Delaware Department of Transportation

QUESTIONS AND ANSWERS

T201680102.01

MAGNOLIA TRUCK WASH, KENT COUNTY

Thursday, August 04, 2016

Yellow highlighting = previous questions answered in this posting:
Q45

Q #	Question	Answer
49	We would like to submit the Merchant & Evans Expression Series EX 122 as equal to the specified Centria product. The gage and profile will be in accordance with the specification.	Merchant and Evan's Zip-Rib Expression Series EX122 Panel will be considered an approved equal to the Centria CS200E wall panels specified under section 074213.13. The panels must be equivalent in material and gage, and able to be installed vertically.
48	Question being clarified.	Response forthcoming.
47	We hope that you consider the product as an or equal as we have done many projects using the same for DE-DOT. Please advise as quickly as possible.	Merchant and Evan's Zip-Rib 2-1/2" SS Panel will be considered an approved equal to the Centria SRS3 roof panels specified under section 074113.13.
46	The specs for Overhead doors. OHD #625 is Not SS door. Its a galvanized insulated service door. Our company wants to bid but specs are unclear.	Basis of Design product, Overhead Door model 625, is available in the materials specified in section 083323. This has been confirmed with the manufacturer.

Q #	Question	Answer
	Friday, July 29, 2016	
45	There are numerous electrical/plumbing/structural requirements for the truck wash equipment not shown on the contract drawings. We've attached preliminary shop drawings from the basis of design manufacturer. Please amend the contract drawings to indicate the missing scope items. The enclosed list is intended to indicate some of the required information and is not a complete list: a. Architectural Sheet A 101 shows a grid grating system that is not indicated on the structural drawings. Part of the grating is provided by the truck wash vendor however additional trench grating and angle frame will be required as well as significant formwork and concrete not indicated on the contract drawings- Reference page 13-16 of 18 in the attached. Please provide further direction on the details associated with the pre-fab trench and formed and poured trench drain required to coordinate with the truck wash system	a. Will be addressed via addendum. Will revise drawing S-101 and S-300 for details.
	b. Low voltage interconnecting wiring not shown on the contract documents from J Box to low voltage equipment.	b. Wiring from J Box to low voltage equipment to be provided by wash system vendor.
	c. Low Voltage wiring / conduit from wash bay equipment to the MCP	c. Will be addressed via addendum. Will revise drawing E-103 for wiring from wash bay equipment to the MCP.
	d. Line voltage required for traffic light	d. Will be addressed via addendum. Will revise drawing E-103 for wiring for the traffic light.
	e. 10" Floor drain and underground piping required at de-mucking pit not shown on contract docs	e. Will be addressed via addendum. Will revise drawings P-101 and P-201 for piping for floor drains coordinated with wash system drain pits. 8" drain is provided in lieu of 10" drain due to requirements of oil-water separator. Will revise Section 221316 to specify schedule 80 PVC piping for underground sanitary. Sections 2.1, 3.4, and 3.6 will be updated.
	f. Underground plumbing pipe is required to be galvanized sch 40 pipe per manufacturer's spec but we can't locate this requirement in the contract docs	f. Will be addressed via addendum. Underground plumbing piping to wash system equipment shall be schedule 80 PVC per the wash system piping diagrams. Specification 221116.2.1 will be updated.

Q #	Question	Answer
44	The Basis of Design Truck Wash Manufacturer Rep requires a 25% deposit for the truck wash equipment at the time of purchase/contract. Will DelDot allow billing and payment for the deposit amount?	DelDOT will not pay for the equipment until it is delivered.
Wednesday, July 27, 2016		
43	This is a request for substitution, in lieu of the specified Centria panels for the roofing and siding we would like to use Fabral.	Fabral 2-1/2" SSR will be considered an approved equal to the Centria SRS3 roof panels specified under section 074113.13. Fabral Silhouette HCF 12-1C (horizontal) is not considered an approved equal to the Centria CS-200E (vertical) under section 074213.13 as the information provided does not indicate the product's use in a vertical orientation as indicated on the drawings and specifications.
Monday, July 25, 2016		
42	Reference A1 & A2 on S-101 there is reference to apply foundation Waterproofing to all block below grade . What product is to be used if any?	Refer to specification 071416.
41	Parging is listed in the spec. but is not shown on the drawings. Does the CMU get parged below grade? (may not apply if a waterproofing product is applied to the CMU)	CMU parging does not apply to this project. Below grade CMU is to receive waterproofing. Disregard 042200-3.13.
40	Reference item from 042200 spec 1.2 A. Item 7 Masonry-cell fill not shown on the drawings. Does Masonry-cell fill apply to this project ? If so what product do we use?	Masonry-cell fill does not apply to this project. Disregard 042200-1.2.A.7.
39	Per the spec section 1.6., B.2. Lists integral water repellant in the CMU Sent the question to the Regular & glazed CMU suppliers What's the ad for Dry block in the CMU and the qts. bottles of the admixture for the mortar Regular and the glazed units?	Follow manufacturer's recommendations. Acceptable manufacturers are listed in the specification.

Q #	Question	Answer
	Wednesday, July 20, 2016	
38	Answer 11 – Answer is confusing. All specs requiring testing state the Owner will provide such testing and special inspections as required. Please confirm the spec language is not changed.	DelDOT will have an inspector and qualified testing agency (DelDOT Materials & Research) onsite to perform the proper inspections and testing as outlined in Spec 033000-3.16 Field Quality Control. All findings and test results will be provided to the Contractor upon request. However, this in no way negates the Contractor of any Quality Control responsibility. DelDOT is only testing and inspecting for their own interest to verify the Contractor is meeting the specifications.
37	Question 17 – can we connect to owner's existing electric / water services and provide submetering and pay for use charges associated with the construction?	DelDOT will allow the contractor to submeter all utilities and pay for use charges associated with construction.
36	Question 27 requested specifications for the Epoxy Floor System – Response for Q 27 states to utilize section -099600 High traffic coatings enclosed in addendum 2 – High traffic coating specs states… to be install on horizontal concrete, cmu and steel. Is the specified coating to take the place of the Tnemic Coating specified in the structural notes to be applied to all steel joists and deck ? Are glazed cmu units to be painted with the specified systems in 099600? Please confirm the specified product is intended to be used on the concrete slab. The Macropoxy system does not achieve slip co-efficient and mil thickness ratings typically seen in other DelDOT Epoxy Floor Installations.	Section 099600- High Performance Coatings has been revised as part of this addendum. Glazed CMU are not indicated to be coated. Non-glazed CMU painting is found in section 099123- Interior Painting. Section 099600 does not take the place of coatings specified in structural notes.
	Tuesday, July 19, 2016	
35	Is it possible to find out for sure if this is a single wall or double wall 4k G ows?	The interceptor will be single wall construction. Specification section 221323.2.1.I.2 shall be revised to the following: Internal surfaces coated with 20 mils DFT solvent-free, two component polyurethane lining. The lining must comply with UL SU2215 and be subjected to the required Physical Properties, Corrosion Resistance, Permeation, and Impact Tests. Lining shall be subjected to a Holiday test to ensure continuity.

Q #	Question	Answer
	Friday, July 15, 2016	
34	On P-101 the schedule list the oil separator, but does not have any info on the control panel for the oil separator. Please clarify.	Audio/Visual alarm system and control panel are indicated per specification section 221323 in Addendum 2.
33	Please confirm polycast trench drain system is to be manufactured with 1% slope	Correct
32	Please provide concrete slab slope requirements.	2%
31	There appears to be conflict between two underground chassis wash apparatus and the polycast trench drain running in the center of the wash bay. Please clarify the construction details in these conflict areas.	The referenced chassis are at a higher elevation than the trench drain and not in conflict.
30	I cannot find these numbers in the Appendix A Technical Specifications: 220719 – 221119 – 221323 – 230000 -230529 - 220524	These specifications will be included in Addendum 2.
29	The index shows 099600 a high performance coating but there is not a specification section for this.	Specification 099600 will be included in Addendum 2.
28	Is there an exterior painting spec?	There is no exterior painting scope.
27	Is there a spec for the epoxy floor?	Refer to Specification 099600. This section will be included in Addendum 2.
26	Will the owner accept equals to the Centria SRS3 roof panel & CS 200E wall panel? It is currently basis of design.	Per the roof and wall panel specifications (074113.13 and 074213.13), approved equals are allowed.
25	Respectfully request an extension to the bid due to the pending addendum information. Can bids be extended to 7-26?	The bid due date has been extended in Addendum 2 to July 26, 2016.
24	We cannot find the door hardware specifications. Please advise.	Refer to specification 087100 and revised sheet A-801 for door hardware information in Addendum 2.
23	What pay item is to be used to pay for existing asphalt saw cutting and removal?	There is no hot mix as part of the scope of this project that cannot be removed through standard excavation methods.

Q #	Question	Answer
	Wednesday, July 06, 2016	
22	Are we required to complete a pesticide treatment of the soils prior to pouring the footings and slab?	Yes.
21	Given the time constraints for the project will the submittal review process specified in section 013300-C 1-3 be expedited in order to meet the demands of the construction schedule.	The calendar days have been extended which should negate any expedited needs.
20	Please specify if the Owner or contractor is responsible to hold the Progress Meeting and record the minutes required in section 013100 –E.	The Contractor is responsible to hold the Progress Meetings and record the minutes.
19	Will the Owner pay for the building permit through direct reimbursement as done with previous Department building projects?	Yes.
18	Pay Item 763569 Buildings discusses a Mandatory Pre-Bid Meeting with attendance of the same necessary for Prime Bidders to submit a bid for the project. Was the pre-bid meeting held on 6-29-16 a mandatory pre-bid meeting?	The Pre-Bid Meeting was not mandatory. This was revised in Addendum 2.
17	Will temporary water and electric be provided by the owner free of charge with the contractor responsible for connection and disconnection?	No. The contractor is responsible for temporary water and electric.
16	Section 099600 High Performance Coatings is referenced in the Appendix A Table of Contents but the specification is not included in the body of the technical specifications. Please advise.	Section 099600 is included in Addendum 2.
15	Please provide specifications for the door hardware.	Refer to specification 087100 and revised plan sheet 18 for door hardware information in Addendum 2.
14	Please specify a hardware set each door opening on the door schedule.	Refer to specification 087100 and revised plan sheet 18 for door hardware information in Addendum 2.
13	Please provide a specification for the epoxy flooring system and clarify if the integral cove base is to be a flashed cove or a painted cove.	Refer to Specification 099600. It is intended for same epoxy painting system to cover the floors and CMU walls.
12	Please confirm if Steel Lintels are to be galvanized.	Yes, all steel lintels shall be hot dipped galvanized.
11	Please confirm the Owner will provide Quality Control Testing for concrete.	DelDOT's lab will be testing the concrete and will provide the contractor with the results. However, the Contractor is responsible for all QA/QC and Means and Method on the project.

Q #	Question	Answer
10	Roof edge details on structural plans do not match the architectural details on A 501. Please provide direction.	Refer to architecture drawings for detailing direction.
9	Please quantify or indicate on the floor plan where details A/3 and A/4 on S-101 take place.	Detail A3 “Expansion Joint” is not necessary for this building, please disregard. Detail A4 “Construction Joint” Depends on the selected contractor’s construction plan, the engineer has no preferred placement on this project and can be eliminated if the contractor can place the slab monolithically.
8	Please provide a saw cutting plan for the floor slab.	Already shown on drawings, shaded line, ------CJ------- on sheet S102 indicate control joint.
7	Please specify the size and thickness of the bent plate running the perimeter of the roof edge shown on details 1 and 3 A 501.	Use 1/8” thick bent plate, minimum 4”x4” legs.
Thursday, June 30, 2016		
6	Will the demo of 24” tall block wall building with roof north of the new structure be provided under separate contract similar to the existing shop being demolished.	Yes.
5	Please confirm pay item 401699 QC/QA of Bituminous Concrete applies to this project.	It does not apply. An addendum will be issued to remove 401810 Bit. Concrete, Type B from the contract.
4	Please provide a detailed schedule of service piping requirements (size/type), valves, gauges etc. for the bus wash equipment.	Piping requirements are included in the division 22 piping specifications. A schedule of piping materials for each application is provided in section 3 of these specifications. The following specifications will be included as part of Addendum 2: 220719, 221116, 221119, 221316, 221323, 222114
3	The contract duration of 150 days from Notice to Proceed seems aggressive given the nature of the construction and potential for long lead items. Does the 150 cd duration include the purchase and installation of the bus wash equipment or is the intent that the bus wash work takes place after the GC turns over the building shell? Can time be added to the 150 d contract duration?	This was addressed in Addendum No. 1. The completion date was increased to 210 calendar days.

Q #	Question	Answer
	Tuesday, June 21, 2016	
2	Ref 1.4 of the technical specifications… “Under a separate contract, the truck wash system that will be housed in the new facility will be procured by DelDOT. The general contractor will be responsible for coordinating with the selected wash system vendor for installation of the system in the new facility.” Will this separate contract be addressed in the prebid meeting or what is the expected date for the release of this procurement?	This was addressed in Addendum No. 1. The referenced separate contract is now included in this contract.
	Thursday, June 16, 2016	
1	On the completion time you have stated 150 Calendar Days and that it is the department intent to issue a notice to proceed such that work starts on or about July 1, 2016. How can that be if the bid is not until July 19, 2016?	It is the Department's intent to issue a Notice to Proceed such that work starts on or about August 30, 2016.