



STATE OF DELAWARE  
DEPARTMENT OF TRANSPORTATION  
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**VIA OVERNIGHT DELIVERY**

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January 21, 2015

Contract No. T201407405.01  
Federal Aid Project No. EBHOS-2014(20)  
STRUCTURE REHABILITATION, CANAL, OPEN END, FY 14-16  
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 1 for the referenced contract consisting of the following:

1. One (1) page, Table of Contents, page iv, revised, to be substituted for the same page in the Proposal.
2. One (1) page, Special Provisions, page 78, deleted, to be removed from the proposal, and substituted with the enclosed sequencing page.
3. The following items have been deleted:  
  
602523
4. Five (5) pages, Bid Proposal Forms, pages 2 through 6, revised, to be substituted for the same pages in the Proposal.
5. Three (3) sheets, Construction Plans, sheets 8, 10, and 12, revised, to be substituted for the same sheets in the Plan Set.
6. For proposal holders with the electronic bid option only, Amendment Disk No. 1.

Please note the revisions listed above and submit your bid based upon this information.

Sincerely,

*signature on file*

James H. Hoagland  
Contract Services Administrator

:jhh  
Enclosures

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12. Test strips for Super-pave items are not required for this contract.
13. All riprap placed in a channel will not require geo-textile underneath. Environmental permits will be required for any riprap placement in waters/wetlands.
14. Channel Excavation does not require environmental permits provided the following conditions are met: 1) work is occurring at a non-tidal location; 2) the sediment is "scooped"—not bladed (pushed). 3) the "scooped" sediment is placed in an upland location. If all of these conditions are not met, work shall not commence until environmental permits have been obtained.
15. Submittals for wet and dry applications are required for Item 602611, Repair of Concrete Structure by Epoxy Injection.
16. Butt joints cut to a depth greater than 2" shall be ramped with hot mix prior to TRM, steel plates or cold patch as directed by the Engineer. Steel plates and cold patch are incidental to work.
17. The paint system used for the structural steel shall be applied in a three (3) coat system application in all stripped and cleaned areas. After the topcoat is applied areas that showed pack rust, as directed by the Engineer, shall be sealed with a paintable caulk with silicone and have one coat of top color applied; payment incidental to Item 605620 – Moisture Cured Urethane Paint System (Recoating), S.F.
-  18. For all bridges in this contract, any cleaning requiring pressure washing shall be incidental to Item 605620 ~~605532 or Item 605533~~. The Contractor shall be responsible to check and monitor the structure during the paint removal process to ensure that damage is not occurring to any part of the structure.
19. During the cleaning operation, the Contractor shall report to the Engineer any defects in the steel. These defects include, but are not limited to, loss of section, cracking, buckling, loose bolts, and loose rivets.
20. Maintenance of traffic shall be as per the detour plans or traffic control case as provided for each bridge. All traffic control devices required shall be included in the bid price for the traffic-related items of this contract.
21. All traffic control devices shall be in new or refurbished condition, shall be in compliance with the Delaware MUTCD and with the NCHRP Report 350, and shall be approved by the Engineer before installation. Traffic control devices shall be maintained in good condition for duration of use.
22. Contract equipment can be stored adjacent to the roadway during appointed construction hours (as deemed by the Engineer). During non-construction hours, all construction equipment shall be removed from all shoulders and lanes. All equipment shall be stored in accordance with the Traffic Control Manual. All traffic control devices

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structural steel shall be brush painted along with spraying when applying every coat of paint of the three-coat system. Cleaning of bearing areas shall be included under Item 605620. After all the bearings have been painted, and after the paint has cured, and after all concrete has been sealed, the contractor shall lubricate all the bearings with a NLGI grade 2 grease either Mobil Centaur Moly grease, Shell Rhodina SDX 2 grease, or an approved equal. Grease shall be black or clear in color. Payment shall be incidental to Item 605620.

29. All concrete surfaces as directed in the Structure Specific Notes shall be prepared and sealed as indicated in Item 602646. All boundaries between sealed and unsealed concrete will be a straight horizontal or vertical line unless directed otherwise by the Engineer or Structure Specific Notes.
30. The contractor shall place a leveling course prior to installation of the elastomeric joint seal. Leveling course shall be a rapid hardening, high early strength gaining mortar. Mortar shall be SikaQuick 2500 or Dayton Superior HD-25, or approved equal. The mortar shall have a minimum compressive strength of 2000 psi in 3 hours. Adhere to manufacturer's recommendations for use of aggregate based on depth of repair. Follow manufacturer's recommendations for lift thickness. Payment for mortar shall be incidental to pay item 605654. Minimum depth of elastomeric material shall be 2" and the maximum gap to be spanned shall be 2". Any temporary measures to open the roadway prior to completion of the joint, plates, cold patch, etc., shall be incidental to item 605654.
31. Two variable message boards shall be placed at each bridge location ten days prior to the start of construction to notify drivers of the lane/shoulder closure and impending construction activity. The message shall include the dates and times of the lane closures and how long the closures will be necessary, message shall be approved by the Safety Officer. For locations that have parallel structures, a total of two variable message boards shall be used for both bridges.
-  32. Patch spalls in the parapet, abutments, and backwalls as directed. Use (602572) for shallow spall repairs, less than 1 ½" deep, use (602586) for deep spall repairs, 1 ½" deep or greater, and use (602001 & 602580) for spall repair deeper than 3 ½" and with a total volume greater than 1 cubic yard.
33. The contractor shall be responsible for coordinating all work and required clearances with Amtrak/Norfolk Southern Railroad in accordance with Item 763502 – Maintenance of Railroad Traffic (Amtrak/Norfolk Southern) if applicable. The contractor shall design, install, and maintain his scaffolding/containment such that railroad flagging is only required during scaffolding/containment installation and removal. Any other railroad flagging shall be the responsibility of the contractor.
34. The structural steel paint color shall be submitted for approval.

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**QUANTITY SUMMARY SHEET**

Item	Description	UOM	Quantity
208001	Flowable Fill	C.Y.	40
210000	Type C Borrow, Trench and Structure Backfill	C.Y.	260
302007	GABC, Type B	C.Y.	130
302008	GABC, Type B, Patching	C.Y.	65
302011	Delaware No. 3 Stone	T	50
302012	Delaware No. 57 Stone	T	65
401821	WMA, Superpave, Type C, 160 Gyration, PG 64-22, Patching	T	85
406001	Warm-Mix Patching	S.Y-IN	425
503501	Crack and Joint Sealing, less than 3/4" wide	L.F.	615
503502	Crack and Joint Sealing, 3/4" to 1-3/4" wide	L.F.	1,300
503509	Joint Waterproofing Membrane, 6"	L.F.	1,000
602001	Portland Cement Concrete Masonry, Class A	C.Y.	65
602002	Portland Cement Concrete Masonry, Class B	C.Y.	65
602516	Grouting	Bag	35
602523	Rehabilitation of Concrete Structure, Epoxy	S.F.	5,000
602572	Repair of Existing P.C.C. Structures	LB	2,000
602574	Deck Repair, 1/4" to 1" Depth	S.F.	60
602575	Deck Repair, 1" to 3" Depth	S.F.	130
602576	Deck Repair, 3" to < Full Depth	S.F.	60
602577	Deck Repair, Full Depth	S.F.	160
602580	Partial Removal of P.C.C. Masonry	C.Y.	15
602586	Rehabilitation of Concrete Structure	C.F.	1,500
602611	Repair of Concrete Structure by Epoxy Injection	L.F.	325
602620	Crack Sealing Bridge Decks	S.F.	640
602646	Silicone Acrylic Concrete Sealer, S.F.	S.F.	13,000
604000	Bar Reinforcement Epoxy Coated	L.B.	5,000
605511	Prefabricated Expansion Joint 3"	L.F.	150
605620	Moisture Cured Urethane Paint System (Recoating), S.F.	S.F.	14,000
605636	Clean and Lubricate Bridge Bearings	EACH	20
605653	Closed-Cell Joint Seal	L.F.	325
605654	Asphaltic Plug Joint	L.F.	275
605692	Silicone Joint Seal	L.F.	2,550
605717	Preformed Silicone Joint Seal	L.F.	700
610502	Pointing Existing Stone Masonry	L.F.	1,200

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