

# **TRANSMITTAL 2**

## **Bid Analysis**

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

ENGINEERING ESTIMATE: \$30,353,625.00  
 ADVERTISED DATE: JUNE 5, 2025  
 BID CLOSING DATE: JULY 31, 2025

PROJ. CONST. MGR.: ANTHONY MAINEZ

GRAND TOTAL ITEM 1-81	
	BI Description Unit of Measure Approximate Quantiy
ENGINEERING ESTIMATE	\$ 30,353,625.00
1 Vortex Marine Construction, Inc.	\$ 45,878,375.00
2 Power Engineering Construction Co.	\$ 45,892,674.00
3 Manson Construction Co.	\$ 49,957,000.00

1) AVERAGE BID		\$43,020,418.50
2) STANDARD DEVIATION	\$	7,499,693.12
3) ENG. EST. - LOW BIDDER	\$	(15,524,750.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 1		Main Bid 2		Main Bid 3	
	ITEM 1		ITEM 2		ITEM 3	
	Timber Fender Pile Removal: For furnishing transportation, labor,		Timber Bearing Pile Removal: For furnishing transportation, labor,		24-Inch Concrete Pile Removal: For furnishing transportation, labor,	
	Each		Each		Each	
	75		50		25	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 2,500.00	\$ 187,500.00	\$ 2,500.00	\$ 125,000.00	\$ 4,000.00	\$ 100,000.00
1 Vortex Marine Construction, Inc.	\$ 4,800.00	\$ 360,000.00	\$ 5,000.00	\$ 250,000.00	\$ 15,000.00	\$ 375,000.00
2 Power Engineering Construction Co.	\$ 3,480.00	\$ 261,000.00	\$ 4,930.00	\$ 246,500.00	\$ 9,300.00	\$ 232,500.00
3 Manson Construction Co.	\$ 7,000.00	\$ 525,000.00	\$ 8,000.00	\$ 400,000.00	\$ 20,000.00	\$ 500,000.00

1) AVERAGE BID	\$ 4,445.00	\$ 333,375.00	\$ 5,107.50	\$ 255,375.00	\$ 12,075.00	\$ 301,875.00
2) STANDARD DEVIATION	\$ 1,685.85	\$ 126,438.41	\$ 1,949.92	\$ 97,495.75	\$ 6,005.57	\$ 150,139.26
3) ENG. EST. - LOW BIDDER	\$ (2,300.00)	\$ (172,500.00)	\$ (2,500.00)	\$ (125,000.00)	\$ (11,000.00)	\$ (275,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 4		Main Bid 5		Main Bid 6	
	ITEM 4		ITEM 5		ITEM 6	
	18-Inch Concrete Pile Removal: For furnishing transportation, labor, Each		Mobilization and Demobilization for Timber Pile Removal from Waterside: Mob and De		Mobilization and Demobilization for Concrete Pile Removal from Mob and De	
	10 Unit Price	Extended Price	5 Unit Price	Extended Price	4 Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 3,000.00	\$ 30,000.00	\$ 40,000.00	\$ 200,000.00	\$ 45,000.00	\$ 180,000.00
1 Vortex Marine Construction, Inc.	\$ 13,000.00	\$ 130,000.00	\$ 100,000.00	\$ 500,000.00	\$ 100,000.00	\$ 400,000.00
2 Power Engineering Construction Co.	\$ 7,690.00	\$ 76,900.00	\$ 67,071.00	\$ 335,355.00	\$ 73,655.00	\$ 294,620.00
3 Manson Construction Co.	\$ 17,000.00	\$ 170,000.00	\$ 65,000.00	\$ 325,000.00	\$ 75,000.00	\$ 300,000.00

1) AVERAGE BID	\$ 10,172.50	\$ 101,725.00	\$ 68,017.75	\$ 340,088.75	\$ 73,413.75	\$ 293,655.00
2) STANDARD DEVIATION	\$ 5,296.63	\$ 52,966.28	\$ 21,318.20	\$ 106,590.98	\$ 19,472.70	\$ 77,890.80
3) ENG. EST. - LOW BIDDER	\$ (10,000.00)	\$ (100,000.00)	\$ (60,000.00)	\$ (300,000.00)	\$ (55,000.00)	\$ (220,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 7		Main Bid 8		Main Bid 9	
	ITEM 7		ITEM 8		ITEM 9	
	Furnish 24-Inch Octagonal 24A Concrete Piles: For furnishing		Install 24-Inch Octagonal 24A Concrete Piles from Waterside: For		Furnish 24-Inch Octagonal 24B Concrete Piles: For furnishing	
	Linear Fee		Each		Linear Fee	
	2000		20		2000	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 170.00	\$ 340,000.00	\$ 10,000.00	\$ 200,000.00	\$ 170.00	\$ 340,000.00
1 Vortex Marine Construction, Inc.	\$ 285.00	\$ 570,000.00	\$ 18,000.00	\$ 360,000.00	\$ 260.00	\$ 520,000.00
2 Power Engineering Construction Co.	\$ 245.00	\$ 490,000.00	\$ 15,739.00	\$ 314,780.00	\$ 219.00	\$ 438,000.00
3 Manson Construction Co.	\$ 300.00	\$ 600,000.00	\$ 7,000.00	\$ 140,000.00	\$ 260.00	\$ 520,000.00

1) AVERAGE BID	\$ 250.00	\$ 500,000.00	\$ 12,684.75	\$ 253,695.00	\$ 227.25	\$ 454,500.00
2) STANDARD DEVIATION	\$ 50.37	\$ 100,747.21	\$ 4,390.46	\$ 87,809.22	\$ 37.05	\$ 74,099.60
3) ENG. EST. - LOW BIDDER	\$ (115.00)	\$ (230,000.00)	\$ (8,000.00)	\$ (160,000.00)	\$ (90.00)	\$ (180,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 10		Main Bid 11		Main Bid 12	
	ITEM 10		ITEM 11		ITEM 12	
	Install 24-Inch Octagonal 24B Concrete Piles from Landside: For		Install 24-Inch Octagonal Concrete Indicator Piles: For furnishing		Mobilization and Demobilization for Concrete Pile Driving from Waterside:	
	Each		Each		Mob and De	
	20 Unit Price	Extended Price	12 Unit Price	Extended Price	5 Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 8,000.00	\$ 160,000.00	\$ 50,000.00	\$ 600,000.00	\$ 105,000.00	\$ 525,000.00
1 Vortex Marine Construction, Inc.	\$ 15,000.00	\$ 300,000.00	\$ 85,000.00	\$ 1,020,000.00	\$ 200,000.00	\$ 1,000,000.00
2 Power Engineering Construction Co.	\$ 15,573.00	\$ 311,460.00	\$ 50,281.00	\$ 603,372.00	\$ 125,830.00	\$ 629,150.00
3 Manson Construction Co.	\$ 5,000.00	\$ 100,000.00	\$ 15,500.00	\$ 186,000.00	\$ 120,000.00	\$ 600,000.00

1) AVERAGE BID	\$ 10,893.25	\$ 217,865.00	\$ 50,195.25	\$ 602,343.00	\$ 137,707.50	\$ 688,537.50
2) STANDARD DEVIATION	\$ 4,524.01	\$ 90,480.24	\$ 24,572.22	\$ 294,866.67	\$ 36,758.56	\$ 183,792.80
3) ENG. EST. - LOW BIDDER	\$ (7,000.00)	\$ (140,000.00)	\$ (35,000.00)	\$ (420,000.00)	\$ (95,000.00)	\$ (475,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 13		Main Bid 14		Main Bid 15	
	ITEM 13		ITEM 14		ITEM 15	
	Mobilization and Demobilization for Concrete Pile Driving from Landside:		Differential Costs to Drive Octagonal Concrete Piles Using a Pile Driving		Restrike Octagonal Concrete Piles: For furnishing transportation, labor,	
	Mob and De		Each		Each	
	5		5		5	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 190,000.00	\$ 950,000.00	\$ 4,700.00	\$ 23,500.00	\$ 10,000.00	\$ 50,000.00
1 Vortex Marine Construction, Inc.	\$ 330,000.00	\$ 1,650,000.00	\$ 4,000.00	\$ 20,000.00	\$ 33,000.00	\$ 165,000.00
2 Power Engineering Construction Co.	\$ 175,770.00	\$ 878,850.00	\$ 6,190.00	\$ 30,950.00	\$ 18,695.00	\$ 93,475.00
3 Manson Construction Co.	\$ 250,000.00	\$ 1,250,000.00	\$ 5,000.00	\$ 25,000.00	\$ 15,000.00	\$ 75,000.00

1) AVERAGE BID	\$ 236,442.50	\$ 1,182,212.50	\$ 4,972.50	\$ 24,862.50	\$ 19,173.75	\$ 95,868.75
2) STANDARD DEVIATION	\$ 60,775.96	\$ 303,879.80	\$ 791.06	\$ 3,955.28	\$ 8,558.22	\$ 42,791.08
3) ENG. EST. - LOW BIDDER	\$ (140,000.00)	\$ (700,000.00)	\$ 700.00	\$ 3,500.00	\$ (23,000.00)	\$ (115,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 16		Main Bid 17		Main Bid 18	
	ITEM 16		ITEM 17		ITEM 18	
	Differential Costs to Restrike Octagonal Concrete Piles Using a		Furnish Timber Fender Piles: For furnishing transportation, labor,		Install Timber Fender Piles: For furnishing transportation, labor,	
	Each		Linear Fee		Each	
	5		29250		450	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 10,000.00	\$ 50,000.00	\$ 55.00	\$ 1,608,750.00	\$ 6,000.00	\$ 2,700,000.00
1 Vortex Marine Construction, Inc.	\$ 33,000.00	\$ 165,000.00	\$ 60.00	\$ 1,755,000.00	\$ 8,000.00	\$ 3,600,000.00
2 Power Engineering Construction Co.	\$ 25,250.00	\$ 126,250.00	\$ 67.00	\$ 1,959,750.00	\$ 8,364.00	\$ 3,763,800.00
3 Manson Construction Co.	\$ 18,000.00	\$ 90,000.00	\$ 100.00	\$ 2,925,000.00	\$ 10,500.00	\$ 4,725,000.00

1) AVERAGE BID	\$ 21,562.50	\$ 107,812.50	\$ 70.50	\$ 2,062,125.00	\$ 8,216.00	\$ 3,697,200.00
2) STANDARD DEVIATION	\$ 8,526.38	\$ 42,631.92	\$ 17.56	\$ 513,543.71	\$ 1,596.55	\$ 718,446.95
3) ENG. EST. - LOW BIDDER	\$ (23,000.00)	\$ (115,000.00)	\$ (5.00)	\$ (146,250.00)	\$ (2,000.00)	\$ (900,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 19		Main Bid 20		Main Bid 21	
	ITEM 19		ITEM 20		ITEM 21	
	Furnish Timber Bearing Piles: For furnishing transportation, labor,		Install Timber Bearing Piles from Landside: For furnishing		Install Timber Bearing Piles from Waterside: For furnishing	
	Linear Fee		Each		Each	
	1625		25		25	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 55.00	\$ 89,375.00	\$ 7,000.00	\$ 175,000.00	\$ 8,000.00	\$ 200,000.00
1 Vortex Marine Construction, Inc.	\$ 115.00	\$ 186,875.00	\$ 10,000.00	\$ 250,000.00	\$ 10,000.00	\$ 250,000.00
2 Power Engineering Construction Co.	\$ 67.00	\$ 108,875.00	\$ 11,383.00	\$ 284,575.00	\$ 14,256.00	\$ 356,400.00
3 Manson Construction Co.	\$ 100.00	\$ 162,500.00	\$ 9,000.00	\$ 225,000.00	\$ 10,750.00	\$ 268,750.00

1) AVERAGE BID	\$ 84.25	\$ 136,906.25	\$ 9,345.75	\$ 233,643.75	\$ 10,751.50	\$ 268,787.50
2) STANDARD DEVIATION	\$ 24.22	\$ 39,360.15	\$ 1,596.91	\$ 39,922.81	\$ 2,259.26	\$ 56,481.51
3) ENG. EST. - LOW BIDDER	\$ (60.00)	\$ (97,500.00)	\$ (3,000.00)	\$ (75,000.00)	\$ (2,000.00)	\$ (50,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 22		Main Bid 23		Main Bid 24	
	ITEM 22		ITEM 23		ITEM 24	
	Timber Bearing Pile Repair: For furnishing transportation, labor,		Timber Bearing Pile Offset Installation: For furnishing		Mobilization and Demobilization for Timber Pile Driving from Waterside:	
	Each		Each		Mob and De	
	25		8		5	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 12,000.00	\$ 300,000.00	\$ 8,000.00	\$ 64,000.00	\$ 70,000.00	\$ 350,000.00
1 Vortex Marine Construction, Inc.	\$ 23,000.00	\$ 575,000.00	\$ 20,000.00	\$ 160,000.00	\$ 145,000.00	\$ 725,000.00
2 Power Engineering Construction Co.	\$ 24,021.00	\$ 600,525.00	\$ 15,054.00	\$ 120,432.00	\$ 65,611.00	\$ 328,055.00
3 Manson Construction Co.	\$ 27,500.00	\$ 687,500.00	\$ 15,000.00	\$ 120,000.00	\$ 60,000.00	\$ 300,000.00

1) AVERAGE BID	\$ 21,630.25	\$ 540,756.25	\$ 14,513.50	\$ 116,108.00	\$ 85,152.75	\$ 425,763.75
2) STANDARD DEVIATION	\$ 5,804.90	\$ 145,122.57	\$ 4,273.65	\$ 34,189.16	\$ 34,734.13	\$ 173,670.67
3) ENG. EST. - LOW BIDDER	\$ (11,000.00)	\$ (275,000.00)	\$ (12,000.00)	\$ (96,000.00)	\$ (75,000.00)	\$ (375,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 25		Main Bid 26		Main Bid 27	
	ITEM 25		ITEM 26		ITEM 27	
	Mobilization and Demobilization for Timber Pile Driving from Landside:		Timber Pile Wrap: For furnishing transportation, labor, materials, and		Timber Pile Tidal Wrap: For furnishing transportation, labor,	
	Mob and De		Each		Each	
	5		50		50	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 85,000.00	\$ 425,000.00	\$ 2,700.00	\$ 135,000.00	\$ 1,000.00	\$ 50,000.00
1 Vortex Marine Construction, Inc.	\$ 50,000.00	\$ 250,000.00	\$ 4,000.00	\$ 200,000.00	\$ 3,500.00	\$ 175,000.00
2 Power Engineering Construction Co.	\$ 100,260.00	\$ 501,300.00	\$ 3,822.00	\$ 191,100.00	\$ 1,372.00	\$ 68,600.00
3 Manson Construction Co.	\$ 95,000.00	\$ 475,000.00	\$ 4,250.00	\$ 212,500.00	\$ 1,500.00	\$ 75,000.00

1) AVERAGE BID	\$ 82,565.00	\$ 412,825.00	\$ 3,693.00	\$ 184,650.00	\$ 1,843.00	\$ 92,150.00
2) STANDARD DEVIATION	\$ 19,584.12	\$ 97,920.59	\$ 593.12	\$ 29,656.24	\$ 974.14	\$ 48,706.96
3) ENG. EST. - LOW BIDDER	\$ 35,000.00	\$ 175,000.00	\$ (1,300.00)	\$ (65,000.00)	\$ (2,500.00)	\$ (125,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 28		Main Bid 29		Main Bid 30	
	ITEM 28		ITEM 29		ITEM 30	
	Timber Pile Submerged Wrap Termination: For furnishing		Timber Pile Rockline Crater Digging and Submerged Wrap Termination:		Timber Bullrail: For furnishing transportation, labor, materials, and	
	Each		Each		Linear Fee	
	50		50		800	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 1,950.00	\$ 97,500.00	\$ 1,000.00	\$ 50,000.00	\$ 100.00	\$ 80,000.00
1 Vortex Marine Construction, Inc.	\$ 3,500.00	\$ 175,000.00	\$ 3,200.00	\$ 160,000.00	\$ 160.00	\$ 128,000.00
2 Power Engineering Construction Co.	\$ 1,195.00	\$ 59,750.00	\$ 2,164.00	\$ 108,200.00	\$ 212.00	\$ 169,600.00
3 Manson Construction Co.	\$ 1,300.00	\$ 65,000.00	\$ 2,400.00	\$ 120,000.00	\$ 120.00	\$ 96,000.00

1) AVERAGE BID	\$ 1,986.25	\$ 99,312.50	\$ 2,191.00	\$ 109,550.00	\$ 148.00	\$ 118,400.00
2) STANDARD DEVIATION	\$ 920.57	\$ 46,028.31	\$ 787.56	\$ 39,377.75	\$ 42.80	\$ 34,241.50
3) ENG. EST. - LOW BIDDER	\$ (1,550.00)	\$ (77,500.00)	\$ (2,200.00)	\$ (110,000.00)	\$ (60.00)	\$ (48,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 31		Main Bid 32		Main Bid 33	
	ITEM 31		ITEM 32		ITEM 33	
	Furnish and Place Quarry Run (2,000 Tons or Less per Order): For		Furnish and Place Quarry Run (Greater Than 2,000 Tons per Order):		Furnish and Place Riprap: For furnishing transportation, labor,	
	Tons		Tons		Tons	
	3000		5000		5000	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 100.00	\$ 300,000.00	\$ 90.00	\$ 450,000.00	\$ 150.00	\$ 750,000.00
1 Vortex Marine Construction, Inc.	\$ 118.00	\$ 354,000.00	\$ 112.00	\$ 560,000.00	\$ 165.00	\$ 825,000.00
2 Power Engineering Construction Co.	\$ 146.00	\$ 438,000.00	\$ 138.00	\$ 690,000.00	\$ 207.00	\$ 1,035,000.00
3 Manson Construction Co.	\$ 140.00	\$ 420,000.00	\$ 135.00	\$ 675,000.00	\$ 195.00	\$ 975,000.00

1) AVERAGE BID	\$ 126.00	\$ 378,000.00	\$ 118.75	\$ 593,750.00	\$ 179.25	\$ 896,250.00
2) STANDARD DEVIATION	\$ 18.28	\$ 54,827.00	\$ 19.41	\$ 97,042.19	\$ 22.79	\$ 113,928.43
3) ENG. EST. - LOW BIDDER	\$ (18.00)	\$ (54,000.00)	\$ (22.00)	\$ (110,000.00)	\$ (15.00)	\$ (75,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	Main Bid 34		Main Bid 35		Main Bid 36	
	ITEM 34		ITEM 35		ITEM 36	
	Mobilization and Demobilization for Placing Quarry Run and Riprap: For		Dredging and Disposing of Materials at Berths 243-245 Confined Disposal		Dredging And Disposing of Materials at Berths 243-245 Confined Disposal	
	Mob and De		Cubic Yard		Cubic Yard	
	5		13000		30000	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 160,000.00	\$ 800,000.00	\$ 75.00	\$ 975,000.00	\$ 70.00	\$ 2,100,000.00
1 Vortex Marine Construction, Inc.	\$ 175,000.00	\$ 875,000.00	\$ 105.00	\$ 1,365,000.00	\$ 90.00	\$ 2,700,000.00
2 Power Engineering Construction Co.	\$ 231,661.00	\$ 1,158,305.00	\$ 127.00	\$ 1,651,000.00	\$ 127.00	\$ 3,810,000.00
3 Manson Construction Co.	\$ 200,000.00	\$ 1,000,000.00	\$ 142.00	\$ 1,846,000.00	\$ 120.00	\$ 3,600,000.00

1) AVERAGE BID	\$ 191,665.25	\$ 958,326.25	\$ 112.25	\$ 1,459,250.00	\$ 101.75	\$ 3,052,500.00
2) STANDARD DEVIATION	\$ 27,154.86	\$ 135,774.32	\$ 25.21	\$ 327,766.97	\$ 23.00	\$ 690,122.27
3) ENG. EST. - LOW BIDDER	\$ (15,000.00)	\$ (75,000.00)	\$ (30.00)	\$ (390,000.00)	\$ (20.00)	\$ (600,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	37 ITEM 37		38 ITEM 38		39 ITEM 39	
	Dredging and Disposing of Materials at Sea (2,500 Cubic Yards or Less)		Dredging and Disposing of Materials at Sea (Greater Than 2,500 Cubic		Mobilization and Demobilization for Dredging: For furnishing	
	Cubic Yard		Cubic Yard		Mob and De	
	10000		75000		10	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 40.00	\$ 400,000.00	\$ 37.00	\$ 2,775,000.00	\$ 150,000.00	\$ 1,500,000.00
1 Vortex Marine Construction, Inc.	\$ 65.00	\$ 650,000.00	\$ 58.00	\$ 4,350,000.00	\$ 400,000.00	\$ 4,000,000.00
2 Power Engineering Construction Co.	\$ 63.00	\$ 630,000.00	\$ 63.00	\$ 4,725,000.00	\$ 316,177.00	\$ 3,161,770.00
3 Manson Construction Co.	\$ 67.00	\$ 670,000.00	\$ 35.00	\$ 2,625,000.00	\$ 325,000.00	\$ 3,250,000.00

1) AVERAGE BID	\$ 58.75	\$ 587,500.00	\$ 48.25	\$ 3,618,750.00	\$ 297,794.25	\$ 2,977,942.50
2) STANDARD DEVIATION	\$ 10.92	\$ 109,173.03	\$ 12.40	\$ 929,780.72	\$ 91,333.50	\$ 913,335.02
3) ENG. EST. - LOW BIDDER	\$ (25.00)	\$ (250,000.00)	\$ (21.00)	\$ (1,575,000.00)	\$ (250,000.00)	\$ (2,500,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	40 ITEM 40		41 ITEM 41		42 ITEM 42	
	Mobilization and Demobilization for Dredging in Shallow Waters: For		Dredging in Shallow Waters and Disposing of Materials at Berths 243-		Slurry to Repair Slopes in the Tidal Zone: For furnishing transportation,	
	Mob and De		Cubic Yard		Cubic Yard	
	3		3000		1000	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 210,000.00	\$ 630,000.00	\$ 105.00	\$ 315,000.00	\$ 175.00	\$ 175,000.00
1 Vortex Marine Construction, Inc.	\$ 700,000.00	\$ 2,100,000.00	\$ 350.00	\$ 1,050,000.00	\$ 440.00	\$ 440,000.00
2 Power Engineering Construction Co.	\$ 440,643.00	\$ 1,321,929.00	\$ 253.00	\$ 759,000.00	\$ 301.00	\$ 301,000.00
3 Manson Construction Co.	\$ 800,000.00	\$ 2,400,000.00	\$ 280.00	\$ 840,000.00	\$ 340.00	\$ 340,000.00

1) AVERAGE BID	\$ 537,660.75	\$ 1,612,982.25	\$ 247.00	\$ 741,000.00	\$ 314.00	\$ 314,000.00
2) STANDARD DEVIATION	\$ 230,190.10	\$ 690,570.29	\$ 89.30	\$ 267,900.17	\$ 94.92	\$ 94,923.65
3) ENG. EST. - LOW BIDDER	\$ (490,000.00)	\$ (1,470,000.00)	\$ (245.00)	\$ (735,000.00)	\$ (265.00)	\$ (265,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	43 ITEM 43		44 ITEM 44		45 ITEM 45	
	Submerged Concrete-Filled Sandbags: For furnishing		Crane Rail Repairs: For furnishing transportation, labor, materials, and		Excavate, Stockpile, and Dispose of Resource Conservation and	
	Sandbags		Each		Tons	
	500		4		8300	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 35.00	\$ 17,500.00	\$ 30,000.00	\$ 120,000.00	\$ 250.00	\$ 2,075,000.00
1 Vortex Marine Construction, Inc.	\$ 210.00	\$ 105,000.00	\$ 45,000.00	\$ 180,000.00	\$ 260.00	\$ 2,158,000.00
2 Power Engineering Construction Co.	\$ 47.00	\$ 23,500.00	\$ 47,864.00	\$ 191,456.00	\$ 311.00	\$ 2,581,300.00
3 Manson Construction Co.	\$ 55.00	\$ 27,500.00	\$ 40,000.00	\$ 160,000.00	\$ 590.00	\$ 4,897,000.00

1) AVERAGE BID	\$ 86.75	\$ 43,375.00	\$ 40,716.00	\$ 162,864.00	\$ 352.75	\$ 2,927,825.00
2) STANDARD DEVIATION	\$ 71.51	\$ 35,756.77	\$ 6,796.91	\$ 27,187.63	\$ 138.92	\$ 1,153,003.77
3) ENG. EST. - LOW BIDDER	\$ (175.00)	\$ (87,500.00)	\$ (15,000.00)	\$ (60,000.00)	\$ (10.00)	\$ (83,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	46		47		48	
	ITEM 46		ITEM 47		ITEM 48	
	Excavate, Stockpile, and Dispose of California Hazardous (Non-RCRA)		Excavate, Stockpile, and Dispose Contaminated Non-Hazardous Waste		Excavate, Stockpile, and Re-Use Clean Soil: For furnishing	
	Tons		Tons		Cubic Yard	
	8000		4600		500	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 150.00	\$ 1,200,000.00	\$ 110.00	\$ 506,000.00	\$ 50.00	\$ 25,000.00
1 Vortex Marine Construction, Inc.	\$ 200.00	\$ 1,600,000.00	\$ 150.00	\$ 690,000.00	\$ 100.00	\$ 50,000.00
2 Power Engineering Construction Co.	\$ 247.00	\$ 1,976,000.00	\$ 222.00	\$ 1,021,200.00	\$ 184.00	\$ 92,000.00
3 Manson Construction Co.	\$ 210.00	\$ 1,680,000.00	\$ 140.00	\$ 644,000.00	\$ 50.00	\$ 25,000.00

1) AVERAGE BID	\$ 201.75	\$ 1,614,000.00	\$ 155.50	\$ 715,300.00	\$ 96.00	\$ 48,000.00
2) STANDARD DEVIATION	\$ 34.63	\$ 277,034.29	\$ 41.12	\$ 189,146.16	\$ 54.75	\$ 27,377.00
3) ENG. EST. - LOW BIDDER	\$ (50.00)	\$ (400,000.00)	\$ (40.00)	\$ (184,000.00)	\$ (50.00)	\$ (25,000.00)

## CONSTRUCTION DIVISION

**SPECIFICATION NO. 2842**

2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	49		50		51	
	ITEM 49		ITEM 50		ITEM 51	
	Light Non-Aqueous Phase Liquids (LNAPL)/Water Mix Skimming,		Safety and Health Plan: For furnishing transportation, labor,		Geomembrane: For furnishing transportation, labor, materials, and	
	Gallons		Each		Square Fee	
	200		4		5000	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 25.00	\$ 5,000.00	\$ 5,000.00	\$ 20,000.00	\$ 8.00	\$ 40,000.00
1 Vortex Marine Construction, Inc.	\$ 50.00	\$ 10,000.00	\$ 7,500.00	\$ 30,000.00	\$ 8.00	\$ 40,000.00
2 Power Engineering Construction Co.	\$ 39.00	\$ 7,800.00	\$ 3,810.00	\$ 15,240.00	\$ 7.00	\$ 35,000.00
3 Manson Construction Co.	\$ 60.00	\$ 12,000.00	\$ 7,500.00	\$ 30,000.00	\$ 8.00	\$ 40,000.00
1) AVERAGE BID	\$ 43.50	\$ 8,700.00	\$ 5,952.50	\$ 23,810.00	\$ 7.75	\$ 38,750.00
2) STANDARD DEVIATION	\$ 13.01	\$ 2,601.92	\$ 1,603.67	\$ 6,414.69	\$ 0.43	\$ 2,165.06
3) ENG. EST. - LOW BIDDER	\$ (25.00)	\$ (5,000.00)	\$ (2,500.00)	\$ (10,000.00)	\$ -	\$ -

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	52		53		54	
	ITEM 52		ITEM 53		ITEM 54	
	Geotextile: For furnishing transportation, labor, materials, and		Trench Excavation and Backfill: For furnishing transportation, labor,		Placement of No. 2 Aggregate Subgrade Stabilization Material: For	
	Square Fee		Cubic Yard		Tons	
	20000		10000		2000	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 5.00	\$ 100,000.00	\$ 70.00	\$ 700,000.00	\$ 45.00	\$ 90,000.00
1 Vortex Marine Construction, Inc.	\$ 6.00	\$ 120,000.00	\$ 75.00	\$ 750,000.00	\$ 75.00	\$ 150,000.00
2 Power Engineering Construction Co.	\$ 5.00	\$ 100,000.00	\$ 125.00	\$ 1,250,000.00	\$ 126.00	\$ 252,000.00
3 Manson Construction Co.	\$ 5.00	\$ 100,000.00	\$ 215.00	\$ 2,150,000.00	\$ 110.00	\$ 220,000.00

1) AVERAGE BID	\$ 5.25	\$ 105,000.00	\$ 121.25	\$ 1,212,500.00	\$ 89.00	\$ 178,000.00
2) STANDARD DEVIATION	\$ 0.43	\$ 8,660.25	\$ 58.24	\$ 582,424.89	\$ 31.39	\$ 62,785.35
3) ENG. EST. - LOW BIDDER	\$ (1.00)	\$ (20,000.00)	\$ (5.00)	\$ (50,000.00)	\$ (30.00)	\$ (60,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	55		56		57	
	ITEM 55		ITEM 56		ITEM 57	
	Placement of No. 68 Aggregate Subgrade Stabilization Material: For		Import Fill Soil: For furnishing transportation, labor, materials, and		Mobilization and Demobilization for Excavation: For furnishing	
	Tons		Cubic Yard		Mob and De	
	1000		15000		5	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 50.00	\$ 50,000.00	\$ 60.00	\$ 900,000.00	\$ 7,200.00	\$ 36,000.00
1 Vortex Marine Construction, Inc.	\$ 75.00	\$ 75,000.00	\$ 75.00	\$ 1,125,000.00	\$ 15,000.00	\$ 75,000.00
2 Power Engineering Construction Co.	\$ 120.00	\$ 120,000.00	\$ 104.00	\$ 1,560,000.00	\$ 8,390.00	\$ 41,950.00
3 Manson Construction Co.	\$ 105.00	\$ 105,000.00	\$ 120.00	\$ 1,800,000.00	\$ 12,500.00	\$ 62,500.00

1) AVERAGE BID	\$ 87.50	\$ 87,500.00	\$ 89.75	\$ 1,346,250.00	\$ 10,772.50	\$ 53,862.50
2) STANDARD DEVIATION	\$ 27.04	\$ 27,041.63	\$ 23.56	\$ 353,436.26	\$ 3,134.29	\$ 15,671.45
3) ENG. EST. - LOW BIDDER	\$ (25.00)	\$ (25,000.00)	\$ (15.00)	\$ (225,000.00)	\$ (7,800.00)	\$ (39,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	58		59		60	
	ITEM 58		ITEM 59		ITEM 60	
	Clear and Grub: For furnishing transportation, labor, materials, and		Temporary Fencing (10 Feet per Panel): For furnishing transportation,		Open Mesh Woven Windscreen (10 Feet per Panel): For furnishing	
	Square Fee		Linear Fee		Linear Fee	
	5000		1000		1000	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 3.00	\$ 15,000.00	\$ 12.00	\$ 12,000.00	\$ 8.00	\$ 8,000.00
1 Vortex Marine Construction, Inc.	\$ 8.00	\$ 40,000.00	\$ 10.00	\$ 10,000.00	\$ 10.00	\$ 10,000.00
2 Power Engineering Construction Co.	\$ 4.00	\$ 20,000.00	\$ 13.00	\$ 13,000.00	\$ 19.00	\$ 19,000.00
3 Manson Construction Co.	\$ 5.00	\$ 25,000.00	\$ 15.00	\$ 15,000.00	\$ 15.00	\$ 15,000.00

1) AVERAGE BID	\$ 5.00	\$ 25,000.00	\$ 12.50	\$ 12,500.00	\$ 13.00	\$ 13,000.00
2) STANDARD DEVIATION	\$ 1.87	\$ 9,354.14	\$ 1.80	\$ 1,802.78	\$ 4.30	\$ 4,301.16
3) ENG. EST. - LOW BIDDER	\$ (5.00)	\$ (25,000.00)	\$ 2.00	\$ 2,000.00	\$ (2.00)	\$ (2,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	61 ITEM 61		62 ITEM 62		63 ITEM 63	
	Silt Fence (California Stormwater Best Management Practices)		Sandbag Barrier (California Stormwater Best Management Practices)		Fiber Rolls (California Stormwater Best Management Practices)	
	Linear Fee		Each		Linear Fee	
	1000		1000		2000	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 25.00	\$ 25,000.00	\$ 15.00	\$ 15,000.00	\$ 10.00	\$ 20,000.00
1 Vortex Marine Construction, Inc.	\$ 60.00	\$ 60,000.00	\$ 18.00	\$ 18,000.00	\$ 18.00	\$ 36,000.00
2 Power Engineering Construction Co.	\$ 10.00	\$ 10,000.00	\$ 19.00	\$ 19,000.00	\$ 10.00	\$ 20,000.00
3 Manson Construction Co.	\$ 22.00	\$ 22,000.00	\$ 13.00	\$ 13,000.00	\$ 15.00	\$ 30,000.00

1) AVERAGE BID	\$ 29.25	\$ 29,250.00	\$ 16.25	\$ 16,250.00	\$ 13.25	\$ 26,500.00
2) STANDARD DEVIATION	\$ 18.62	\$ 18,619.55	\$ 2.38	\$ 2,384.85	\$ 3.42	\$ 6,837.40
3) ENG. EST. - LOW BIDDER	\$ (35.00)	\$ (35,000.00)	\$ (3.00)	\$ (3,000.00)	\$ (8.00)	\$ (16,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	64		65		66	
	ITEM 64		ITEM 65		ITEM 66	
	Water Truck (and Operator) 4,000-Gallon Capacity: For furnishing		Street Sweeping and Vacuuming (California Stormwater Best)		Storm Drain Inlet Protection (California Stormwater Best)	
	Shifts		Shifts		Each	
	50		50		10	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 1,000.00	\$ 50,000.00	\$ 1,200.00	\$ 60,000.00	\$ 600.00	\$ 6,000.00
1 Vortex Marine Construction, Inc.	\$ 2,000.00	\$ 100,000.00	\$ 2,000.00	\$ 100,000.00	\$ 1,000.00	\$ 10,000.00
2 Power Engineering Construction Co.	\$ 1,900.00	\$ 95,000.00	\$ 1,360.00	\$ 68,000.00	\$ 310.00	\$ 3,100.00
3 Manson Construction Co.	\$ 2,600.00	\$ 130,000.00	\$ 2,300.00	\$ 115,000.00	\$ 475.00	\$ 4,750.00

1) AVERAGE BID	\$ 1,875.00	\$ 93,750.00	\$ 1,715.00	\$ 85,750.00	\$ 596.25	\$ 5,962.50
2) STANDARD DEVIATION	\$ 571.73	\$ 28,586.49	\$ 451.30	\$ 22,565.18	\$ 254.79	\$ 2,547.89
3) ENG. EST. - LOW BIDDER	\$ (1,000.00)	\$ (50,000.00)	\$ (800.00)	\$ (40,000.00)	\$ (400.00)	\$ (4,000.00)

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	67		68		69	
	ITEM 67		ITEM 68		ITEM 69	
	Stormwater Pollution Prevention Plan: For furnishing transportation, labor,		Wharf Repairs, Renovations, and Improvements: Bidder shall include		Acceleration/Overtime: Bidder shall include in the bid the listed allowance	
	Each		Lump Sum		Lump Sum	
	5		1		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 9,500.00	\$ 47,500.00	\$ 325,000.00	\$ 325,000.00	\$ 50,000.00	\$ 50,000.00
1 Vortex Marine Construction, Inc.	\$ 7,500.00	\$ 37,500.00	\$ 325,000.00	\$ 325,000.00	\$ 50,000.00	\$ 50,000.00
2 Power Engineering Construction Co.	\$ 7,600.00	\$ 38,000.00	\$ 325,000.00	\$ 325,000.00	\$ 50,000.00	\$ 50,000.00
3 Manson Construction Co.	\$ 15,000.00	\$ 75,000.00	\$ 325,000.00	\$ 325,000.00	\$ 50,000.00	\$ 50,000.00

1) AVERAGE BID	\$ 9,900.00	\$ 49,500.00	\$ 325,000.00	\$ 325,000.00	\$ 50,000.00	\$ 50,000.00
2) STANDARD DEVIATION	\$ 3,050.41	\$ 15,252.05	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ 2,000.00	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	70		71		72	
	ITEM 70		ITEM 71		ITEM 72	
	Perform Work Associated with Regulatory Agency Regulation		Seawall Repair, Shotcrete Repairs, and Polyurethane Pressure Grouting:		Miscellaneous Demolition, Removals, and Disposal Including Hazardous	
	Lump Sum		Lump Sum		Lump Sum	
	1		1		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 75,000.00	\$ 75,000.00	\$ 250,000.00	\$ 250,000.00	\$ 205,000.00	\$ 205,000.00
1 Vortex Marine Construction, Inc.	\$ 75,000.00	\$ 75,000.00	\$ 250,000.00	\$ 250,000.00	\$ 205,000.00	\$ 205,000.00
2 Power Engineering Construction Co.	\$ 75,000.00	\$ 75,000.00	\$ 250,000.00	\$ 250,000.00	\$ 205,000.00	\$ 205,000.00
3 Manson Construction Co.	\$ 75,000.00	\$ 75,000.00	\$ 250,000.00	\$ 250,000.00	\$ 205,000.00	\$ 205,000.00

1) AVERAGE BID	\$ 75,000.00	\$ 75,000.00	\$ 250,000.00	\$ 250,000.00	\$ 205,000.00	\$ 205,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	73		74		75	
	ITEM 73		ITEM 74		ITEM 75	
	Perform Miscellaneous Improvements and Structures Work: Bidder shall		Unforeseen Utility and Substructure Additions, Modifications, and		Remove and Dispose of Contaminated and Hazardous Soil	
	Lump Sum		Lump Sum		Lump Sum	
	1		1		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 75,000.00	\$ 75,000.00
1 Vortex Marine Construction, Inc.	\$ 100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 75,000.00	\$ 75,000.00
2 Power Engineering Construction Co.	\$ 100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 75,000.00	\$ 75,000.00
3 Manson Construction Co.	\$ 100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 75,000.00	\$ 75,000.00

1) AVERAGE BID	\$ 100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 75,000.00	\$ 75,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	76		77		78	
	ITEM 76		ITEM 77		ITEM 78	
	Perform Diving and Underwater Construction Work: Bidder shall		Dredge, Remove, and Dispose of Concrete Rubble and Rock at an		Cathodic Protection: Bidder shall include in the bid the listed allowance	
	Lump Sum		Lump Sum		Lump Sum	
	1		1		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 25,000.00	\$ 25,000.00	\$ 100,000.00	\$ 100,000.00	\$ 25,000.00	\$ 25,000.00
1 Vortex Marine Construction, Inc.	\$ 25,000.00	\$ 25,000.00	\$ 100,000.00	\$ 100,000.00	\$ 25,000.00	\$ 25,000.00
2 Power Engineering Construction Co.	\$ 25,000.00	\$ 25,000.00	\$ 100,000.00	\$ 100,000.00	\$ 25,000.00	\$ 25,000.00
3 Manson Construction Co.	\$ 25,000.00	\$ 25,000.00	\$ 100,000.00	\$ 100,000.00	\$ 25,000.00	\$ 25,000.00

1) AVERAGE BID	\$ 25,000.00	\$ 25,000.00	\$ 100,000.00	\$ 100,000.00	\$ 25,000.00	\$ 25,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CONSTRUCTION DIVISION  
**SPECIFICATION NO. 2842**  
 2025 - 2027 MARINE IMPROVEMENTS

PROJ. CONST. MGR.: ANTHONY MAINEZ

	79		80		81	
	ITEM 79		ITEM 80		ITEM 81	
	Sheet Steel Piles and Steel H Piles (King Piles): Bidder shall include in		Water Quality Reports and Sampling for Dredging and Pile Driving: Bidder		Electrical System Improvements: Bidder shall include in the bid the	
	Lump Sum		Lump Sum		Lump Sum	
	1		1		1	
	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
ENGINEERING ESTIMATE	\$ 150,000.00	\$ 150,000.00	\$ 75,000.00	\$ 75,000.00	\$ 1,000,000.00	\$ 1,000,000.00
1 Vortex Marine Construction, Inc.	\$ 150,000.00	\$ 150,000.00	\$ 75,000.00	\$ 75,000.00	\$ 1,000,000.00	\$ 1,000,000.00
2 Power Engineering Construction Co.	\$ 150,000.00	\$ 150,000.00	\$ 75,000.00	\$ 75,000.00	\$ 1,000,000.00	\$ 1,000,000.00
3 Manson Construction Co.	\$ 150,000.00	\$ 150,000.00	\$ 75,000.00	\$ 75,000.00	\$ 1,000,000.00	\$ 1,000,000.00

1) AVERAGE BID	\$ 150,000.00	\$ 150,000.00	\$ 75,000.00	\$ 75,000.00	\$ 1,000,000.00	\$ 1,000,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Shaun Shahrestani  
 2025.08.07 07:32:31  
 -07'00'

---

SHAUN SHAHRESTANI  
 Chief HarborEngineer