

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T201080101.01

MAGNOLIA YARD VEHICLE MAINTENANCE SHOP, KENT COUNTY

Wednesday, March 19, 2014

Q #	Question	Answer
154	Please confirm weight of the C channel of the Overhead door channel frames and confirm whether these frames are to galvanized or painted or both.	The design of the steel channels at the overhead doors are part of the metal building structure and shall be the responsibility of the metal building fabricator.
153	Please provide the weights and sizes of the “C” channels that make up the structure of the entrance canopy	The design of the steel channels at the entrance canopy are part of the metal building structure and shall be the responsibility of the metal building fabricator.
152	In the door hardware section of the spec it has specked out standalone all in one handsets with its own software for each handset. Will these handsets be changed out to electric strikes or electromagnetic locks?	Refer to response to question 110. Electronic locking has been deleted.

Wednesday, March 12, 2014

NOTE: RESPONSES TO THE FOLLOWING QUESTIONS HAVE BEEN MODIFIED: QUESTIONS 11, 16, 67, 77.

151	Please provide specifications/manufacturers/model numbers for the Lubrication Dispensing reels, air pumps and associated equipment.	See added specification in Addendum 4.
150	Please confirm the traffic rating for the electrical junction boxes shown on the site in paved / vehicle traffic areas	The electrical junction boxes shall be Tier 15 in sidewalks and unpaved areas and Tier H-20 (vehicular traffic rated) in all paved roadway areas.
149	Please confirm if we are to provide a new annunciator panel and automatic transfer switch for the relocated generator.	See response to Question 58 and Question 137.

Q #	Question	Answer
-----	----------	--------

Thursday, March 06, 2014

NOTE: RESPONSES TO THE FOLLOWING QUESTIONS HAVE BEEN MODIFIED: QUESTIONS 4, 20, 68, 87.

148	Section 3 on A4.2 shows a three line rail with 1" (One Inch) Balusters. Verify detail or Wire Mesh?	See response to Question 140.
147	What is the specification of the trench frame and grate at the wash bay?	The trench drain is to be a manufactured product, capable of supporting a grate capable of Medium Duty Loading (Class B), 20 ton vehicle and 5 ton wheel load.
146	Section 3 & 4 at stair 2nd floor opening shows C12 framing. Plan section 2 on S1.1 shows W14 X 22 framing at this opening. What is the correct detail?	Provide W14x22 perimeter stair opening framing, bolt rail post to top of concrete slab.
145	Section 11/S2.1 shows hand rail at mezzanine edge. Sec. 1/a3.1 shows wire mesh wall, please clarify which is correct.	Use Section 1/A3.1, 4' high wire mesh wall system along the edge of the mezzanine.
144	Who installs the C(Steel Channel per details (1) & (10) on Drawing S2.1?	Section 1 on Drawing S2.1, note "Anchor by others" shall be construed to mean anchor installed per metal building manufacturer requirements. Installation of C-Channel to be coordinated by General Contractor.

Wednesday, March 05, 2014

143	In specification section 03300 page 15, item 3.14 Liquid Floor Treatments, Item B indicates Polished Concrete Floor Treatment. Is this procedure applicable for this project, and if so, could you please provide a product specification and identify what slabs are to be polished?	Polished concrete floor treatment is not applicable to this project.
-----	---	--

Q #	Question	Answer
142	In specification section 03300 page 15, item 3.14 Liquid Floor Treatments, Item A indicates Penetrating Liquid Floor Treatment. Is Penetrating Liquid Floor Treatment required for this project, and if so, could you please provide a product specification, and identify where on the project it is to be used?	There is no penetrating floor treatment required.
141	In specification section 03300 page 10, item 3.8 Waterstops are listed, however I do not believe they are indicated on the project plans. Are waterstops required for this project and if so, could you please identify where they are located?	There are no waterstops required.
Friday, February 28, 2014		
140	Mezzanine stair shows 3 line pipe rail but says 1" steel balusters. Do they really want 1" steel balusters in 3-line rail?	1" steel balusters are not required.

Q #	Question	Answer
139	<p>There is no specification for the wire mesh panels. A1.2 says wire mesh partition. A3.5 says expanded mesh partition. A4.2 says High wire mesh partition. Does the architect have a specified wire mesh or expanded metal to use for the infill?</p>	<p>STANDARD-DUTY WIRE MESH PARTITIONS</p> <p>A. Mesh: 0.135-inch- diameter, intermediate-crimp steel wire woven into 1-1/2-inch diamond mesh.</p> <p>B. Vertical Panel Framing: 1-1/4-by-5/8-by-0.080-inch cold-rolled, C-shaped steel channels with holes for 1/4-inch- diameter bolts not more than 12 inches o.c.</p> <p>C. Horizontal Panel Framing: 1-by-1/2-by-1/8-inch cold-rolled steel channels.</p> <p>D. Horizontal Panel Stiffeners: Two cold-rolled steel channels, 3/4 by 3/8 by 1/8 inch, bolted or riveted toe to toe through mesh or one 1-by-1/2-by-1/8-inch cold-rolled steel channel with wire mesh woven through channel.</p> <p>E. Top Capping Bars: 2-1/4-by-1-inch cold-rolled steel channels.</p> <p>F. Posts for 90-Degree Corners: 2-by-2-by-1/8-inch steel angles or square tubes with holes for 1/4-inch- diameter bolts aligning with bolt holes in vertical framing; with floor anchor clips.</p> <p>G. Line Posts: 3-inch-by-3-inch steel posts; with 1/4-inch steel base plates.</p> <p>H. Three-Way Intersection Posts: 2-by-2-by-1/8-inch steel tubes, with holes for 1/4-inch- diameter bolts aligned for bolting to adjacent panels.</p> <p>I. Floor Shoes: Metal, not less than 2 inches high; sized to suit vertical framing, drilled for attachment to floor, and with set screws for leveling adjustment.</p> <p>J. Rolling Gate or Swinging Doors: Fabricated from same mesh as partitions, with framing fabricated from 1-1/4-by-1/2-by-1/8-inch steel channels or 1-1/4-by-5/8-by-0.080-inch cold-rolled, C-shaped steel channels, banded with 1-1/4-by-1/8-inch flat steel bar cover plates on four sides, and with 1/8-inch- thick angle strike bar and cover on strike jamb.</p> <p>1. Hinges: Full-surface type, 3-by-3-inch steel, three per door; bolted, riveted, or welded to door and jamb framing. OR Overhead rolling track rail, wheel type, self-aligning, ball-bearing truck assembly. Refer to floor plans and schedule for gate type.</p> <p>2. Mortise Plate with Cylinder Lock: Mortise type with manufacturer's standard cylinder; operated by key outside and lever inside to accept Best cylinder core.</p> <p>K. Finish: Hot-dip galvanized unless otherwise indicated.</p>
138	<p>Bollard steel specification calls for 6" primed. A1.1 shows 6" schedule 40 pipe.</p> <p>Sheet C5.1/7 calls for 8" schedule 40 pipe with a plastic sleeve. Please clarify.</p>	<p>Please price the bollards per the detail on sheet 5.1 (8" bollard with plastic sleeve).</p>

Friday, February 21, 2014

Q #	Question	Answer
137	The Fire spec section 283111-7 calls for a graphic annunciator with floor plan displays and LED's. There are no drawings of what exactly that would look like. Usually when a customer wants a graphic annunciator there is a drawing to illustrate it. Is a graphic annunciator needed for this or will a normal annunciator be ok? If a graphic annunciator is needed will a drawing be provided?	Standard annunciator is acceptable. A graphic type annunciator shall not be required.
136	Drawing E1.1/sheet 44 shows emergency battery packs in the high bay area? If there is and electric generator for this project, I would not think that these lighting fixtures would be required?	See response to 89.
135	Confirm that telephone/communications cabling & equipment and sleeves or boxes for voice/data jacks are provided by others.	Telecom cabling and equipment is by others. However, infrastructure components indicated on the drawings such as telephone backboard, empty conduit, empty boxes, etc., shall be part of the contract.
134	Confirm that Security wiring & equipment is by others.	See response to Question 87.
133	Drawing E0.2, there are three(3) new J boxes total shown that are to be installed. (a) Tel. Note 3/(2) total. (b) Fire alarm for truck sheds/(1) total***My question is do all three (3) need to be sized the same per detail 10 shown on Drawing E6.2/sheet 50 as the bottom of the drawing, and meet the same criteria shown on that detail?	See response to Question 86.
132	Drawing E2.1/sheet 46, shows us to provide a J box per note 8. My question is can we eliminate this J box and run & trench the conduits under the new concrete deck straight to the source. This would be a cheaper way of doing things because there would be no need to run Rigid conduit overhead for the feeders.	See response to Question 85.

Q #	Question	Answer
131	Drawing E2.1/sheet 46, shows a pumping station control panel top left corner of the page, is this by others? Are we to provide the power source only? Who is to provide this panel and if we are, is there a name brand & model# that can be provided? (I'm taking that the site contractor owns this equipment & the sub pump installation is included in the electrical work,under the site contractors scope?)	See response to Question 84.
130	Is the Generator new or existing being relocated? E0.2, sheet 43 says its relocated? Drawing E5.1 shows a generator with us providing a 400 amp circuitbreaker? The specifications tell us to page two paragraph C sys we are to provide everything new through one source, transfer switch, remote annoc., & packaged generator through one source? How is the generator powered, diesel, gas, natural gas,or propane?	See response to Question 58.
129	Is there any mechanical equipment being supported by the roof, either suspended or roof top ?? If so, will need locations and weights.	No roof top equipment, however all internal systems are to be supported by the Metal Building system.
128	Do we know what collateral load to use ??	General contractor shall be responsible to coordinate collateral loads with building manufacturer.
127	Is the crane supported by the building at all ??	Plan 1/S1.1 indicates selected pre-engineered building columns to be designed for crane loads. This is also indicated in Note 7F on Sheet S1.0.
126	Is the mezzanine free standing or supported by the building at all ?? It looks like it is supported by masonry, but need to verify.	The mezzanine floor framing is supported primarily by masonry walls on all sides. A portion is supported by steel beams and posts that are not associated with the main building framing.
125	Sheet A1.2 shows (7) heavy duty hose reels, are they supported by the building at all ??	They are to be supported by the Metal Building system.

Q #	Question	Answer
124	Is the reference to an R-30 Simple Saver Insul System in the walls correct? That is a 2 layer system normally installed in the roof. Purlins spacing (insulation width) is usually 4' to 5'. Not conducive to installation in the walls. This is the insulation shown on the drawings.	The Simple Saver Insul System for walls includes Snap – R thermal break as part of the girt to provide continuous thermal break, this is required.
123	The drawings show tapered rafters, but the spec's note "uniform depth", or straight rafters. Which is correct?	Straight rafters is correct.
122	The drawings show supermarket columns (straight for a section coming up from the floor, then tapered from that point to the haunch). There is no dimension on how high the straight section should be. Also, spec's note "tapered columns" and make no mention of supermarket columns. Which is correct?	See response to Question 105.
121	Can Corle Building systems be considered as an approved building system supplier? What documentation would I need to provide to have them approved?	Alternate Building Systems are acceptable if proven to meet specification requirements by providing submittals required in specification section 133419.
120	We assume that because all the questions have not been answered to date, the due date may change. Please advise as soon as possible if the date is changing.	Due date changes are posted on the project website. It is the bidders responsibility to check the website for the most current information.

Thursday, February 20, 2014

119	Are there Liquidated Damages or Penalty for not making completion date?	Liquidated damages will be assessed in accordance with sections 108.08 and 108.09 of DelDOT's standard specifications.
118	Can we spray paint the entire exposed ceilings with Dry Fall paint meaning steel, purlins and insulation . Hand brush on just the steel is very labor intensive and the insulation normally accepts the Dry Fall spray materials ?	Yes, protect all other materials from paint over spray.
117	Is there a specific maintenance period for the project?	A one year Maintenance Bond is required for this project.

Q #	Question	Answer
116	The bid instructions say the bid performance bond will be turned over to DELDOT 20 days after notice to proceed, the bonding company usually requires the contract before writing the performance bond, will it be available in the time frame?	Your question states “the bid performance bond will be turned over to DELDOT 20 days after notice to proceed”. This is incorrect. The performance bond is required to be submitted by the awarded firm within 20 days after date of official notice of the award. See also Response to Questions 114 and 115.
115	Is a sample contract available for the bonding company?	A sample contract has been included with the Supporting Documents. This is a sample only, not to be submitted. See also Response to Question 114.
114	There is a bid bond form with the bid documents, Is a performance bond form available?	The performance bond is only required to be submitted by the awarded firm. The performance bond form required to be utilized is sent to the awarded firm along with the contract for signature.
113	Please provide clarification on the frame and door specifications. They list different levels and grades...20 ga, 18 ga 16ga, face weld, continuous weld different gauges on frames but do not list where the different levels are required.	Exterior door frames shall be 16 Ga, Interior door frames shall be 18 Ga. Doors same.
112	In Plumbing Division 22 section Piping ,Fittings ,Etc. there is no specification for the underground and aboveground sanitary piping?	See revised specifications included in the addendum.

Tuesday, February 18, 2014

111	In the Project Manual Pay item 401699 Quality Control/Quality Assurance of Bituminous Concrete calls for the contractor to provide a QC Plan. We can't locate where a QC Plan is required other than what is mentioned in this pay item. Please advise if a QC Plan is required for this project.	A QC Plan is required for this project per special provision 401699.
110	Question about the card reader/mortise lock for doors # 1, 4, & 11. Will the same people who are providing the doors also install and provide the Corbin Russwin ML20834 locks with M802 readers?	See response to Question 87, stating that all electronic access control is being removed from the contractor's scope of work. Provide door hardware to match door hardware set No. 2.
109	Building 9 note D-8 requires the relocation of an existing gas tank. This existing tank is LP gas tank. Please advise if this tank is the property of a liquid propane provider. If so the tank should be relocated by the Department's LP provider.	The tank is property of DeLDOT. Contractor shall disconnect the tank from building 9. DeLDOT will relocate the tank.

Q #	Question	Answer
108	The meeting minutes discussed the self-performance ratio to be set @ 10% and that confirmation of the self-performance ratio would be enclosed in an addendum. Please provide confirmation of the self-performance ratio.	The awarded contractor shall perform with its own organization work amounting to not less than 10% of the total contract bid price.
107	Is the contractor responsible to provide CCR (Certified Construction Reviewer) Service and Fees for an independent overseeing engineer?	No. CCR services will be handled by DelDOT.
106	Reference detail 1/A3.2: (4) beams are shown in bay D-E (2) per overhead door. They are not shown on any other plan. Should we assume those beams support a 500lb point at each of the track attachments and the same situation occurs in bays C-D and E-F?	Note: Page 083613-5, Section 2.6.C. Chain Hoist Operator, Select 25lbf force for door operation. The weight of the overhead doors specified is approximately 1,300 lbs, actual weight needs to be confirmed with the door supplier in order to determine beam support weight.
105	Spec 133419-6 2.3 A. and 2.3 A. 1. describes “Standard primary framing system” and tapered columns. The architectural drawings appear to depict straight columns to 7’-4” than tapered above. Should we assume standard tapered columns to the slab?	Exterior Column Type shall be straight to 7’-4” AFF and then tapered for remaining column height.
104	Spec 133419-6 2.4/2.5 A.1.a. describes a 3-coat Fluoropolymer finish for the walls and roof. Since it would save significant cost, is it acceptable to use a 2-coat Fluoropolymer finish if the 20yr panel finish warranty can still be provided?	The two coat finish is acceptable if the same warranty can be provided.
103	Finish Schedule Drawing A6.3 / 29 – Room Finish Schedule stipulates Room 108 notes walls to be painted masonry. Drawing A3.3 / 20, Building Wall Section 1/A3.1/A3.3 notes EPOXY WALL COATING. - Please Clarify	Epoxy coating on the walls of the Wash Bay only.
102	Please specify if the relocated generator is under warranty. If so, is the contractor required to provide testing by a factory certified technician in order to complete the start-up, equipment testing, and certification called out in answer to Question 28. Is a warranty to be provided by the contractor for the generator?	The relocated generator is not under warranty. The contractor is required to provide testing by a factory certified technician to complete start up, equipment testing, and certification. A warranty from the contractor is not required.

Q #	Question	Answer
101	The aluminum window spec calls for single hung windows but the drawings show them to be horizontal sliding windows. 085113-3 2.2 A . Please update specifications along with glass requirements for these windows.	Refer to question #15
100	A. What will be the cut-off date and time for any future questions. B. Do you have a time table for the issuance of addendums.	A. Questions are accepted no less than six (6) business days prior to bid date. B. Response forthcoming.
99	Please provide minimum & maximum moisture vapor transmission requirements.	Vapor barrier indicated on the drawings shall be 10 mil polyurethane.
98	Does the finish floor system require UV Protection & Chemical Resistance? Please clarify.	No. Specification Section 071800 – Traffic Coating.
97	Please identify room location of traffic coatings:	Service Bays only.
96	Specification Section 071800 – Traffic Coating There is not a completed system thickness listed / intended, please clarify.	Provide minimum 15 mil thickness per component coat.

Friday, February 14, 2014

95	Sheet c 5.1-7 shows 8" DIP cl-52 water main. The Contract bid proposal page #43, bid item # 2 indicates 8" C-900 PVC. Please clarify.	8" PVC C-900 will be considered an approved equal for 8" DIP.
94	Can ALL "NEW Rotomillings" and "excavated borrow type F" be permanently stockpiled on site?	See response to Question #91.
93	Please confirm if all exposed piping systems and conduits are to be painted. Does this include lube piping systems, air piping systems etc.?	Painting of piping on the interior of the building is not required. Refer to specification section 221116 for requirements of Piping and Ductwork identification standards.

Q #	Question	Answer
92	Please provide a specification for the P-10 Service Sink. It is listed on the plumbing fixture schedule, but has no description in specs section 224213.	<p>Please use the following:</p> <ol style="list-style-type: none"> 1. Service Sink: The service sink shall be 22-1/4" in length and 18-1/4". Sink shall be made of cast iron with acid resistant enamel finish. Sink shall be single compartment with drilled back K-6714. Sink shall have a rim guard. Sink shall be Kohler Model K-K-6714-0, or approved equal. 2. Strainer: Jomar Model SS-306 Snap-N-Loc basket strainer with brass lock nut and tail nut. Deep cup body and basket shall be 300 series stainless steel or approved equal. 3. Drain: Provide with Kohler K-6672 adjustable trap standard for 2" pipe connection with cleanout plug and strainer or approved equal. 4. Faucets: Chicago Faucet Model 305-VBRCF fixture mounted faucet with short vacuum breaker spout, pail hook, 3/4-inch hose thread outlet, R adjustable stop supply arms, 320 wrist blade handles and chrome finish or approved equal.
91	Please advise if the department will accept excess spoils materials generated from excavation and embankment activity to remain on site for DelDOT's use.	No materials will be accepted except for millings approved by the engineer.
90	There is no pay item for the 6" of Bituminous Concrete Base Course shown in the Hot Mix Asphalt Paving section detail 1 on sheet C 6.0 / 9. Please advise if the bid form will be revised to address this pay item.	See response to Question #11
89	Drawing E1.1 / sheet 44 shows emergency battery packs in the high bay area? If there is an electric generator on this project are these fixtures required to have battery back up?	Yes, the emergency battery packs are required per code, since the life safety loads & standby emergency loads are not separated on the generator.

Q #	Question	Answer
88	Who is providing the telephone system equipment and wiring? Who is to provide telephone system raceways?	DeIDOT is providing the telephone equipment and wiring. The contractor will be providing the raceway.
87	Who is providing the security system wiring and equipment? Owner or Contractor?	<u>Security system and access control system are not required.</u> NOTE: modified 03/06/14
86	Drawing E0.2 there are three (3) new j boxes total shown that are to be installed. a. Tel. note 3 / (2) total b. Fire alarm for truck sheds / (1) total Do the all (3) j boxes need to be sized the same per the detail 10 shown on Drawing E6.2 / sheet 50 at the bottom of the drawing?	Yes, all of the exterior junction boxes shall be sized per Detail 10 on Drawing E6.2 and response to Question #36.
85	Drawing E2.1 / sheet 46, shows us to provide a J box per note 8. Can we eliminate this J box and run & trench the conduits under the new concrete deck straight to the source?	Yes, the conduits may be run the under the concrete deck straight to the source. All the conduits shall be run to the Mechanical Room with the exception of the one conduit associated with the fire alarm system, which shall be run to the FACP.
84	Drawing E2.1 / sheet 46, shows a pumping station control panel top left corner of the page. Who is to provide this panel and if we are is there a name brand & model # that can be provided?	Please see Spec. Section 221313, Para. 2.3. If an equivalent pump station is used, a compatible control panel to be furnished by the pump manufacturer selected.
83	Is the Generator new or existing being relocated? E0.2, sheet 43 says it's relocated? Drawing E5.1 shows a generator with us providing a 400amp circuit breaker? Specification section 263600 -1.4 - C says we are to provide everything new through one source, transfer switch, remote annunciator., & packaged generator through one source? The plans and specs seems to be asking for two different things.(Also as it stands now I'm not sure how the generator is powered? Diesel, gas, natural gas, propane?	See response to Question 58
82	Please provide a sequence of operation for fans and MOD's. There is nothing on either the mechanical or the electrical."	Refer to drawing M7.1 (39 of 59) for description of fan system for normal operation and purge cycle. Simple thermostat control for ventilation, with interlock of fan and motor operated dampers as described on floor plans.

Q #	Question	Answer
81	Re: Acoustic Ceiling and Grid System – Drawing A1.1 / 13 – Partial Ceiling Plan shows 2 X 4 Acoustical Ceiling System. Drawing A6.3 / 29 – Interior Finishes – Ceiling specifies 2 X 2 Acoustical Tile. Please clarify.	A 2 x 4 Acoustical Ceiling System is required.
80	Re: Existing 1 Story Block Building @ +or-6725 SF. It is our understanding and contrary to comments made during the Pre-Bid Meeting and noted in the minutes Page 20 Line 22 through 24 inclusive and Page 21 Line 1 through 17 that there is presently hazardous materials within the structure. Also this building may not be abated, air quality tested and demolished until the new shop is up and 100% operational, therefore creating a second mobilization for the demo, site and possibly paving crews. Considering all of this, will there be additional time added to the contract?	Building 1 has been removed from project scope. See revised breakout sheet to be included in addendum.
79	The buildings, shops and garages that are being demolished for the most part have been constructed with concrete slabs on grade. Most of the areas where these structures are located will be repaved, would it be considered permissible to leave the concrete slabs / pads and install the new bituminous paving over the existing concrete slabs?	Foundations must be rubbleized to 12” below finished grade.
78	Specification 042000 Unit Masonry does not indicate what type of split face block is required for this project. Also, drawings show an accent band for the walls. Are we to price standard colors for these? Please clarify.	Full 8”x16” split face block is required. Please price standard colors.

Thursday, February 06, 2014

77	Floor Coating as Specified and Scheduled on Drawing A6.3 / 29 Please be advised that we have just been informed by the specified supplier / manufacturer, that the specified (5) Five Year Warranty is not feasible with the specified product.	<u>Please refer to Spec Section 096723 Resinous Flooring for material requirements in Addendum.</u> NOTE: modified 03/11/14
----	---	---

Q #	Question	Answer
76	On A6.1 doesn't show what the glazing is for the sliding window. The spec 0851136 Line 1.2 Performance Requirements, paragraph "C" called out a "Windbourne-Debris Resistance" glazing. Need impact rated glass, if so, what is the make up of the glass.	Refer to question #15
75	Can we expect to have the bid date be moved to allow time to deal with the answers to all of the questions?	A two (2) week extension will be issued.
74	Aluminum Window Section 085113 Item 2.3 states to refer to Division 08 Glazing for glass units and glazing requirements. There isn't a "Glazing" section in the specifications. Please provide this information.	Refer to question #15
73	Same as Question 74.	See response to Question 74.

Friday, January 31, 2014

72	The following question pertains to the Finish Schedule, Drawing A6.3/29 Please review and clarify "PRE FINISHED INTERIOR PANEL" is that the same FRP Material as scheduled for the Wash Bay or a different composite finished panel system? Please clarify and or specify the material required.	FRP Panel is correct.
71	Drawing E5.1 - the riser diagram does not show any secondary conductors from the pole to the C/T cabinet. Are we responsible to furnish and install the secondary's and if so we need the type of wire and size.	Refer to responses to Question #57
70	Drawing E0.2 - shows the relocation of an emergency generator, where is being relocated from and who is responsible to relocate it.	Refer to responses to Questions #25 & 27
69	Would you consider stopping the Epoxy Floor / Base System at the top of the first CMU course in lieu if the specified 6" Height above finished floor?	Yes this is acceptable, stop flooring at top of first CMU course.
68	Will the department accept existing millings to be removed/demolished under the proposed work to be stockpiled onsite for the department's future use?	Millings approved by the engineer will be accepted. NOTE: modified 03/06/14

Q #	Question	Answer
67	Drawing C 3.0 note D-20 requires the contractor to remove an existing macadam millings stockpile from the site. Please confirm that this work is to be performed under the contract. If so please provide an estimated quantity for bidding purposes.	We will not be relocating this pile. Please disregard this note and see revised demolition breakout sheet <u>in Addendum</u> . NOTE: modified 03/11/14

Tuesday, January 28, 2014

66	There is a fixed shower bench shown on the drawing but not specified anywhere. Is this part of the project or being furnished and installed by DelDOT? If to be supplied under this contract, please provide vendor or model number and manufacturer.	Supplied under the contract, refer to attached sketch SK-1, dated 3/04/14 included in the Addendum.
65	Please have the Engineers compute and supply weights for Lubrication Servicing Reels with material, hose lengths and required beam size for hanging the reels once you have selected the hose reel supplier / manufacturer and or lubrication company.	Refer to drawing detail 2/A5.2 for weight information, also refer to manufacturer.
64	There are (4) Four Portable Fire Extinguishers called for on the drawings and (9) different types specified? Specification Section 104416-2 Item #2 Paragraphs "B" through "J" inclusive. Please clarify.	Provide dry chemical 20-B type extinguishers.
63	In as much as there are only two sliding windows, will testing be required per PARA 3.2 Spec 085113? Testing would be much greater than the value of the windows.	See response to Question #16.
62	In reviewing the aluminum window spec, does this project require windborne debris criteria for these two sliding windows?	See response to Question #15.
61	Drawing C4.0/5 Note N-10 states new concrete aprons for Buildings 15 and 17. There is no unit cost shown on bid form. Where will this cost be incorporated?	These buildings had concrete aprons installed when they were built. Please omit this from your bid.
60	Please provide a detail for the precast concrete oil/grit separator, there is no detail provided in the drawings.	Provide a gravity API style 253-T-SA-125 by Oldcastle Precast or DelDOT approved equal

Monday, January 27, 2014

59	Schematic E5.1/48 Note 2 calls for 2 sets of 4 #250kcmil and 1 #2 gw in 3" conduit while Detail1 on E6.2/50 calls for 3 4" conduits; which is to be used?	The contractor shall provide 4" conduits for the ductbank, however 3" conduits are acceptable between the pull box in the shop area and ATS 1 located in the Mechanical Room.
----	---	---

Q #	Question	Answer
58	Schematic Power Riser Diagram E5.1/48 shows a 150kw generator with a 3 pole 400 amp breaker. Is the breaker existing? Where is the generator currently located? Who is responsible for disconnecting it from its current location? Who is responsible for moving it to the new location? Who is responsible for startup? Who is responsible for fuel? Is testing required? Is there an existing service contract on the generator? Is the existing ATS going to be reused?	Refer to responses to RFI Questions #22, 23, 24, 25, 27, & 28 for the majority of your questions. The ATS switch shall be new.
57	Schematic Power Riser Diagram E5.1/48 does not state who is providing the cables from the existing pole? where the transformer will be located, if it is existing or new and who will be providing it? Is the electrical contractor responsible for the cables and/or transformer and if so, please provide sizes and specs, location, make/model numbers.	Contractor shall provide 2 sets (4#250KCMIL+1#2GW) from pole to the building. Transformer will be provided by the utility company.
56	Schematic Power Riser Diagram (E5.1/48) calls for a 3 way 4" concrete encased ductbank for utility feeder but Detail 3 on E6.1/49 shows 3 4" PVC conduits for power but not concrete and in detail 5 on E6.1/49 it states that 2 way and 3 way ducts do not require concrete. Is concrete required for this ductbank?	The Utility Ductbank shall be concrete encased.
55	Detail 10 on drawing E6.2/50 shows the communication junction box as being only 83/4" deep; is this correct?	Refer to response to Question #36.
54	I have a question about the Fire System. Please let me know if Honeywell, Silent Knight is an acceptable Fire alarm system to install for the Deldot Magnolia Yard project?	Honeywell, Silent Knight is an acceptable alarm system.

Friday, January 24, 2014

53	Drawing E1.1/44 shows 4 dual head emergency lights but those fixtures do not appear on the Lighting Fixture Schedule on Drawing E0.1/42. Are they to be included in the project and, if so, is there a make/model to use?	Dual head emergency lights shall be provided. These fixtures shall be Dual Lite model # EZ-2-I or approved equal. The emergency light located in the Wash Bay shall also be provided with Shield with neoprene gasket (model# VRS-4X).
----	---	--

Q #	Question	Answer
52	Please confirm if dry shake hardener is required on the slab on grade or mezzanine deck.	Dry shake hardener is not required.
51	Please confirm the slab finish for the concrete slab on grade. The concrete specs reference a number of floor finishes.	Epoxy floor finish, refer to Specification Section 096723 – Resinous Flooring, included in the Addendum.
50	Please confirm that the project is not subject to LEED certification.	Confirmed, no LEED certification is required.
49	The specifications call for trap primers at floor drains however the drawings do not indicate any. Please clarify if trap are required.	They are required. See Specification Sections 224213, Part 1.1.N, Part 2.2.G-1, Part 2.2.K, Part 3.3.H
48	Drawing P 9.1 Plumbing Schedules shows an Expansion Tank but no expansion tank is shown on the plans nor the single line diagram for the domestic water	Expansion tank to be installed on cold water service line. See revised plan sheet 57 included in the Addendum.
47	Please provide specifications for the waste oil sump pump.	The waste oil pump has been removed from the contract. It will be supplied and installed by owner.
46	Drawing P 1.3 is missing note 1	See revised drawing, to be included in addendum.
45	Drawing P 1.2 is missing notes # 1, 3 & 4	Note 1 is not used. See revised drawing to be included in addendum.
44	Drawing M 1.1. is missing notes # 4 & 6	See revised drawing to be included in addendum.
43	Are the published Meeting Minutes and Sign-In Sheets to be noted as an Addendum and recorded as such on the Bid Form? If so please assign the correct date and addendum number.	Yes, these documents will be included in the addendum.
42	What voltage is available for the sewage grinder pump station shown on sheet C5.2/8?	The available voltages are 208/120V,3-Phase.
41	Can you please confirm if the aforementioned project will require a Lubrication Dispensing System!	Yes, specs will be included in an addendum.

Q #	Question	Answer
40	Not specifically noted but were sub-contractors required to attend the Pre-Bid Meeting?	No, only firms submitting bids were required to attend.
39	Who will be supplying the System Computer, Specifications are not clear, please clarify.	This building does not have an automated building maintenance system.
38	Intrusion Burglar Alarm System is NOT on the drawings but is listed in the Project Bid Document Specifications, please review and clarify.	Burglar Alarm System is not included in this project.
37	During the Pre-Bid Meeting you mentioned that we must list each of our Sub-Contractors. I have reviewed the Bid-Documents in depth but have not been able to locate any type of form to provide the sub-contractor listing, what am I missing? Is there such a form and if so where in the documents can it be found.	This document will be included via addendum.

Tuesday, January 21, 2014

36	DWG-E6.2-Detail #10-Exterior Junction Box. The detail is showing a box extenuation at 8-3/4" deep ,not a box. Please advise what will be required for this item. 18" ,24",,or 30" deep box?	Exterior junction box shall be 30" deep with an open bottom.
35	DWG-E6.2-Detail #6- Cord Reels. Will there be any Manufacturers and model #'s issued for this item?	The contractor shall submit manufacturer and model number of cord reels that comply with the specifications and detail #6 on sheet E6.2.
34	DWG,E6.1-Detail #2 -Test Wells.. This detail list Warren Lightning Rod Co., Model # 3132 for the test wells.We have contacted Warren Lighting Rod Co.,and this is NOT something that they make or sell. Spec. sec. 260526-4,3.4-D, test wells, call for a Harger # GAW910 or approved equal. Please advise	Test wells shall be by Harger or approved equal per the specification.
33	Do you want NEMA 4 motors on the Wash Bay Doors?	The associated devices in the Wash Bay shall be rated Nema 4X.
32	Is the interior Roll-Up Door to the Wash Bay a Rolling Steel Door or a Sectional Door?	This should be a high lift type sectional door.

Q #	Question	Answer
31	The specifications call for standard radius track. Elevations show the need for high lift track to almost 6Ft. Is there a reason for the standard radius track?	Track height should be coordinated with lighting and heating devices as well as vehicle service heights, in the service bay. High lift doors are required.
30	Do all six (06) exterior doors get key switches?	No.
29	What do you want in the type of exterior door, SECTIONAL or ROLLING STEEL as both specifications are listed. NOTE: (if sectional, there is one door that meets your air-infiltration requirements and thickness. This door only comes in the color white. Is that acceptable?)	Overhead sectional doors shall be provided and white color is acceptable.

Friday, January 17, 2014

28	If disconnects and relocation is by the Electrical Contractor, who will be responsible for Start Up, Equipment Testing and any required certification.	The contractor is responsible for all start up, equipment testing and certification.
27	The following questions pertain solely to the "Emergency Generator" and it's relocation from an area adjacent to Building #1 scheduled to be demolished and removed to the South West corner of existing building #12. Information in the Bid Documents is not clear with regard to the actual relocation procedure and responsibilities. Please review, provide clarification to the following: Disconnects and relocation to be completed by who?	The contractor is responsible for the disconnection, relocation, and reinstallation of the emergency generator and all of its associated components.
26	DWG,E2.1, Pull Box Detail, Is the spare 4" conduit from the generator to stop at the pull box ,or is it to be ran to the mechanical room?	Both the spare 4" and spare 1" conduits shall be extended to the mechanical room.
25	Where is the generator being relocated from?	It's current location, Northwest of the existing shop.
24	Is there a generator company that has an existing service contract on the generator?	Curtis Engine & Equipment, Inc. 3915 Benson Ave Baltimore, MD 21227-1406 Website: www.curtisengine.com
23	Dwg note 1, are we to provide the 3p 400A CB for the generator?	The 3P-400A CB at the generator is existing to remain and shall be reused under this project.

Q #	Question	Answer
22	Who will be setting the relocated generator?	The contractor shall be responsible for relocating the generator.
21	The note for the 3-way 4" duct bank, What is (3Hx1V)?	3 Horizontal x 1 Vertical
20	Are we responsible for the concrete transformer pad?	Contractor is responsible for the concrete pad for C/T Cabinet <u>and shall be paid for under item 763569 "BUILDINGS ."</u> NOTE: modified 03/06/14
19	Who provides the transformer, and what size is it?	Transformer shall be provided by the utility service.
18	DWG, E5.1, Power Riser Diagram. The box marked "C/T, is this the pad mount transformer location?	No, the C/T is the location of the utility current transformer cabinet.
17	RE: EQUIPMENT SCHEDULE – Drawing A1.3/15 Please provide complete description of lubrication equipment servicing items as noted to be furnished by "General Contractor". Item description for each piece of equipment should include manufacturers, models numbers for pumps, tanks, hose reels etc. Drawing P1.2/54 R1 dtd10-8-12 notes that tanks are "Under Another Division"? Please review and clarify.	Antifreeze is not included as part of the lubrication system. See revised specification 011143 in Addendum.
16	Regarding Section 085113 3.2, will testing be required since there are only two sliding windows? Testing would be much greater than the value of the windows.	<u>The requirement is hereby waived.</u> NOTE: modified 03/11/14
15	Regarding Section 085113, does this project require windborne debris criteria for the two sliding windows?	Provide 1" total thickness, insulated glazing. Outer pane to be 1/8" heat strengthened clear glass with Low E coating, inner pane to be 1/4" heat strengthened with 0.030 clear polyvinylbutryal sheet.
14	We are requesting the requirement for the Fabricator and the Erector's AISC Certification, noted in 051200 1.7 be waived.	The above requirement is hereby waived.
13	Are Buildings 12 through 18 shown on Drawing C4.0/5 in this contract?	These building are already built and not included in this scope of work. Paving is included up to the building, with the exception of the 5' spaces between buildings 12/13 and 14/15. These spaces are in actuality 10' wide but DeIDOT is fine with keeping the existing surface as millings.

Q #	Question	Answer
12	Note D-2 of Drawing C3.0/4 states to remove existing Macadam Paving. What is the thickness of this existing paving?	The depth of existing pavement varies.
11	Bid Form has Items #0110 Type C and #0120 Type B Paving. Drawing C6.0/9 shows Type C, Type B and an additional item - 6" of Super Pave 64-22. There isn't a unit price listed for this Super Pave 64-22 paving on the bid form. Please advise.	The 6" layer of superpave BCBC is no longer included in the proposed section. See revised sheet 9 for correct section included in the Addendum. NOTE: modified 03/11/14
10	Specifications, manufacturer and model # is needed for the 5 ton overhead crane shown on Drawing A1.2/14.	See response to Question #6.
9	Manufacturer and model #'s are needed for Items 24, 25 & 34 of the Equipment Schedule shown on Drawing A1.3/15.	#24 - 250 Gallon Waste Oil recovery tank – SBI Manufacturing , 30"Wx60"Lx33"H, steel, powder coat finish, meeting UL 452, or approved equal. #25 – 500 Gallon Waste Hydraulic tank – Pride Panther HP/Balcrank steel double wall tank or approved equal. #25 – 60 Gallon Waste Hydraulic tank – Pride Panther Balcrank steel double wall tank or approved equal. Models may be found through manufacturer web site.
8	Specified Items, Doors, Frames, Windows etc. that require "Mock-Up" construction, will you permit these items once approved to be utilized in final construction?	No mockups will be required for any items.
7	Please review Scale for Ceilings, A1.1/13.	Detail 3 on sheet A1.1 is 1/8" = 1' – 0".

Q #	Question	Answer
6	Please provide complete information for the 5Ton Overhead Crane. Information required, Structural Design, Crane Type, Manufacturer, Electrical Requirements, Specific Safety Requirements and Hoisting Heights with Limits.	The 5 Ton overhead crane shall be manufactured by Harrington or approved equal. The single girder and guide rails shall be provided as required and coordinated to meet the crane manufacturer's requirements. The crane shall be a premium electric wire rope hoist type crane with high strength forged steel hook, heavy duty motor operation. The crane span shall be 43', 20' lift and running speed of 80 FPM. The motor shall be 3 phase, 460/230 Volt. The crane shall have a pendent, track rolling controller. The girder and associated equipment that is required for crane movement and operation shall be part of the crane requirement to provide the Owner with a fully operational overhead crane. Harrington Hoists and Cranes MODEL NUMBER RH05S-23S4M-2-H
5	Specification Section 072200: Is this section applicable to this project?	Roof and Deck insulation is not applicable, the roof insulation shall be provided as part of the pre-engineered metal building package.
4	Is there a Framing Detail for the Hose Reels as shown on the Architectural Drawing's but not noted, shown or detailed on the Structural Drawings. (W12 x 45 noted on drawing A3.2 Building Section-1) (Drawing A5.2 Reel Rack Detail 2/A5.2) Please review, clarify and provide additional information as may be required for pricing.	The information provided for the equipment support beam provides fabricator with information for bidding. The connection requirements for the reels should be provided by the reel manufacturer. <u>Responsibility for hose reel support is by the Metal Building Fabricator.</u> NOTE: modified 03/06/14
3	Within Specification Section 055000, Item 2.9 METAL LADDERS are noted. Unable to locate same within the Bid Documents, please clarify.	The original design included a ladder which was replaced by the stair design to access the mezzanine. A ladder is not required for this project.
2	Are the concrete aprons shown for Buildings 16 & 17 to be include or are they N.I.C.	These aprons are already constructed and not included in this scope of work.

Q #	Question	Answer
1	Please confirm that "NO WORK" is to be performed at BLDG's., 12, 13, 14, 15 & 16. Those structures are considered N.I.C.	These building are already built and not included in this scope of work. Paving is included up to the building, with the exception of the 5' spaces between buildings 12/13 and 14/15. These spaces are in actuality 10' wide but DelDOT is fine with keeping the existing surface as millings.