Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22

Call Order: 011

Contract ID: T202107022

Counties: KENT, SUSSEX

Letting Date: November 16, 2021

District(s): 0008

Project(s): ESTP-2021(14)

Federal Aid No: ESTP-2021(14)

Contract Time: 166 CALENDAR DAYS

Contract Description: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22 -
Install pile jackets on pier piles at BR 2-214A (Cow Marsh Road over Cow Marsh Ditch), BR 2-086A (Savannah Road over Muddy Branch) and 3-425 (SR 26 over Vines Creek). Install pile jackets on the pier and abutment piles on BR 2-035A (Carpenter Bridge Road over Murderkill River). Steel shells of cast in place concrete piles originally had a protective coating applied such as coal tar epoxy. Due to age of the bridges and environmental exposure, the protective coating has deteriorated and oxidation has resulted in loss of section of the steel shell. To protect the steel shell, pile jackets will be installed. This will help prolong the useful life of the bridges. At BR 2-086A, the pre-cast concrete piles have scoured somewhat due to tidal currents and jackets will be installed to protect the pile. Follow other incidental construction in accordance with the location, notes and details shown on the plans, and as directed by the Engineer.

Set-Aside:

Vendor Ranking: Contract was awarded on 01/07/22 to vendor EASTERN HIGHWAY SPECIALISTS, INC.

Rank	Vendor ID/Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	Engineer's Estimate	$1,037,462.78	92.98%	100.00%
1	EASTERN HIGHWAY SPECIALISTS, INC.	$1,115,802.80	100.00%	107.55%
2	JJID INC	$1,296,163.70	116.16%	124.94%
3	AGATE CONSTRUCTION COMPANY INC	$1,440,598.90	129.11%	138.86%
4	MUMFORD & MILLER CONCRETE, INC.	$1,450,123.70	129.96%	139.78%

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Delaware Department of Transportation

Tabulation of Bids

AASHTOWare Pr

Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22 **Contract ID:** T202107022 **Counties:** KENT, SUSSEX

Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	Engineer's Estimate		(1) EASTERN HIGHWAY SPECIALISTS, INC.		(2) JJID INC	
		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 Contractor Items		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0010 605504	105.000	700.00000	73,500.00	950.00000	99,750.00	1,060.00000	111,300.00
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 18" ROUND PILE	LF						
0020 605511	228.000	450.00000	102,600.00	800.00000	182,400.00	950.00000	216,600.00
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 16" ROUND PILE	LF						
0030 605512	284.000	1,000.00000	284,000.00	900.00000	255,600.00	990.00000	281,160.00
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 18" U-SHAPED PILE	LF						
0040 605513	150.000	700.00000	105,000.00	900.00000	135,000.00	1,020.00000	153,000.00
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 18" X 18" SQUARE PILE	LF						
0050 613002	11,343.000	3.00000	34,029.00	2.00000	22,686.00	3.40000	38,566.20
SILANE-BASED CONCRETE SEALER	SF						
0060 613003	2,836.000	8.00000	22,688.00	3.80000	10,776.80	4.00000	11,344.00
HIGH MOLECULAR WEIGHT METHACRYLATE CONCRETE SEALER	SF						

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Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22 **Contract ID:** T202107022 **Counties:** KENT, SUSSEX

Line No / Item ID / Item Description / Alt Set / Alt Member		Quantity and Units	Engineer's Estimate		(1) EASTERN HIGHWAY SPECIALISTS, INC.		(2) JJID INC	
			Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001	Contractor Items		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0070	628001	100.000	75.00000	7,500.00	35.00000	3,500.00	134.00000	13,400.00
REPAIR OF CONCRETE STRUCTURE BY EPOXY INJECTION		LF						
0080	628011	1,200.000	8.00000	9,600.00	10.00000	12,000.00	8.00000	9,600.00
CRACK SEALING BRIDGE DECKS, APPROACH SLABS, SIDEWALKS, ETC		LF						
0090	628020	250.000	75.00000	18,750.00	24.00000	6,000.00	65.00000	16,250.00
ROUT AND SEAL CRACKS		LF						
0100	628042	3.000	5,000.00000	15,000.00	9,000.00000	27,000.00	5,200.00000	15,600.00
REHABILITATION OF PORTLAND CEMENT CONCRETE MASONRY		CY						
0110	763000	(1)	47,645.78000	47,645.78	45,000.00000	45,000.00	60,000.00000	60,000.00
INITIAL EXPENSE/DE-MOBILIZATION		LS						
0120	763522	(1)	10,000.00000	10,000.00	10,000.00000	10,000.00	4,100.00000	4,100.00
COAST GUARD SPECIFIC CONDITIONS		LS						
0130	801000	(1)	30,000.00000	30,000.00	35,000.00000	35,000.00	103,000.00000	103,000.00
MAINTENANCE OF TRAFFIC		LS						

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Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22 **Contract ID:** T202107022 **Counties:** KENT, SUSSEX

Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	Engineer's Estimate Unit Price	Engineer's Estimate Ext Amount	(1) EASTERN HIGHWAY SPECIALISTS, INC. Unit Price	(1) EASTERN HIGHWAY SPECIALISTS, INC. Ext Amount	(2) JJID INC Unit Price	(2) JJID INC Ext Amount
SECTION: 0001 Contractor Items		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0140 802003	160.000	100.00000	16,000.00	22.00000	3,520.00	24.00000	3,840.00
ARROW PANELS TYPE C	EADY						
0150 803001	160.000	100.00000	16,000.00	95.00000	15,200.00	89.00000	14,240.00
PROVIDE AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	EADY						
0160 804001	60.000	100.00000	6,000.00	65.00000	3,900.00	60.00000	3,600.00
PROVIDE AND MAINTAIN PORTABLE LIGHT ASSEMBLY (FLOOD LIGHTS)	EADY						
0170 805001	1,900.000	1.00000	1,900.00	0.50000	950.00	0.80000	1,520.00
PLASTIC TRAFFIC CONTROL DRUMS	EADY						
0180 806001	120.000	110.00000	13,200.00	110.00000	13,200.00	110.00000	13,200.00
TRAFFIC OFFICERS	HOUR						
0190 808002	128.000	125.00000	16,000.00	125.00000	16,000.00	25.00000	3,200.00
PROVIDE AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	EADY						
0200 810001	2,310.000	5.00000	11,550.00	4.00000	9,240.00	2.65000	6,121.50
TEMPORARY WARNING SIGNS AND PLAQUES	EADY						

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Tabulation of Bids

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Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22 **Contract ID:** T202107022 **Counties:** KENT, SUSSEX

Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	Engineer's Estimate Unit Price	Engineer's Estimate Ext Amount	(1) EASTERN HIGHWAY SPECIALISTS, INC. Unit Price	(1) EASTERN HIGHWAY SPECIALISTS, INC. Ext Amount	(2) JJID INC Unit Price	(2) JJID INC Ext Amount
SECTION: 0001 Contractor Items		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0210 811002	544.000	75.00000	40,800.00	85.00000	46,240.00	75.00000	40,800.00
FLAGGER, KENT COUNTY	HOUR						
0220 811003	480.000	75.00000	36,000.00	85.00000	40,800.00	75.00000	36,000.00
FLAGGER, SUSSEX COUNTY	HOUR						
0230 811014	272.000	112.50000	30,600.00	100.00000	27,200.00	112.00000	30,464.00
FLAGGER, KENT COUNTY, OVERTIME	HOUR						
0240 811015	240.000	112.50000	27,000.00	100.00000	24,000.00	112.00000	26,880.00
FLAGGER, SUSSEX COUNTY, OVERTIME	HOUR						
0250 813001	420.000	5.00000	2,100.00	2.00000	840.00	0.90000	378.00
TEMPORARY BARRICADES, TYPE III	LFDY						
0260 909004	2,000.000	30.00000	60,000.00	35.00000	70,000.00	41.00000	82,000.00
TURBIDITY CURTAIN, FLOATING	LF						
Section Totals:			$1,037,462.78		$1,115,802.80		$1,296,163.70
Life Cycle Costs:							
Section Total with LCC:			$1,037,462.78		$1,115,802.80		$1,296,163.70
Contract Item Totals			**$1,037,462.78**		**$1,115,802.80**		**$1,296,163.70**

Delaware Department of Transportation

Tabulation of Bids

AASHTOWare Pr

Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY22 **Contract ID:** T202107022 **Counties:** KENT, SUSSEX

Contract Time Totals	**$0.00**		
Contract Life Cycle Costs Totals	**$0.00**	**$0.00**	**$0.00**
Contract Grand Totals	**$1,037,462.78**	**$1,115,802.80**	**1,296,163.70**

( ) indicates item is bid as Lump Sum

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Delaware Department of Transportation

Tabulation of Bids

Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22 **Contract ID:** T202107022 **Counties:** KENT, SUSSEX

Line No / Item ID Item Description Alt Set / Alt Member	Quantity and Units	(3) AGATE CONSTRUCTION COMPANY INC Unit Price	 Ext Amount	(4) MUMFORD & MILLER CONCRETE, INC. Unit Price	 Ext Amount	 Unit Price	 Ext Amount
SECTION: 0001	Contractor Items	**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0010 605504	105.000	823.00000	86,415.00	1,225.00000	128,625.00		
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 18" ROUND PILE	LF						
0020 605511	228.000	775.00000	176,700.00	1,365.00000	311,220.00		
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 16" ROUND PILE	LF						
0030 605512	284.000	1,210.00000	343,640.00	1,435.00000	407,540.00		
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 18" U-SHAPED PILE	LF						
0040 605513	150.000	800.00000	120,000.00	1,390.00000	208,500.00		
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 18" X 18" SQUARE PILE	LF						
0050 613002	11,343.000	1.70000	19,283.10	3.40000	38,566.20		
SILANE-BASED CONCRETE SEALER	SF						
0060 613003	2,836.000	5.30000	15,030.80	3.70000	10,493.20		
HIGH MOLECULAR WEIGHT METHACRYLATE CONCRETE SEALER	SF						

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Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22 **Contract ID:** T202107022 **Counties:** KENT, SUSSEX

Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	(3) AGATE CONSTRUCTION COMPANY INC		(4) MUMFORD & MILLER CONCRETE, INC.			
		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001	Contractor Items	**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0070 628001	100.000	133.00000	13,300.00	95.00000	9,500.00		
REPAIR OF CONCRETE STRUCTURE BY EPOXY INJECTION	LF						
0080 628011	1,200.000	11.50000	13,800.00	13.25000	15,900.00		
CRACK SEALING BRIDGE DECKS, APPROACH SLABS, SIDEWALKS, ETC	LF						
0090 628020	250.000	48.00000	12,000.00	41.00000	10,250.00		
ROUT AND SEAL CRACKS	LF						
0100 628042	3.000	9,900.00000	29,700.00	4,650.00000	13,950.00		
REHABILITATION OF PORTLAND CEMENT CONCRETE MASONRY	CY						
0110 763000	(1)	72,030.00000	72,030.00	67,500.00000	67,500.00		
INITIAL EXPENSE/DE-MOBILIZATION	LS						
0120 763522	(1)	10,000.00000	10,000.00	1,750.00000	1,750.00		
COAST GUARD SPECIFIC CONDITIONS	LS						
0130 801000	(1)	350,000.00000	350,000.00	17,500.00000	17,500.00		
MAINTENANCE OF TRAFFIC	LS						

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Line No / Item ID Item Description Alt Set / Alt Member	Quantity and Units	(3) AGATE CONSTRUCTION COMPANY INC Unit Price	 Ext Amount	(4) MUMFORD & MILLER CONCRETE, INC. Unit Price	 Ext Amount	 Unit Price	 Ext Amount
SECTION: 0001	Contractor Items	**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0140 802003	160.000	19.00000	3,040.00	23.50000	3,760.00		
ARROW PANELS TYPE C	EADY						
0150 803001	160.000	56.00000	8,960.00	87.50000	14,000.00		
PROVIDE AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	EADY						
0160 804001	60.000	77.00000	4,620.00	40.00000	2,400.00		
PROVIDE AND MAINTAIN PORTABLE LIGHT ASSEMBLY (FLOOD LIGHTS)	EADY						
0170 805001	1,900.000	1.70000	3,230.00	0.40000	760.00		
PLASTIC TRAFFIC CONTROL DRUMS	EADY						
0180 806001	120.000	110.00000	13,200.00	110.00000	13,200.00		
TRAFFIC OFFICERS	HOUR						
0190 808002	128.000	165.00000	21,120.00	100.00000	12,800.00		
PROVIDE AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	EADY						
0200 810001	2,310.000	4.20000	9,702.00	2.75000	6,352.50		
TEMPORARY WARNING SIGNS AND PLAQUES	EADY						

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Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	(3) AGATE CONSTRUCTION COMPANY INC		(4) MUMFORD & MILLER CONCRETE, INC.			
		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 Contractor Items		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0210 811002	544.000	61.00000	33,184.00	73.95000	40,228.80		
FLAGGER, KENT COUNTY	HOUR						
0220 811003	480.000	61.00000	29,280.00	73.05000	35,064.00		
FLAGGER, SUSSEX COUNTY	HOUR						
0230 811014	272.000	92.00000	25,024.00	95.50000	25,976.00		
FLAGGER, KENT COUNTY, OVERTIME	HOUR						
0240 811015	240.000	92.00000	22,080.00	94.25000	22,620.00		
FLAGGER, SUSSEX COUNTY, OVERTIME	HOUR						
0250 813001	420.000	3.00000	1,260.00	0.40000	168.00		
TEMPORARY BARRICADES, TYPE III	LFDY						
0260 909004	2,000.000	2.00000	4,000.00	15.75000	31,500.00		
TURBIDITY CURTAIN, FLOATING	LF						
Section Totals:			$1,440,598.90		$1,450,123.70		
Life Cycle Costs:							
Section Total with LCC:			$1,440,598.90		$1,450,123.70		
Contract Item Totals			**$1,440,598.90**		**$1,450,123.70**		

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Contract Title: PILE JACKETING, KENT AND SUSSEX COUNTY, FY 22 **Contract ID:** T202107022 **Counties:** KENT, SUSSEX

Contract Time Totals		
Contract Life Cycle Costs Totals	**$0.00**	**$0.00**
Contract Grand Totals	**$1,440,598.90**	**$1,450,123.70**

( ) indicates item is bid as Lump Sum

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