Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24

Call Order: 006

Contract ID: T202307701

Counties: NEW CASTLE

Letting Date: October 24, 2023

District(s): 0001

Project(s): BFP-2023(04)

Federal Aid No: BFP-2023(04)

Contract Time: 330 CALENDAR DAYS

Contract Description: PILE JACKETING, NEW CASTLE COUNTY, FY24 -
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 to help prolong the useful life of the bridges.

Set-Aside:

Vendor Ranking: Contract was awarded on 11/28/23 to vendor PKF-MARK III INC

Rank	Vendor ID/Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	PKF-MARK III INC	$2,452,096.00	100.00%	70.50%
2	EASTERN HIGHWAY SPECIALISTS, INC.	$3,288,330.12	134.10%	94.55%
0	Engineer's Estimate	$3,477,978.00	141.84%	100.00%
3	JJID INC	$4,038,046.40	164.68%	116.10%
4	BALLARD MARINE CONSTRUCTION, LLC	$4,768,853.80	194.48%	137.12%

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Delaware Department of Transportation

Tabulation of Bids

AASHTOWare Pr

Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24 **Contract ID:** T202307701 **Counties:** NEW CASTLE

Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	Engineer's Estimate Unit Price	Engineer's Estimate Ext Amount	(1) PKF-MARK III INC Unit Price	(1) PKF-MARK III INC Ext Amount	(2) EASTERN HIGHWAY SPECIALISTS, INC. Unit Price	(2) EASTERN HIGHWAY SPECIALISTS, INC. Ext Amount
SECTION: 0002 No Category		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0010 201000	(1)	30,000.00000	30,000.00	28,000.00000	28,000.00	30,000.00000	30,000.00
CLEARING AND GRUBBING	LS						
0020 211002	60.000	10.00000	600.00	35.00000	2,100.00	18.00000	1,080.00
REMOVAL OF GUARDRAIL AND FENCE	LF						
0030 605504	1,170.000	1,200.00000	1,404,000.00	815.00000	953,550.00	1,200.00000	1,404,000.00
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 18" ROUND PILE	LF						
0040 605511	870.000	1,100.00000	957,000.00	850.00000	739,500.00	1,100.00000	957,000.00
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 16" ROUND PILE	LF						
0050 605514	91.000	275.00000	25,025.00	435.00000	39,585.00	232.00000	21,112.00
EPOXY MASTIC PILE COLLAR, 18" ROUND PILE	SF						
0060 613504	63,100.000	4.00000	252,400.00	0.65000	41,015.00	2.00000	126,200.00
POTASSIUM SILICONATE CONCRETE SEALER	SF						
0070 624010	12.000	50.00000	600.00	140.00000	1,680.00	95.00000	1,140.00
SILICONE JOINT SEAL, 1"	LF						

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Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24 **Contract ID:** T202307701 **Counties:** NEW CASTLE

Line No / Item ID Item Description Alt Set / Alt Member	Quantity and Units	Engineer's Estimate Unit Price	 Ext Amount	(1) PKF-MARK III INC Unit Price	 Ext Amount	(2) EASTERN HIGHWAY SPECIALISTS, INC. Unit Price	 Ext Amount
SECTION: 0002	No Category	**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0080 628001	5.000	115.00000	575.00	525.00000	2,625.00	120.00000	600.00
REPAIR OF CONCRETE STRUCTURE BY EPOXY INJECTION	LF						
0090 628040	5.000	530.00000	2,650.00	480.00000	2,400.00	990.00000	4,950.00
SHALLOW SPALL REPAIR	CF						
0100 628041	241.000	1,100.00000	265,100.00	490.00000	118,090.00	850.00000	204,850.00
DEEP SPALL REPAIR	CF						
0110 628042	1.000	12,000.00000	12,000.00	20,500.00000	20,500.00	12,000.00000	12,000.00
REHABILITATION OF PORTLAND CEMENT CONCRETE MASONRY	CY						
0120 628507	118.000	330.00000	38,940.00	255.00000	30,090.00	295.00000	34,810.00
SHALLOW OVERHEAD CONCRETE SPALL REPAIR	SF						
0130 628508	26.000	450.00000	11,700.00	500.00000	13,000.00	450.00000	11,700.00
DEEP OVERHEAD CONCRETE SPALL REPAIR	SF						
0140 707011	2.000	75.00000	150.00	4,200.00000	8,400.00	500.00000	1,000.00
RIPRAP, R-5	CY						

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Tabulation of Bids

AASHTOWare Pr

Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24 **Contract ID:** T202307701 **Counties:** NEW CASTLE

Line No / Item ID Item Description Alt Set / Alt Member	Quantity and Units	Engineer's Estimate Unit Price	 Ext Amount	(1) PKF-MARK III INC Unit Price	 Ext Amount	(2) EASTERN HIGHWAY SPECIALISTS, INC. Unit Price	 Ext Amount
SECTION: 0002 No Category		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0150 707500	3.000	300.00000	900.00	4,500.00000	13,500.00	300.00000	900.00
CHANNEL BED FILL	CY						
0160 708003	4.000	4.00000	16.00	195.00000	780.00	25.00000	100.00
GEOTEXTILES, RIPRAP	SY						
0170 720030	60.000	15.00000	900.00	70.00000	4,200.00	102.00000	6,120.00
RELOCATING GUARDRAIL	LF						
0180 727000	60.000	50.00000	3,000.00	125.00000	7,500.00	135.00000	8,100.00
CHAIN LINK FENCE	LF						
0190 763000	(1)	161,000.00000	161,000.00	122,272.50000	122,272.50	160,000.00000	160,000.00
INITIAL EXPENSE/DE-MOBILIZATION	LS						
0200 763623	(1)	15,000.00000	15,000.00	35,000.00000	35,000.00	1,200.00000	1,200.00
NETTING MIGRATORY BIRD EXCLUSION	LS						
0210 801000	(1)	100,000.00000	100,000.00	125,500.00000	125,500.00	110,000.00000	110,000.00
MAINTENANCE OF TRAFFIC	LS						
0220 802003	259.000	25.00000	6,475.00	20.00000	5,180.00	24.00000	6,216.00
ARROW PANELS TYPE C	EADY						

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Delaware Department of Transportation

Tabulation of Bids

AASHTOWare Pr

Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24 **Contract ID:** T202307701 **Counties:** NEW CASTLE

Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	Engineer's Estimate Unit Price	Engineer's Estimate Ext Amount	(1) PKF-MARK III INC Unit Price	(1) PKF-MARK III INC Ext Amount	(2) EASTERN HIGHWAY SPECIALISTS, INC. Unit Price	(2) EASTERN HIGHWAY SPECIALISTS, INC. Ext Amount
SECTION: 0002 No Category		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0230 803001	60.000	100.00000	6,000.00	125.00000	7,500.00	120.00000	7,200.00
PROVIDE AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	EADY						
0240 805001	12,867.000	1.00000	12,867.00	0.50000	6,433.50	0.36000	4,632.12
PLASTIC TRAFFIC CONTROL DRUMS	EADY						
0250 806001	180.000	110.00000	19,800.00	110.00000	19,800.00	110.00000	19,800.00
TRAFFIC OFFICERS	HOUR						
0260 808002	259.000	160.00000	41,440.00	130.00000	33,670.00	150.00000	38,850.00
PROVIDE AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	EADY						
0270 810001	2,590.000	4.00000	10,360.00	2.50000	6,475.00	3.00000	7,770.00
TEMPORARY WARNING SIGNS AND PLAQUES	EADY						
0280 811001	40.000	92.00000	3,680.00	75.00000	3,000.00	91.00000	3,640.00
FLAGGER, NEW CASTLE COUNTY	HOUR						
0290 811013	20.000	110.00000	2,200.00	112.50000	2,250.00	137.00000	2,740.00
FLAGGER, NEW CASTLE COUNTY, OVERTIME	HOUR						

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Delaware Department of Transportation

Tabulation of Bids

AASHTOWare Pr

Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24 **Contract ID:** T202307701 **Counties:** NEW CASTLE

Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	Engineer's Estimate Unit Price	Engineer's Estimate Ext Amount	(1) PKF-MARK III INC Unit Price	(1) PKF-MARK III INC Ext Amount	(2) EASTERN HIGHWAY SPECIALISTS, INC. Unit Price	(2) EASTERN HIGHWAY SPECIALISTS, INC. Ext Amount
SECTION: 0002 No Category		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0300 909004	2,340.000	40.00000	93,600.00	25.00000	58,500.00	43.00000	100,620.00
TURBIDITY CURTAIN, FLOATING	LF						
Section Totals:			$3,477,978.00		$2,452,096.00		$3,288,330.12
Life Cycle Costs:							
Section Total with LCC:			$3,477,978.00		$2,452,096.00		$3,288,330.12
Contract Item Totals			**$3,477,978.00**		**$2,452,096.00**		**$3,288,330.12**
Contract Time Totals			**$0.00**				
Contract Life Cycle Costs Totals			**$0.00**		**$0.00**		**$0.00**
Contract Grand Totals			**$3,477,978.00**		**$2,452,096.00**		**3,288,330.12**

( ) indicates item is bid as Lump Sum

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Delaware Department of Transportation

Tabulation of Bids

Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24 **Contract ID:** T202307701 **Counties:** NEW CASTLE

Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	(3) JJID INC		(4) BALLARD MARINE CONSTRUCTION, LLC			
		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0002 No Category		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0010 201000	(1)	34,000.00000	34,000.00	17,181.00000	17,181.00		
CLEARING AND GRUBBING	LS						
0020 211002	60.000	78.00000	4,680.00	152.00000	9,120.00		
REMOVAL OF GUARDRAIL AND FENCE	LF						
0030 605504	1,170.000	1,422.00000	1,663,740.00	1,450.00000	1,696,500.00		
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 18" ROUND PILE	LF						
0040 605511	870.000	1,471.00000	1,279,770.00	1,550.00000	1,348,500.00		
FRP JACKET AND EPOXY GROUT PILE ENCASEMENT, 16" ROUND PILE	LF						
0050 605514	91.000	223.00000	20,293.00	383.00000	34,853.00		
EPOXY MASTIC PILE COLLAR, 18" ROUND PILE	SF						
0060 613504	63,100.000	4.90000	309,190.00	6.50000	410,150.00		
POTASSIUM SILICONATE CONCRETE SEALER	SF						
0070 624010	12.000	190.00000	2,280.00	43.00000	516.00		
SILICONE JOINT SEAL, 1"	LF						

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Tabulation of Bids

Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24 **Contract ID:** T202307701 **Counties:** NEW CASTLE

Line No / Item ID Item Description Alt Set / Alt Member	Quantity and Units	(3) JJID INC Unit Price	 Ext Amount	(4) BALLARD MARINE CONSTRUCTION, LLC Unit Price	 Ext Amount	 Unit Price	 Ext Amount
SECTION: 0002	No Category	**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0080 628001	5.000	800.00000	4,000.00	260.00000	1,300.00		
REPAIR OF CONCRETE STRUCTURE BY EPOXY INJECTION	LF						
0090 628040	5.000	1,115.00000	5,575.00	1,395.00000	6,975.00		
SHALLOW SPALL REPAIR	CF						
0100 628041	241.000	473.00000	113,993.00	1,317.00000	317,397.00		
DEEP SPALL REPAIR	CF						
0110 628042	1.000	5,000.00000	5,000.00	19,020.00000	19,020.00		
REHABILITATION OF PORTLAND CEMENT CONCRETE MASONRY	CY						
0120 628507	118.000	922.00000	108,796.00	955.00000	112,690.00		
SHALLOW OVERHEAD CONCRETE SPALL REPAIR	SF						
0130 628508	26.000	630.00000	16,380.00	3,690.00000	95,940.00		
DEEP OVERHEAD CONCRETE SPALL REPAIR	SF						
0140 707011	2.000	2,000.00000	4,000.00	14,680.00000	29,360.00		
RIPRAP, R-5	CY						

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Line No / Item ID Item Description Alt Set / Alt Member	Quantity and Units	(3) JJID INC Unit Price	 Ext Amount	(4) BALLARD MARINE CONSTRUCTION, LLC Unit Price	 Ext Amount	 Unit Price	 Ext Amount
SECTION: 0002	No Category	**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0150 707500	3.000	1,350.00000	4,050.00	574.00000	1,722.00		
CHANNEL BED FILL	CY						
0160 708003	4.000	55.00000	220.00	2,490.00000	9,960.00		
GEOTEXTILES, RIPRAP	SY						
0170 720030	60.000	86.00000	5,160.00	152.00000	9,120.00		
RELOCATING GUARDRAIL	LF						
0180 727000	60.000	240.00000	14,400.00	256.00000	15,360.00		
CHAIN LINK FENCE	LF						
0190 763000	(1)	200,000.00000	200,000.00	123,230.00000	123,230.00		
INITIAL EXPENSE/DE-MOBILIZATION	LS						
0200 763623	(1)	13,400.00000	13,400.00	93,730.00000	93,730.00		
NETTING MIGRATORY BIRD EXCLUSION	LS						
0210 801000	(1)	25,000.00000	25,000.00	208,145.00000	208,145.00		
MAINTENANCE OF TRAFFIC	LS						
0220 802003	259.000	22.00000	5,698.00	25.00000	6,475.00		
ARROW PANELS TYPE C	EADY						

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Tabulation of Bids

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Line No / Item ID / Item Description / Alt Set / Alt Member	Quantity and Units	(3) JJID INC		(4) BALLARD MARINE CONSTRUCTION, LLC			
		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0002 No Category		**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0230 803001	60.000	83.00000	4,980.00	97.00000	5,820.00		
PROVIDE AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	EADY						
0240 805001	12,867.000	0.70000	9,006.90	0.40000	5,146.80		
PLASTIC TRAFFIC CONTROL DRUMS	EADY						
0250 806001	180.000	110.00000	19,800.00	110.00000	19,800.00		
TRAFFIC OFFICERS	HOUR						
0260 808002	259.000	188.00000	48,692.00	285.00000	73,815.00		
PROVIDE AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	EADY						
0270 810001	2,590.000	2.75000	7,122.50	3.20000	8,288.00		
TEMPORARY WARNING SIGNS AND PLAQUES	EADY						
0280 811001	40.000	84.00000	3,360.00	98.00000	3,920.00		
FLAGGER, NEW CASTLE COUNTY	HOUR						
0290 811013	20.000	125.00000	2,500.00	146.00000	2,920.00		
FLAGGER, NEW CASTLE COUNTY, OVERTIME	HOUR						

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Line No / Item ID Item Description Alt Set / Alt Member	Quantity and Units	(3) JJID INC Unit Price	 Ext Amount	(4) BALLARD MARINE CONSTRUCTION, LLC Unit Price	 Ext Amount	 Unit Price	 Ext Amount
SECTION: 0002	No Category	**Cat Alt Set:**		**Cat Alt Member:**		**LCC:**	
0300 909004 TURBIDITY CURTAIN, FLOATING	2,340.000 LF	44.00000	102,960.00	35.00000	81,900.00		
Section Totals:			$4,038,046.40		$4,768,853.80		
Life Cycle Costs:							
Section Total with LCC:			$4,038,046.40		$4,768,853.80		
Contract Item Totals			**$4,038,046.40**		**$4,768,853.80**		
Contract Time Totals							
Contract Life Cycle Costs Totals			**$0.00**		**$0.00**		
Contract Grand Totals			**$4,038,046.40**		**$4,768,853.80**		

( ) indicates item is bid as Lump Sum

Delaware Department of Transportation

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Contract Title: PILE JACKETING, NEW CASTLE COUNTY, FY24 **Contract ID:** T202307701 **Counties:** NEW CASTLE