

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T200612502.01

LEWES PARK AND RIDE & MAINTENANCE FACILITY, SUSSEX COUNTY

Friday, June 26, 2015

Q #	Question	Answer
128	Please provide foundation details for the sound barrier system specified in section 323516 Sound Barrier Wall System for bidding purposes	Structural design related to the sound barriers system shall be designed by the barrier system manufacturer as required by the specifications.
127	Ref is made to the quantity for bid item 720533, permanent wood barricades. Standard detail t-16 based on the size of the roadway indicates that 4 each two post barricades are required. Please clarify. Will payment for removal when no longer be part of this item?	The quantity for Item 720533 - Permanent wood barricade is confirmed. Both entrances along Shady Road are approximately 50 feet in width as measured from curb to curb. Per Detail T-16, three barricades are required for a 50 foot roadway width. Removal of barricades shall be incidental to Item 720533 – Permanent wood barricade.
126	Addendum #2 clarified the height of the sound walls at 16 feet. Is payment for the sound walls incidental to bid item 763569?	Measurement and payment for the sound walls shall be included with the Maintenance Building (Bid Item 763569).
125	Please provide contact information for engineering contact person @ Tidewater Utilities who is familiar with the project.	Josh Turner at Tidewater Utilities is familiar with the project.
124	Who is responsible to provide CCR services and overseeing engineer fees for the project?	The contractor is responsible to provide CCR compliance. The Department will provide oversight such as; performing weekly CCR inspections; performing BMP construction observations; and performing necessary project management and quality control tasks.
123	Reference Question 11 – we can't assign pricing to an unknown condition. Please establish an allowance to cover all costs to remove the UST noted on plan sheet 5.	For bidding purposes, assume an unloaded 1,000 gallon oil tank, with no unusual issues.
122	According to our ceramic tile contractor the floor tile for the project has been discontinued. Please provide an alternate selection.	In lieu of the discontinued specified product, the replacement basis of design product shall be Bluestone Porcelain Stone, Color AV204 “Vermont Black”, Unpolished, 12-inch x 24-inch, by Crossville, or approved equal.

Q #	Question	Answer
121	Spec Section 052100-3.5.A – requires bolting of joist seats to steel members and does not mention welding as an allowable fastening method. Steel Joist Institute allows welding of steel joist to other steel members. Please confirm welding steel joists seats to steel members is acceptable.	Welding joist seats to steel members is acceptable.
120	P-103 shows pipe going to a Pressure Washer and Washer hose Reels, they are not included in the specification or schedule. Who is supplying?	For pressure washer including controls and hose reels refer to Sheets EI-001 and EI-101 as well as Specification Section 111100.
119	P-602 detail 7 shows a 400lb grease container, it was not included in the specification. Is the plumbing contractors supplying it?	The chassis grease container is provided by the owner.
118	P-602 detail 6 shows a containment pallet and a 55 gallon drum, they were not included in the specification. Is the plumbing contractors supplying them?	Yes.
117	Drawing P-602 Detail 1 and 2 show portable waste drums, they were not included in the specification. Is the plumbing contractors supplying them?	Portable waste drums are specified in Section 221114 – Automotive Lubrication Fluids under paragraphs 2.14.D and 2.15.D.
116	014000 1.3.C-2a references qualifications for the Contractor's Safety Representative per subparagraph 1.05A.4. We can't locate the referenced paragraph. Please clarify the source.	The question cites 014000 1.3.C-2a. For clarity, assuming that the question is more accurately regarding 014000 1.3.C.1.c.2a, the correct Subparagraph to be referenced is 1.4.A.3.
115	014000 1.3.C-1a references qualifications for the Contractor's Superintendent per subparagraph 1.05A.2. We can't locate the referenced paragraph. Please clarify the source.	The question cites 014000 1.3.C-1a. For clarity, assuming that the question is more accurately regarding 014000 1.3.C.1.c.1a, the correct Subparagraph to be referenced is 1.4.A.2.
114	014000 1.3.C-3a references qualifications for the Contractor Quality Assurance Manager per subparagraph 1.05A.3. We can't locate the referenced paragraph. Please clarify the source.	The question cites 014000 1.3.C-3a. For clarity, assuming that the question is more accurately regarding 014000 1.3.C.1.d.3a, the correct Subparagraph to be referenced is 1.4.A.4.
113	Can the Contractor Quality Assurance Manager be an employee of the Prime Contractor?	The Contractor Quality Assurance Manager is permitted to be an employee of the Prime Contractor.
112	On previous FTA projects with the Department the project superintendent was permitted to fulfill the field quality representative role reporting to a part time Quality Manager. Will this be acceptable?	It is acceptable for the Project Superintendent to fulfill the Field Quality Representative role and report to a part-time Quality Manager.

Q #	Question	Answer
111	Spec section 014000 requires the contractor to employ a full time quality control representative at the site during the "Installation and Testing" phase. We assume the Installation and Testing phase is required for the entire duration of the contract? Please confirm	Assuming this question is with regard to 1.3 C 8. "Inspection and Testing"; requirements of this section do apply for the duration of the contract.
110	The drawings indicate Dune 2x4 acoustic ceiling tile. The specs indicate Ultima 2x4 tile. Which tile should be used for bidding purposes?	Acoustical Panel Ceiling APC-1 shall be Ultima per the specifications.

Thursday, June 25, 2015

109	Please provide a construction detail for bid item 720533, permanent wood barricade.	Refer to plan sheet 41, Note 3. The DelDOT Standard Construction Detail, No. T-16 is referenced.
108	Spec section 084113 Aluminum Framed Entrances and Storefront 2.4A1 & A2 calls for 1 3/4" thick, wide stile 5" nonminal doors. 2.4.A1a Calls for thermal construction, which is not available in 1 3/4" from Kawneer or Ykk. Please advise if the doors are to be 1 3/4" thick or thermal construction. Thermally broken doors may not be compatable with the specified hardware due to thickness and stile width.	Doors shall be thermally broken. The specification has been revised to include a Basis of Design product and to modify dimensional requirements.
107	Please confirm that this project is located outside of the Hurricane Impact Zone. Specifications call for non impact products.	Assuming that the question is referring to the IBC Section 1609 Requirements for impact resistance for glazing, the site is located more than 1 mile from the mean high water line and therefore does not meet the definition for a "Wind-Borne Debris Region".

Tuesday, June 23, 2015

106	Spec Page 221114-5, Item 2.4 calls for 316 Stainless Steel Shutoff valves, the lube pipe is Black Steel. Do the Valves have to be Stainless Steel?	The valves are required to be stainless.
105	The bid documents state to use Davis Bacon Rates for building. Davis Bacon rates for Sussex county do not include Plumbing, HVAC Piping or HVAC Sheet metal. Please advise what rates to use?	For Bidding purposes, Bidders are to utilize the Delaware Prevailing Wages listed in the contract for any classifications not listed on the Federal Davis-Bacon Wage Rates. After award, the contractor files a form with DelDOT requesting contract wage rates for the needed Davis-Bacon classifications. DelDOT reviews the form, signs, and forwards to Federal DOL for action.

Q #	Question	Answer
104	Specification Section 087100. I'd like to clarify that the intent of the list of manufacturers shown throughout Appendix A are not restrictive?	Products from manufacturer's not included in the specifications shall be allowed to be submitted provided the contractor demonstrates after award that the products meet the requirements of the specifications.
103	On Sheet A806 interior window types are identified VW1 thru VW6. We cannot locate VW3 thru VW6 on the plans. Please advise.	Window Tags VW3 through VW6 were inadvertently left off of Sheet A-101. Sheet A-101 will be revised via addendum.
102	In section 2.2 (Performance Requirements) part C it appears they have the field/per/corner uplift pressures flip flopped. If that is the case then they would only need a 1-60 instead of the 1-120 that is called for.	Assuming the questions was submitted in regard to Specification Section 075323, the wind uplift number were inverted. A revised specification will be issued via addendum.
101	Per Drawings A-603 & A-604: a. Per Dwg. Note #8 - L4x4x3/8" Please Advise on Finish of this Angle (Galvanized/Prime Painted) b. Per Dwg. Note #17 - L8x8x3/8" Please Advise Where/IF this Con't. Angle occurs?	a, Note that the angles are not merely fastened to wood blocking but through the wood blocking to metal stud framing. Steel shall be galvanized and primed per Specification Section 055000 Paragraph 2.10 Miscellaneous Steel. b. Note #17 shall apply to the unidentified steel angle in Detail 6 on Sheet A-604.
100	Equipment/Benches Per EI-Plans: a. Per 1/EI-102 - steel benches (ST350) Please advise on finish of steel (Galvanized/Prime Painted)	This question is internal to the General Contractor / Subcontractor arrangements.
96 - 99	Embed Angles: Please Advise/Confirm if Steel Contractor owns FURNISH ONLY of the Embed Angles at the Following Locations;	This question is internal to the Prime Contractor / Subcontractor arrangements.

Wednesday, June 17, 2015

95	The incorrect ASTM standards are referenced instead of the proper standards used for pervious concrete.	Special Provision 501532 will be revised by addendum.
94	Drawing A-301 Note 14 calls for an Entrance Canopy. Specifications are needed, footer detail, roof sheet specifications, etc.	The canopy is not a manufactured or specified item - it is constructed per the architectural and structural drawings. See Sheet A-503 and others referenced.

Monday, June 15, 2015

93	Specifications are needed for the polished concrete, sealer, etc	Specifications were in Addendum 3.
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Q #	Question	Answer
92	The bid documents for this project only list one lighting fixture manufacturer, with no equal.	Appendix A - Technical Specifications lists specific manufacturers for many products. In all cases throughout the Appendix,
91	Please confirm the type of pendent sprinkler heads that are required. The specs call for a flat plate which can be the concealed type head vs. the semi-recessed 'standard' type.	The choice of concealed or semi-recessed type was left to the discretion of the contractor. Either type is acceptable.
90	Is there a cost for CADD drawings?	CADD drawings will be made available to the winning bidder on an as needed basis.
89	Is shower to receive floor or wall tile?	Refer to specification section 224223 COMMERCIAL SHOWERS.
88	Finish schedule calls for CWT1 and PT2 on certain walls. Elevations do not show tile heights. Please clarify.	The ceramic tile indicated is to be a wainscot to 5'-0" AFF typical, extending up to underside of gypsum ceiling in shower areas (7'-6" AFF).
87	Finish schedule notes CT1 and RF1 in bathrooms 104 and 105. I do not see a finish plan that shows what goes where. Please clarify.	Rooms 104 and 105 are to receive ceramic tile and rubber flooring. The flooring RF-1 is intended to be used in the locker and shower areas. Extent of RF-1 is the same as the 7'-6" dimension on
86	In specification section 033000, Section 3.10 Waterstops, item E, mentions the use of swelling type waterstops, however section 2.2, item J. Waterstops, does not specify swelling type waterstops. Can you please clarify whether swelling type waterstops would be acceptable to use for this project?	Swelling type waterstops are acceptable for use in this project.
85	In the concrete specification section 033000, 2.2, Admixtures and Additives, item #4 indicates "concrete for structural elements coming in direct contact with process liquid and outside earth shall contain crystalline waterproofing additive." Can you please clarify if a crystalline waterproofing additive is required for the concrete this project?	Crystalline waterproofing is required for all sumps, trench drains and pits (i.e., the moveable and fixed lift pits).

Thursday, June 11, 2015

84	Is there going to be a bid extension?	See response to question 51-52, and 55. The Bid Date extension is contained in Addendum 2.
83	There is a conflict between the Spec Section 233113-14 3.10 A calls for Shower exhaust to be Stainless and drawing M101 note 8 calls it to be aluminum, which is correct?	Exhaust to be aluminum per the drawings. A revised specification will be issued via addendum.

Q #	Question	Answer
82	<p>Who is responsible to pay for the following: Fire Marshal Review Fee; Sussex County Building Permit; Water work in the ROW; Impact Fees.</p>	<p>Contractor shall be responsible for all construction permitting fees.</p>
81	<p>Bathrooms 104 and 105 are scheduled to receive multiple floor coverings but the limits of the same are not defined. Please define the limits of ceramic tile and resilient floor in these rooms.</p>	<p>Rooms 104 and 105 are to receive ceramic tile and rubber flooring. The flooring RF-1 is intended to be used in the locker and shower areas. Extent of RF-1 is the same as the 7'-6" dimension on ENLARGED PLAN 1 on Sheet A-501, typical for both Men's and Women's rooms.</p>
80	<p>Is the grate and embed angles at the move able lift pit and fixed lift pit aluminum? The angle support brackets for the alum. wave L6 x 4 x?, galv.? and how often do they happen?</p>	<p>Angles embedded in floor for trench drain grating and for embed angles at the lift pits shall be steel. Angles to support wave (Sheet 24) shall be aluminum and maximum of 24" on center.</p>
79	<p>I have a few questions on this Rigid Life Line Fall protection System. - What is the max. of workers needing access to the system at one time? - Do workers require the ability to pass one another while anchored to the system? - Flush mounted or drop rod? - Is there a need for alum. track or stainless steel track?</p>	<p>Fall protection system shall support (2) workers with ability to pass one another. Mounting method as recommended by manufacturer based on available structure for connections.</p>
78	<p>Please refer to section 107343 of the technical specifications. We are unable to find a product meeting the material specifications.</p>	<p>The transportation stop shelter is intended to be a residential pergola kit with added polycarbonate sheets to provide dry cover for bus passengers. The 84 Lumber website under "backyard living" shows acceptable kits. Lowes and Home Depot and other approved equal products are also acceptable.</p>
77	<p>Video Surveillance I could not find any site plan which provided the location of the pole cameras. Please provide guidance on where we can find the location of each required camera other than drawings E-305 Sheet No. 168 or E-306 Sheet No. 169.</p>	<p>Cameras are mounted on the site lighting poles. All cameras shown on the ELECTRICAL SITE PLAN Sheet E-100 (Sheet 161) are pole mounted cameras.</p>

Q #	Question	Answer
76	<p>Access Control</p> <p>Drawing E-303 Sheet 166 show (10) ten doors receiving power for access control doors, Drawing E-306 Sheet 169 only show (8) eight doors receiving access control devices.</p> <p>The two doors in question are:</p> <ul style="list-style-type: none"> - Exterior single door Wash Bay 218 (bottom-left of the plans) - Exterior double door Lube/Compressor Room 215 <p>Do you want/need 8 or 10 doors of access control?</p>	<p>There are (10) doors requiring access control power in the south building. There should be door contacts at doors 218.2 and 215.2.</p>
75	<p>Intercom System</p> <p>There are intercom master stations shown on the either E-305 Sheet No. 168 or E-306 Sheet No. 169. There are two intercom door stations shown on the bi-level pedestal by the main gate. Are there any exterior building doors which will receive an intercom door station on either the north or south building? How many master intercom stations are required and where should they be located?</p>	<p>The intercom stations located at the gate will be tied to the telephone system, therefore no separate master stations are required. There are no additional intercom stations at building doors. Note that there are (2) bi-level pedestal locations on the electrical site plan – at the entry gate next to fuel tanks and at Shady Road entrance to the maintenance facility yard.</p>
74	<p>Intrusion Detection:</p> <p>a. There are no keypads shown on either E-305 Sheet No. 168 or E-306 Sheet No. 169.</p> <p>ii. Is there a desire to integrate the Intrusion Detection System to the ProWatch Access Control System via a credential?</p> <p>b. There are no sirens shown on either E-305 Sheet No. 168 or E-306 Sheet No. 169.</p> <p>c. There are no motion detection shown on E-306 Sheet 169.</p> <p>d. There are four motion detectors shown on E-305 Sheet No. 168, two of these show in the same office (101).</p> <p>e. There are no overhead door contacts shown on any bay doors.</p> <p>f. There is no door contact shown on the exterior Mech. Room 204 on E-306 Sheet No. 169.</p> <p>g. There is no door contact shown on the exterior Lube/Compressor Room 215 on E-306 Sheet No. 169.</p> <p>h. There are no hold-up buttons shown on either E-305 Sheet No. 168 or E-306 Sheet No. 169, however, on E-607 Sheet 178 the riser shows a hold-up button.</p>	<p>Provide a keypad for IDS override / shutoff in Vestibule 107 and in Vestibule 200. IDS will report to a DelDOT centralized monitoring center. Regarding the integration into owner’s access card system, link the systems such that a proximity card can shut off the IDS in lieu of using the keypad, but there should still be a keypad in case the dispatcher loses a card or it won’t read properly. Alarm reporting at the central station is preferred over a local audible alarm. Motion Detectors are not required for either building. The rectangles with the “M” in them on the plans represent monitors (see legend on sheet 157). Monitors are provided to allow occupants of the room to monitor activities outside the room via the security cameras. Door contacts are not required on overhead coiling doors or on the Mechanical Rooms. A door contact is required at the Lube/Compressor Room. Hold-up buttons are not required.</p>

Q #	Question	Answer
73	<p>Fire Alarm:</p> <p>a. Drawing FA-002 Sheet No. 154 and Drawing FA-003 Sheet No. 155 show a total of 15 pull stations.</p> <p>b. Drawing FA-501 Sheet No. 156 has riser diagram which only shows 14 pull stations.</p>	There are (15) total pull stations required. Riser diagram should have (1) pull station added to the south building.
72	Reference drawing A-801. Rooms 105 & 106 have floor finish designations of both CT-1 & RF-1. Please supply information on extent & termination points of the (2) floor finishes.	The flooring RF-1 is intended to be used in the locker and shower areas (note rooms in question are actually 104 and 105). Extent of RF-1 is the same as the 7'-6" dimension on ENLARGED PLAN 1 on Sheet A-501, typical for both Men's and Women's rooms.
71	Reference drawing A-801. Rooms 105 & 106 have multiple wall finishes on several of the walls. This infers there is to be a partial ceramic tile wainscot. Please verify height of ceramic tile wainscot.	The ceramic tile indicated is to be a wainscot to 5'-0" AFF typical, extending up to underside of gypsum ceiling in shower areas (7'-6" AFF).
70	We are not able to get pricing for the refrigerator/freezer, washer and dryer. Vendors are indicating that manufacturers listed in section 113100 do not have equipment meeting the specifications.	These specifications are revised with Addendum 3.
69	Specification section 131200-Modular Restrooms indicates a manufacturer and model and references a figure 1 at the end of Part 3. There is no Figure 1 at the end of part 3 and we can find nothing on the drawings that identifies dimensions/size of the "Sierra" model.	The Technical Spec will be amended via Addendum to include the figure.
68	Please refer to page 12, lines 14 & 15, of the pre-bid meeting transcript. Exactly what permits and licenses is the Contractor responsible for?	The contractor is responsible for any and all permits and licenses to ensure a 100 % turnkey project that is ready for the owner's use upon completion.

Monday, June 08, 2015

67	What is the thickness of the decorative stone mulch under the planting breakout sheet which is Item 737523-15?	Decorative stone mulch layer shall be 3 inches deep.
66	Based in the limited info that DelDOT is able to provide on the wells to be abandoned, well drillers indicate they can not provide a quote without having some parameters on the wells such as depth of well and size of well casing. What are the GC's to do?	There are three (3) wells on the property, we have information on only one tagged well. Bidders are to assume the other two wells are identical for bidding purposes. The information is provided on the posted "Well Information" document.
65	If Borrow Type C is required for backfill of the water and sewer trenches will the cost of the material be incidental to bid item 7625602	Refer to response to question 35. Trench and backfill are inclusive to pipe items.

Q #	Question	Answer
64	Plan sheet 8 shows piping to and from OWS as 6" diameter. The plumbing plans show the same piping to be 4". What is the correct pipe size?	The piping to and from the OWS on Sheet 8 should be 4" diameter per the plumbing plans.
63	The wood door spec (Appendix A) does not specify a wood door veneer. Will wood door veneers be permitted?	Veneer is required per the specifications. Species shall be Maple.
60 - 62	It appears that the pre-bid transcript posted for this project is actually for another project.	This has been corrected.
59	Plan sheet 8 shows 2.5" domestic water service pipe and fittings. Plans sheet 11 refers to these services as 2". What is the correct size? Is the pipe PVC or PE?	Sheet 8 is correct, domestic water service should be 2.5 inch. Pipe shall be PVC per Water Material List on Sheet 8.
58	The wrong pre-bid meeting minutes transcript has been posted on the web site.	This has been corrected.
57	Where is the geotechnical information found on the web site?	The Geotechnical report has been posted to the website.
56	Please refer to your answer to question number 25. Are bollards not required behind the trash containers as shown on plan sheet 5?	Bollards are required as shown on the site plans behind trash containers. These were missed in responding to question 25.
55	Due to the complexity of the project and the amount of specialized equipment required, would there be consideration for extending the bid to allow more time for competitive pricing.	Yes, the bid period will be extended. Bids will be received until 2:00 P.M. Local Time, June 30, 2015 and thereafter be publicly opened.
54	Please refer to your answer to question number 24. Is decorative metal fence required behind the two fuel tanks?	The Site Plan Sheet C-102 (Sheet 5) shows the decorative fence running between the fuel tanks and the parking lot. It is required.
53	Please refer to your answer to question number 13. Where on the website is the geotechnical report posted? As of right now I do not see it.	The Geotechnical report has been posted to the website.
51 -52	Please refer to your answer to question numbers 1 and 4. When are you going to post addendum 2?	Addendum 2 will be posted shortly. Please note that Addendum 2 will also extend the bid due date to June 30, 2015.
50	The project specification requires Buy America. Section 221114 Automotive Fluid Systems Manufactures that are called out in the specification are not American made and will not meet the Buy America guidelines.. Will the manufactures listed in the specification be granted a waiver?	Technical Specification 221114 are revised with Addendum 3.

Q #	Question	Answer
49	<p>Scale Wages</p> <p>SECTION 144500 - VEHICLE LIFTS We have found no wage rate listed for Section 14450 Vehicle Lift Installer, in either the Delaware or the Fed rate standards. Please provide a wage rate or verify that the Federal Millwright Wage is the correct wage rate to be used.</p> <p>SECTION 111100 - SHOP EQUIPMENT We have found no Wage determination for Shop Equipment Installer Please provide a wage rate or verify that the Federal Millwright Wage rate is the correct rate to use.</p>	<p>Vehicle Lifts and Shop Equipment are both covered under the Millwright wage classification. Per the contract specifications, you are to use the higher of the State, or Federal, wage rates.</p>
48	<p>After reviewing DelDOT specs on the refrigerator, washer & dryer some of their requirements contradict themselves or do not exist in today's market.</p>	<p>These specifications are revised with Addendum 3.</p>
47	<p>Are we to assume that all of the footings for the project are to be formed, as note 3 in the Foundation section, on drawing S001, indicates that the footing subgrade material is to be undecut 4'-0" below footing subgrade, and the undercut width should equal footing width plus the depth of the undercut below footing subgrade.</p>	<p>This requirement will require the footings to be formed</p>
46	<p>Could you please provide a size of the required generator pad on Site Plan C102.</p>	<p>The size of generator pad is to be coordinated by the contractor when purchasing the generator.</p>
45	<p>The Finish Schedule on drawing A801 indicates designation PC-1 Polished Concrete. Could you please advise if polished concrete is required for this project, and if so, could you please provide a concrete polishing specification?</p>	<p>Polished concrete is required per the Architectural Finish Schedule. The specification will be provided</p>
44	<p>In the Concrete Specification section 033000 indicates item L. Surface Hardener. Can you please advise if dry shake Surface Hardener is required for the project, as most of the concrete slabs appear to get covered with floor coverings?</p>	<p>Surface hardener is required for all interior permanently exposed concrete surfaces per specification 033000 3.7.A.</p>

Q #	Question	Answer
43	On the South Building, Foundation Plan 1 on drawing S102 indicates a sloped grout topping at the 12" thick concrete slab at wash bay 218. Are we to use a 4500 psi concrete mix in the concrete specification for the sloped concrete topping at this location?	Use the 4500 psi concrete mix for the sloped concrete topping.
42	On the South Building, Foundation Plan 1 on drawing S102, indicates a dimension of 3'-0" to the trench drains from the column center line on column line "2" between "B" & "C". Section C on drawing S-501 indicates that the trench drain is much closer to the center line of column line 2 which would affect the thickened concrete slab and rebar at this location. Could you please advise as to the correct location of the trench drains along column line 2?	The trench drain is to be located as shown on plan S-102.
40 - 41	On the South Building, Foundation Plan 1 on drawing S102, indicates that the top of pedestal elevation is 26.53'. The bottom of footing elevations that are indicated at 24.70' would indicate that the concrete pedestal height would be 10" high from top of footing. On the Column schedule, on drawing S601, indicates that the anchor bolt embedment is 12" at these pedestal locations. Please clarify if the anchor bolt embedment depth will change, or if the footing elevations will be lowered?	The elevations and dimensions are correct. Detail C on Sheet S-501 has been revised for clarity. Column footing B-2 should be lowered 6" to avoid conflicts with the trench drain. See revised plan sheet S-102. The anchor bolts can be surveyed, placed and embedded into the footings when they are poured to achieve the 12" embedment from the top of pedestals. The pedestals can then be formed and poured around the anchor bolts up to the indicated top of pedestals
39	We are respectfully requesting the engineers review on the attached submittals for a request on substitution on the Cabinet Unit Heaters Spec Section 23823913, Unit Heaters Spec Section 23823916, Split System Air Conditioners Spec Section 238126 and the Air Terminal Units 233600 . See the attached.	See the Response to Question 34.

Q #	Question	Answer
Friday, June 05, 2015		
38	Other than the 12” lift under the pervious pavement and the 2’ wide areas that are shown on plan sheets 25 & 26, where else is item 302011 used on this contract? Can you verify the quantity is correct?	Aside from the diaphragm and the Pervious Concrete there is no additional No. 3 stone on the job. The bid quantity of 5801 TONS is correct.
37	Where is the soil boring info for this contract found?	See response to Question 13.
36	Ref made to note 2 for the pervious concrete shown on plan sheet 16, where is the TY a borrow noted in the typical section for pervious concrete and how is it paid for?	Note 2 provides answer to unsuitable subgrade mentioned in Note 1; Subgrade evaluation to be determined in the field.
35	Why is there no item 208000 and 210000 for the 19” x 30” RCP (item 612205) on this contract?	208000 and 210000 are inclusive for all pipes under 24” in diameter.
34	I'm having a lot of trouble finding substitution guidelines in the General Requirements "Instructions to Bidders". Specifically, the deadline to submit alternate Lighting fixtures and the procedure.	The Department does not accept ‘alternate’ requests during the bidding process. If an item that is defined in the specifications as “or approved equal”, you may submit that to dot-ask@state.de.us for review and notification of approval. Your request must be received no less than six business days prior to the proposal opening date in order to receive a response prior to bidding. Otherwise, you must bid the project as defined. After award, the Department will review any substitution requests you have to determine if they meet the bid requirements, and if so, they may be approved at that time.
33	Who is responsible for the Temp Restrooms? If it is the contractor, please issue more info (specs, pay item, etc).	Temporary Restrooms are to be included in the construction contract. Refer to Section 131200 Modular Restrooms of the Technical Specifications. For measurement and payment purposes, the modular restrooms shall be considered part of the Maintenance Facility Building.
32	Under what item will the Entry Sign & Wall be paid (ref sheet LD-03, 24 of 185).	For measurement and payment purposes, all work shown on Sheet 24 shall be considered part of the Maintenance Facility Building.
31	Can the transcript of the prebid meeting be posted on line?	The Pre-Bid Meeting Transcript has been posted on the website.

Q #	Question	Answer
Wednesday, June 03, 2015		
30	I can not seem to find the Electrical Specifications.	Please refer to Appendix A - Technical Specifications, posted on the website.
29	On Plan Sheet 4, there appears to be 3 wells that indicated to be removed. Should this indicate to be abandoned? If so does DeIDOT have any idea as to the size of well casing and depth of the wells?	Removal of the well shall be per state regulations, including removal of all equipment and filling in of the well shaft. Size and depth is unknown.
28	There is clearing and grubbing shown on both the park and ride site plan, Plan Sheet 4, and also on Shady Road (Plan Sheets 34 and 35). Please clarify which wage rates are applicable to the clearing and grubbing item.	Clearing and grubbing is listed as line item 0010, which is highway construction.
27	The bid quantity for Item 612032, 15" RCP CL V as listed on the proposal is not correct per Drainage Pipe Schedule shown on Plan Sheet 7.	The correct length of Item 612032, 15" RCP CL V is 826 LF as shown on the project plans.
26	Are the utility installations that are shown on Plan Sheet 8 and 11 paid for as part of the building and if so are building wage rates applicable to this work?	Utilities shall be part of the Maintenance Facility Building, 763569. Building wage rates are applicable to this work.
25	Plan sheet 13 shows a bollard detail. Where are these bollards used and under what bid item are they paid for?	Bollards are required next to fuel tanks (Refer to Sheet 5) and at Maintenance Facility overhead doors (Refer to Sheet 85). Bollards are to be paid under the Maintenance Facility Building, 763569
24	Plan Sheet 13, site details, shows a decorative metal fence detail. Where is this fence detail used and under what bid item is it paid for?	Refer to Site Plan Sheet 5 for locations and extent of the Decorative Metal Fence. For measurement and payment purposes, the fence shall be included as part of the Maintenance Facility Building.
23	Is the proposal quantity for bid item 708512 correct at 22 each? Plan Sheet 7, drainage inlet schedule shows 24 each.	The correct quantity of Item 708512 is 23 EA. DI-26 shall be a 34x24" Doghouse Type Inlet measured and paid for under item 708501 DRAINAGE INLET, 34' X 24".
22	Under what bid item is the removal of the existing building paid for? It is not noted under Section 200 para 5 on Plan Sheet 31.	Bid item is 211000 REMOVAL OF STRUCTURES AND OBSTRUCTIONS.
21	Ref S-1 drainage inlet schedule shown on Plan Sheet 25 (SW-01) is that structure paid under bid item 910006? The Plan Sheet indicates payment under item 272. Please clarify.	Plan Sheet 25 should indicate payment under item 910006

Q #	Question	Answer
20	Since there are not cross sections available for this project has an earthwork summary been done?	The contractor shall be responsible for preparing an Earthwork Summary.
19	Plan Sheet 18 indicates inlet sediment control w/payment under item 252000? Where is that item shown on pricing proposal?	Plan Sheet 18 should indicate payment under item 905004.
18	Ref the storm drain encasement detail shown on plan sheet 16 indicates that flowable fill encasement will be paid under item	See response to Question 7.
17	At the tie in to the existing sanitary MH (shown on Plan Sheet 8) will a core drill and channel rebuild be required?	The connection to the existing manhole will require core drill and channel rebuild.
16	Please provide a water line blow up in the vicinity of WB-5, WB-4, and WB-3 as shown on Plan Sheet 8.	Refer to WATER STAKEOUT SCHEDULE on Sheet C-105, Sheet 8.
15	Is DI-26 a doghouse inlet over existing 21" Storm Drain? Is the 21" storm drain RCP?	DI-26 shall be a 34"x24" doghouse inlet over the existing 21-inch storm drain and not a shallow cog. This is measured and paid for
14	Ref is made to Plan Sheet 7 where FES 5 is called out as 18" CPP yet P-1 going into this FES is 18" RCP. Please clarify.	The Plan Sheet FES-5 reference should indicate 18-inch RCP.
13	Does the Department have a geotechnical report? Soils borings? If so please make part of the bid documents.	The Geotechnical report has been posted to the website.
12	Is the ornamental fence called out on C-410 aluminum or steel? If it is steel what steps do we need to take to be an approved equal?	Refer to Specification Section 323119 Decorative Metal Fence
11	What is the size and age of the underground storage tank shown to be removed on plan page C-101?	This may be a UST or Oil Water Separator. Unknown age or size. 06/26/15: See also Response to Question 123.

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10	Plan sheets 25 & 26 show 2' wide stone diaphragms underlain with geotextile. How is this work measured and paid?	This should be paid per Ton of Delaware NO. 3 Stone per Item 302011.
9	Please refer to plan sheet 24. How is the work shown on this plan measured and paid?	For measurement and payment purposes, all work shown on Sheet 24 shall be considered part of the Maintenance Facility Building.
8	Please refer to plan sheet 22. The BMP cells are shown to have Basin Seed Mix. How is this work measured and paid?	For the purposes of specification, measurement and payment, Basin Seed Mix is PERMANENT GRASS SEEDING, DRY GROUND, item 908014.

Q #	Question	Answer
7	Please refer to plan sheet 16. Note 2 for the Storm Drain Encasement Detail refers to item 208001. However, item 208001 does not exist on the bid form. Will this item be added?	Proper encasement resolution to be determined in the field.
6	Please refer to plan sheet 5. There are some Pipe Bollards shown to be installed. How are these to be measured and paid?	For measurement and payment purposes, all pipe bollards shall be considered part of the Maintenance Facility Building.
5	Does the contractor or subcontractor installing the pervious concrete pavement have to be an NRMCA Certified Pervious Concrete Installer?	This is not a requirement per the special provision. <i>Revision: Per revised Special Provision 501532, pervious concrete contractor <u>must be</u> NRMCA certified.</i>
4	Please refer to plan sheet 5. Please revise this page to clearly differentiate 10" PCC pavement from sidewalk.	Separate patterns have been added to differentiate PCC paving from PCC sidewalk. Refer to revised Site Plan Sheet 5 in Addendum 2.
3	Please refer to plan sheet 5. What is the little square with "UTIL"?	The square designated UTIL on Sheet 5 is an electrical transformer. Refer to Electrical Site Plan Sheet 161 of 185.
2	Please refer to plan sheet 5. Are the trash and metal containers to be furnished as part of this contract? If so, please provide specifications.	Metal and trash containers are not a part of the construction contract.
1	What is the required height of the sound barrier wall system?	The Sound Barrier Wall shall be 16 feet tall with a gap between the bottom of the wall and grade. Refer to the revised Grading Plan Sheet 6 of 185.
PB-B	What are the requirements regarding lower tier subcontractors?	Section 108.01 of the Standard Specifications has been modified in response to this question. This has been addressed in Addendum 1.
PB-A	What is the percentage of work the successful bidder must perform with its own forces?	The successful bidder must perform Work with their own organization amounting to not less than 10% of the total original Contract Price. This has been addressed in Addendum 1.

PB = Pre-Bid Meeting open questions.