set Accelerating Corrosion Inhibiting Admixture is indicated, however the Structural Drawings do not indicate corrosion inhibitor. Is corrosion inhibitor admixture required in the concrete on this project?	Please bid the project assuming a corrosion inhibiting admixture is required for the slab in the wash bay, including the 8" curb.
21	Is there any liquidated damages?	Liquidated damages are described in DeIDOT Standard Specifications. A Schedule of Liquidated Damages can be found in Section 108.09.
20	Who is responsible for the building permits?	Contractor is responsible for all State Fire Marshall, state, county and local building permits. State Fire Marshall fees are waived for all DeIDOT permits. Contractor will pay for all building permits and be reimbursed by DeIDOT with no added fee.
19	Drawing C102 calls for New Well Line and Electric Conducts in same trench, is this correct?	That is correct. The distance between the utilities shall meet the requirements of the authority having jurisdiction.
18	Who will be responsible for the new well?	Contractor will be responsible for the well under specification 763638 - Non-Potable Well. An updated specification will be included as part of Addendum #2.
17	Spec Section 099600 High Performance Coated, does this section only refer to the Epoxy Floor?	Refer to 099600. High performance coatings will be applied to floor, exposed primary steel members and hollow metal doors and frames.
16	Will painting be required? if so, specifications are needed.	Painting is required in the form of high performance coatings applied to floor, exposed primary steel members, and hollow metal doors and frames. Interiors of walls are pre-finished metal liner panel by metal building manufacturer.

Q #	Question	
15	It appears no insulation is required, is this correct with the exception of the 2 inch foam at slab area?	No insulation is required in wall cavity. See sheet A-302 and specification 133419 for details on insulated metal panels.
14	Drawing A302, Detail 3 shows the wall 8 inches higher than FF. can the 8 inch portion of the wall be poured after the floor slab has been installed?	Yes, a construction joint is permissible at that location. Ensure that the floor surface has been roughened to 1/4" amplitude minimum, prior to placing curb concrete.
13	On Drawing A302 Detail 2, will this wall require hat channel to attach liner panel? Also will the wall require insulation?	No hat channel is required to attach vertical metal linear panel to metal building Z-girts. No insulation is required in wall cavity. See sheet A-302 and specification 133419 for details on insulated metal panels.
12	Will water proofing of foundation be required?	Waterproofing of foundation is required from grade to top of footing (bottom of turned down slab)
11	Will CCR Reports be required?	CCR will not be required.
10	Will the owner pay for all testing?	DeIDOT will test soil, hot mix asphalt pavement and Portland Cement Concrete testing. Contractor is responsible for all inspections and testing to support State Fire Marshall and building permit requirements. See Question #20.

Friday, June 02, 2017

9	The new well is shown to be located approximately 180' outside of the limits of new pavement. Does the Department expect for the pipe/conduit trench to the well outside the limits of new paving to be patched to match existing surface conditions? Whatever type of patch is required, is it incidental to item 710500?	Yes, the type of patch is to match existing surface conditions, which is 8" GABC and is incidental to Item 710500.
8	There are two bid items for 8" PVC Pipe, 601192 & 711009. All of the 8" PVC pipe shown on the site plan are noted to be paid under item 601192. What is the intent of bid item 711009?	The 8" PVC Pipe that is "Capped for future" is to be under Item 711009.

Friday, May 26, 2017

7	Drawing C 105 indicates the 3" HDPE water line running to the existing 2" service feeding the Brine System to be paid under Item 710500. However, the Expedite spreadsheet indicates the 3" service to be paid under Item 710408. Which is correct?	We will update the bid form to remove item 710408 and it will be paid under Item 710500 as shown in the Breakout Sheet.
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Q #	Question	
6	Is the 4" water pipe running from the well to the building to be paid as part of pay item 763368 or by pay item 710500?	The 4" water pipe running from the well to the building will be part of Pay Item 710500 – See Breakout Sheet
5	Please provide the well ID number for the well abandonment described in pay item 763368 and describe scope of work required for the abandonment.	The well number is 164211. The scope of work will be updated to the spec.
4	Pay Item 763569 Building Renovation description in the Bid Proposal document discusses “Furnish and Install Maintenance Shop Building” Please confirm the language contained within the pay item as it is confusing.	The specification is for the truck wash, this was just a typographical error listing maintenance ship building. We will correct and re-issue.
3	Please provide a casing size/length and drilled depth for the well for bidding purposes.	The well diameter should be determined by the Contractor to meet required flow rate. The contractor needs to perform their own yield tests from which a well system can be developed. This is a bit of a delegated design item as we don't necessarily care how deep the well is or the casing size so long as we get the required yield. The drilled depth should be 55' to the top of the pump (Sheet P-501).
2	<p>The description for Pay Item 763638 Non Potable Well in the RFP states...Well pump equal to the equipment specified on the contract drawings. The well pump and required electrical service shall be provided as part of a separate pay item.” We can't locate the pay item for the well pump or electric service for the well in the Expedite Bid Spreadsheet.</p> <p>Furthermore, Sheet C 102 Production Well Note states... that the well and water service from the well to the building, are to be paid under Item 710500 however there is a specific pay item for the well. Please confirm the appropriate pay item to use for the well.</p>	<p>The spec for 763638 (Non-Potable Well) will be updated to include the pumps.</p> <p>The electric service to the well is under the following pay items. However, note the typo in the plans which incorrectly call out '8320100' instead of '832010'.</p> <p>831004 2" Schedule 80 PVC 832010 3-#10 AWG Wire 832021 1-#10 Ground Wire</p> <p>The water service is correctly paid under item 710500. The well should be paid under item #763368 – NON-POTABLE WELL.</p>
1	Per note 6 on sheet A101 the truck wash facility is to receive an epoxy floor over the entire floor area turned 8" up the wall. The specified system in section 099600 High Performance Coatings does not align with DelDOT standards for epoxy flooring installed in other facilities. Please confirm the appropriate epoxy floor system to be used in the building.	This is primarily due to the facility usage as a dedicated, potentially high volume washing facility. The DelDOT standard is driven more towards flooring for general building use and not necessarily for this application. Please use that which is specified in Section 099600.