

CONSTRUCTION DIVISION

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

**ENGINEERING ESTIMATE: \$9,573,525.00**  
**ADVERTISED DATE: JANUARY 26, 2017**  
**BID OPENING DATE: MARCH 30, 2017**

	GRAND TOTAL ITEM 1-79	ITEM 1 LUMP SUM CONSTRUCTION
ENGINEERING ESTIMATE	\$ 9,573,525.00	\$ 655,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 7,987,600.00	\$ 990,000.00
	* \$7,322,600.00	
2) REYES CONSTRUCTION, INC.	\$ 9,072,305.00	\$ 1,479,000.00
3) CONNOLLY-PACIFIC CO.	\$ 9,051,750.00	\$ 785,000.00
	**	
4) JOHN S. MEEK COMPANY, INC.	\$ 10,376,510.00	\$ 1,060,000.00

1) AVERAGE BID	\$ 9,122,041.25	\$ 1,078,500.00
2) STANDARD DEVIATION	\$ 977,763.32	\$ 291,385.77
3) ENG. EST. - LOW BIDDER	\$ 1,585,925.00	\$ (335,000.00)

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 2		ITEM 3	
	FURNISH AND APPLY SLURRY SEAL		FURNISH AND APPLY ASPHALT CRACK FILLER	
	Sq. Yds. Approx. Qty. =	5700	Lin. Ft. Approx. Qty. =	5000
ENGINEERING ESTIMATE	\$ 4.00	\$ 22,800.00	\$ 3.00	\$ 15,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 4.00	\$ 22,800.00	\$ 3.00	\$ 15,000.00
2) REYES CONSTRUCTION, INC.	\$ 4.00	\$ 22,800.00	\$ 2.00	\$ 10,000.00
3) CONNOLLY-PACIFIC CO.	\$ 3.50	\$ 19,950.00	\$ 4.00	\$ 20,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 3.25	\$ 18,525.00	\$ 1.50	\$ 7,500.00

1) AVERAGE BID	\$ 3.69	\$ 21,018.75	\$ 2.63	\$ 13,125.00
2) STANDARD DEVIATION	\$ 0.38	\$ 2,137.50	\$ 1.11	\$ 5,543.39
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -	\$ -

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 4 PAVEMENT MARKINGS		ITEM 5 REPAIR EXISTING MOORING BOLLARDS IN TIMBER WHARF	
	Lin. Ft. Approx. Qty. =	1700	Each Approx. Qty. =	3
ENGINEERING ESTIMATE	\$ 3.00	\$ 5,100.00	\$ 6,500.00	\$ 19,500.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 2.00	\$ 3,400.00	\$ 4,300.00	\$ 12,900.00
2) REYES CONSTRUCTION, INC.	\$ 3.00	\$ 5,100.00	\$ 4,536.00	\$ 13,608.00
3) CONNOLLY-PACIFIC CO.	\$ 2.00	\$ 3,400.00	\$ 4,500.00	\$ 13,500.00
4) JOHN S. MEEK COMPANY, INC.	\$ 3.00	\$ 5,100.00	\$ 6,300.00	\$ 18,900.00
1) AVERAGE BID	\$ 2.50	\$ 4,250.00	\$ 4,909.00	\$ 14,727.00
2) STANDARD DEVIATION	\$ 0.58	\$ 981.50	\$ 933.13	\$ 2,799.38
3) ENG. EST. - LOW BIDDER	\$ 1.00	\$ 1,700.00	\$ 2,200.00	\$ 6,600.00

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 6		ITEM 7	
	REPAIR EXISTING MOORING BOLLARDS IN CONCRETE WHARF	8	REPAIRS TO UNDERMINING AT ROCK SLOPE WITH CONCRETE FILLED BAGS	2100
	Each Approx. Qty. =		Bags Approx. Qty. =	
ENGINEERING ESTIMATE	\$ 6,250.00	\$ 50,000.00	\$ 50.00	\$ 105,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 4,000.00	\$ 32,000.00	\$ 62.00	\$ 130,200.00
				* \$103,200.00
2) REYES CONSTRUCTION, INC.	\$ 2,960.00	\$ 23,680.00	\$ 46.00	\$ 96,600.00
3) CONNOLLY-PACIFIC CO.	\$ 4,300.00	\$ 34,400.00	\$ 44.00	\$ 92,400.00
4) JOHN S. MEEK COMPANY, INC.	\$ 5,000.00	\$ 40,000.00	\$ 46.50	\$ 97,650.00

1) AVERAGE BID	\$ 4,065.00	\$ 32,520.00	\$ 49.63	\$ 104,212.50
2) STANDARD DEVIATION	\$ 847.49	\$ 6,779.89	\$ 8.32	\$ 17,472.85
3) ENG. EST. - LOW/BIDDER	\$ 2,250.00	\$ 18,000.00	\$ (12.00)	\$ (25,200.00)

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 8		ITEM 9	
	Cu. Yds Approx. Qty. =	400	Locations Approx. Qty. =	36
ENGINEERING ESTIMATE	\$ 400.00	\$	\$ 3,400.00	\$
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 250.00	\$	\$ 4,000.00	\$
2) REYES CONSTRUCTION, INC.	\$ 366.00	\$	\$ 3,052.00	\$
3) CONNOLLY-PACIFIC CO.	\$ 420.00	\$	\$ 3,700.00	\$
4) JOHN S. MEEK COMPANY, INC.	\$ 320.00	\$	\$ 3,000.00	\$

1) AVERAGE BID	\$ 339.00	\$	\$ 3,438.00	\$
2) STANDARD DEVIATION	\$ 72.05	\$	\$ 491.71	\$
3) ENG. EST. - LOW BIDDER	\$ 150.00	\$	\$ (600.00)	\$

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 10		ITEM 11	
	SHOTCRETE REPAIRS WITHOUT EXPOSED REINFORCING		SHOTCRETE REPAIRS WITH EXPOSED REINFORCING	
	Cu. Ft. Approx. Qty. =		Cu. Ft. Approx. Qty. =	
		400		200
ENGINEERING ESTIMATE	\$ 1,350.00	\$	\$ 1,540.00	\$
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 1,300.00	\$	\$ 1,400.00	\$
2) REYES CONSTRUCTION, INC.	\$ 1,185.00	\$	\$ 1,233.00	\$
3) CONNOLLY-PACIFIC CO.	\$ 1,225.00	\$	\$ 1,500.00	\$
4) JOHN S. MEEK COMPANY, INC.	\$ 1,330.00	\$	\$ 1,475.00	\$
		532,000.00		295,000.00

1) AVERAGE BID	\$ 1,260.00	\$	\$ 1,402.00	\$
2) STANDARD DEVIATION	\$ 66.71	\$	\$ 120.41	\$
3) ENG. EST. - LOW/BIDDER	\$ 50.00	\$	\$ 140.00	\$
		504,000.00		280,400.00
		26,683.33		24,082.64
		20,000.00		28,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 12		ITEM 13	
	EPOXY INJECTION REPAIRS		CONCRETE COLUMN REPAIR WITH JACKET ENCASEMENT (JACK3)	
	Lin. Ft. Approx. Qty. =	700	Each Approx. Qty. =	29
ENGINEERING ESTIMATE	\$ 350.00	\$	\$ 6,250.00	\$
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 300.00	\$	\$ 4,500.00	\$
2) REYES CONSTRUCTION, INC.	\$ 350.00	\$	\$ 5,408.00	\$
3) CONNOLLY-PACIFIC CO.	\$ 400.00	\$	\$ 7,300.00	\$
4) JOHN S. MEEK COMPANY, INC.	\$ 275.00	\$	\$ 6,895.00	\$
1) AVERAGE BID	\$ 331.25	\$	\$ 6,025.75	\$
2) STANDARD DEVIATION	\$ 55.43	\$	\$ 1,302.41	\$
3) ENG. EST. - LOW BIDDER	\$ 50.00	\$	\$ 1,750.00	\$
		231,875.00		174,746.75
		38,803.73		37,769.97
		35,000.00		50,750.00

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 14 TIMBER JOIST REPAIR			ITEM 15 REPAIR VERTICAL STEEL ROD BRACING		
	Each Approx. Qty. =			55 Each Approx. Qty. =		
ENGINEERING ESTIMATE	\$ 1,650.00	\$	90,750.00	\$ 6,850.00	\$	82,200.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 1,500.00	\$	82,500.00	\$ 4,000.00	\$	48,000.00
2) REYES CONSTRUCTION, INC.	\$ 1,585.00	\$	87,175.00	\$ 16,865.00	\$	202,380.00
3) CONNOLLY-PACIFIC CO.	\$ 950.00	\$	52,250.00	\$ 8,000.00	\$	96,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 900.00	\$	49,500.00	\$ 7,500.00	\$	90,000.00
1) AVERAGE BID	\$ 1,233.75	\$	67,856.25	\$ 9,091.25	\$	109,095.00
2) STANDARD DEVIATION	\$ 358.78	\$	19,732.89	\$ 5,479.50	\$	65,754.06
3) ENG. EST. - LOW/BIDDER	\$ 150.00	\$	8,250.00	\$ 2,850.00	\$	34,200.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID



**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 16		ITEM 17	
	REPAIR TIMBER CROSS BRACING		REPAIR SPLITS IN TIMBER MEMBERS	
	Each Approx. Qty. =		3 Each Approx. Qty. =	70
ENGINEERING ESTIMATE	\$ 3,500.00	\$	\$ 750.00	\$ 52,500.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 3,000.00	\$	\$ 600.00	\$ 42,000.00
2) REYES CONSTRUCTION, INC.	\$ 3,160.00	\$	\$ 537.00	\$ 37,590.00
3) CONNOLLY-PACIFIC CO.	\$ 3,600.00	\$	\$ 850.00	\$ 59,500.00
4) JOHN S. MEEK COMPANY, INC.	\$ 3,950.00	\$	\$ 1,225.00	\$ 85,750.00

1) AVERAGE BID	\$ 3,427.50	\$	\$ 803.00	\$	\$ 56,210.00
2) STANDARD DEVIATION	\$ 430.92	\$	\$ 312.12	\$	\$ 21,848.45
3) ENG. EST. - LOW/BIDDER	\$ 500.00	\$	\$ 150.00	\$	\$ 10,500.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 18		ITEM 19	
	PATCH EXISTING TIMBER PILE PVC WRAP		REPAIR BROKEN OR DAMAGED PILE WRAP BANDS	
	Each Approx Qty =	50	Each Approx Qty =	110
ENGINEERING ESTIMATE	\$ 300.00	\$ 15,000.00	\$ 300.00	\$ 33,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 170.00	\$ 8,500.00	\$ 195.00	\$ 21,450.00
2) REYES CONSTRUCTION, INC.	\$ 155.00	\$ 7,750.00	\$ 160.00	\$ 17,600.00
3) CONNOLLY-PACIFIC CO.	\$ 360.00	\$ 18,000.00	\$ 224.00	\$ 24,640.00
4) JOHN S. MEEK COMPANY, INC.	\$ 150.00	\$ 7,500.00	\$ 160.00	\$ 17,600.00
1) AVERAGE BID	\$ 208.75	\$ 10,437.50	\$ 184.75	\$ 20,322.50
2) STANDARD DEVIATION	\$ 101.19	\$ 5,059.54	\$ 30.93	\$ 3,402.75
3) ENG. EST. - LOW BIDDER	\$ 130.00	\$ 6,500.00	\$ 105.00	\$ 11,550.00

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 20		ITEM 21	
	TIMBER PILE POLYETHYLENE WRAP		TIMBER PILE REPAIR WITH JACKET ENCASEMENT (JACK2)	
	Each Approx. Qty. =	25	Each Approx. Qty. =	4
ENGINEERING ESTIMATE	\$ 1,650.00	\$ 41,250.00	\$ 8,650.00	\$ 34,600.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 1,500.00	\$ 37,500.00	\$ 9,500.00	\$ 38,000.00
2) REYES CONSTRUCTION, INC.	\$ 2,420.00	\$ 60,500.00	\$ 9,669.00	\$ 38,676.00
3) CONNOLLY-PACIFIC CO.	\$ 3,000.00	\$ 75,000.00	\$ 10,600.00	\$ 42,400.00
4) JOHN S. MEEK COMPANY, INC.	\$ 2,380.00	\$ 59,500.00	\$ 8,900.00	\$ 35,600.00

1) AVERAGE BID	\$ 2,325.00	\$ 58,125.00	\$ 9,667.25	\$ 38,669.00
2) STANDARD DEVIATION	\$ 618.68	\$ 15,467.03	\$ 703.96	\$ 2,815.83
3) ENG. EST. - LOW/BIDDER	\$ 150.00	\$ 3,750.00	\$ (850.00)	\$ (3,400.00)

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 22		ITEM 23	
	TIMBER PILE SPLICE REPAIR		REPLACE TIMBER CONNECTIONS	
	Each Approx. Qty. =		4 Each Approx. Qty. =	50
ENGINEERING ESTIMATE	\$ 13,650.00	\$	\$ 500.00	\$ 25,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 12,400.00	\$	\$ 600.00	\$ 30,000.00
2) REYES CONSTRUCTION, INC.	\$ 18,580.00	\$	\$ 649.00	\$ 32,450.00
3) CONNOLLY-PACIFIC CO.	\$ 13,850.00	\$	\$ 400.00	\$ 20,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 18,200.00	\$	\$ 400.00	\$ 20,000.00

1) AVERAGE BID	\$ 15,757.50	\$	\$ 63,030.00	\$ 512.25	\$ 25,612.50
2) STANDARD DEVIATION	\$ 3,100.74	\$	\$ 12,402.94	\$ 131.15	\$ 6,557.49
3) ENG. EST. - LOW/BIDDER	\$ 1,250.00	\$	\$ 5,000.00	\$ (100.00)	\$ (5,000.00)

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 24 TREATED WOOD WASTE TRANSPORTATION AND DISPOSAL LUMP SUM	ITEM 25 OIL LINES REMOVAL AND DISPOSAL LUMP SUM	ITEM 26 MOLASSES LINE REMOVAL AND DISPOSAL LUMP SUM
ENGINEERING ESTIMATE	\$ 50,000.00	\$ 200,000.00	\$ 150,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 10,000.00	\$ 10,000.00	\$ 70,000.00
2) REYES CONSTRUCTION, INC.	\$ 31,610.00	\$ 82,590.00	\$ 137,700.00
3) CONNOLLY-PACIFIC CO.	\$ 5,800.00	\$ 208,300.00	\$ 141,100.00
4) JOHN S. MEEK COMPANY, INC.	\$ 8,500.00	\$ 277,000.00	\$ 200,000.00
1) AVERAGE BID	\$ 13,977.50	\$ 144,472.50	\$ 137,200.00
2) STANDARD DEVIATION	\$ 11,882.76	\$ 120,484.83	\$ 53,151.17
3) ENG. EST. - LOW BIDDER	\$ 40,000.00	\$ 190,000.00	\$ 80,000.00

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 27 ELECTRICAL AND TELEPHONE LINES REMOVAL AND DISPOSAL LUMP SUM	ITEM 28 REMOVAL AND DISPOSAL OF BLACK COATING ON CONCRETE LUMP SUM	ITEM 29 FURNISH AND INSTALL NEW RUBBER FENDERS Each Approx Qty. =	
ENGINEERING ESTIMATE	\$ 50,000.00	\$ 80,000.00	\$ 25,000.00	\$ 225,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 5,000.00	\$ 38,000.00	\$ 10,000.00	\$ 90,000.00
2) REYES CONSTRUCTION, INC.	\$ 11,000.00	\$ 44,340.00	\$ 3,785.00	\$ 34,065.00
3) CONNOLLY-PACIFIC CO.	\$ 47,000.00	\$ 80,600.00	\$ 9,400.00	\$ 84,600.00
4) JOHN S. MEEK COMPANY, INC.	\$ 40,000.00	\$ 85,000.00	\$ 24,000.00	\$ 216,000.00

1) AVERAGE BID	\$ 25,750.00	\$ 61,985.00	\$ 11,796.25	\$ 106,166.25
2) STANDARD DEVIATION	\$ 20,838.67	\$ 24,240.70	\$ 8,603.88	\$ 77,434.91
3) ENG. EST. - LOW BIDDER	\$ 45,000.00	\$ 42,000.00	\$ 15,000.00	\$ 135,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 30		ITEM 31
	REPAIR RUBBER FENDERS		DEMOLISH AND DISPOSE OF OFF DEPARTMENT PROPERTY ASPHALT CONCRETE PAVEMENT 2 INCHES TO 5 INCHES THICK
	LUMP SUM	Cu. Yds. Approx. Qty. =	100
ENGINEERING ESTIMATE	\$ 16,500.00	\$ 250.00	\$ 25,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 8,000.00	\$ 250.00	\$ 25,000.00
2) REYES CONSTRUCTION, INC.	\$ 2,640.00	\$ 160.00	\$ 16,000.00
3) CONNOLLY-PACIFIC CO.	\$ 9,800.00	\$ 350.00	\$ 35,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 19,000.00	\$ 365.00	\$ 36,500.00

1) AVERAGE BID	\$ 9,860.00	\$ 281.25	\$ 28,125.00
2) STANDARD DEVIATION	\$ 6,810.07	\$ 95.60	\$ 9,560.12
3) ENG. EST. - LOW BIDDER	\$ 8,500.00	\$ -	\$ -

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 32		ITEM 33	
	REMOVE EXISTING AND INSTALL NEW TIMBER DECKING		INSTALL SUPPLEMENTAL TIMBER JOISTS	
	Sq. Ft. Approx Qty =	8400	Lin. Ft. Approx Qty =	7000
ENGINEERING ESTIMATE	\$ 40.00	\$	\$ 30.00	\$ 210,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 35.00	\$	\$ 25.00	\$ 175,000.00
2) REYES CONSTRUCTION, INC.	\$ 35.00	\$	\$ 32.00	\$ 224,000.00
3) CONNOLLY-PACIFIC CO.	\$ 30.30	\$	\$ 28.00	\$ 196,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 41.50	\$	\$ 27.00	\$ 189,000.00
1) AVERAGE BID	\$ 35.45	\$	\$ 28.00	\$ 196,000.00
2) STANDARD DEVIATION	\$ 4.60	\$	\$ 2.94	\$ 20,607.44
3) ENG. EST. - LOW BIDDER	\$ 5.00	\$	\$ 5.00	\$ 35,000.00
		297,780.00		196,000.00
		38,655.21		20,607.44
		42,000.00		35,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID



**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 34 ASPHALT CONCRETE PAVING		ITEM 35 LUMP SUM CONSTRUCTION BERTHS 196-197 (DRAWING NO. 1-3049) LUMP SUM	
ENGINEERING ESTIMATE	\$ 150.00	\$ 29,250.00	\$ 700,000.00	
	Tons Approx. Qty. = 195			
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 170.00	\$ 33,150.00	\$ 400,000.00	
2) REYES CONSTRUCTION, INC.	\$ 168.00	\$ 32,760.00	\$ 616,245.00	
3) CONNOLLY-PACIFIC CO.	\$ 222.00	\$ 43,290.00	\$ 803,000.00	
4) JOHN S. MEEK COMPANY, INC.	\$ 168.00	\$ 32,760.00	\$ 1,060,000.00	

1) AVERAGE BID	\$ 182.00	\$ 35,490.00	\$ 719,811.25
2) STANDARD DEVIATION	\$ 26.68	\$ 5,203.25	\$ 280,270.08
3) ENG. EST. - LOW BIDDER	\$ (20.00)	\$ (3,900.00)	\$ 300,000.00

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 36		ITEM 37	
	FURNISH AND APPLY SLURRY SEAL		FURNISH AND APPLY ASPHALT CRACK FILLER	
	Sq. Yds. Approx. Qty. =	8400	Lin. Ft. Approx. Qty. =	1300
ENGINEERING ESTIMATE	\$ 4.00	\$ 33,600.00	\$ 6.00	\$ 7,800.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 3.00	\$ 25,200.00	\$ 8.00	\$ 10,400.00
2) REYES CONSTRUCTION, INC.	\$ 4.00	\$ 33,600.00	\$ 5.00	\$ 6,500.00
3) CONNOLLY-PACIFIC CO.	\$ 2.60	\$ 21,840.00	\$ 6.70	\$ 8,710.00
4) JOHN S. MEEK COMPANY, INC.	\$ 2.50	\$ 21,000.00	\$ 3.50	\$ 4,550.00

1) AVERAGE BID	\$ 3.03	\$ 25,410.00	\$ 5.80	\$ 7,540.00
2) STANDARD DEVIATION	\$ 0.68	\$ 5,753.64	\$ 1.96	\$ 2,554.09
3) ENG. EST. - LOW BIDDER	\$ 1.00	\$ 8,400.00	\$ (2.00)	\$ (2,600.00)

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 38		ITEM 39	
	FURNISH AND APPLY PAVEMENT MARKINGS		REPAIRS TO UNDERMINING AT ROCK SLOPE WITH CONCRETE FILLED BAGS	
	Lin. Ft. Approx. Qty. =	7600	Bags Approx. Qty. =	4700
ENGINEERING ESTIMATE	\$ 3.00	\$ 22,800.00	\$ 50.00	\$ 235,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 1.50	\$ 11,400.00	\$ 55.00	\$ 258,500.00
2) REYES CONSTRUCTION, INC.	\$ 2.00	\$ 15,200.00	\$ 45.00	\$ 211,500.00
3) CONNOLLY-PACIFIC CO.	\$ 1.50	\$ 11,400.00	\$ 42.00	\$ 197,400.00
4) JOHN S. MEEK COMPANY, INC.	\$ 1.50	\$ 11,400.00	\$ 46.50	\$ 218,550.00

1) AVERAGE BID	\$ 1.63	\$ 12,350.00	\$ 47.13	\$ 221,487.50
2) STANDARD DEVIATION	\$ 0.25	\$ 1,900.00	\$ 5.57	\$ 26,194.86
3) ENG. EST. - LOW BIDDER	\$ 1.50	\$ 11,400.00	\$ (5.00)	\$ (23,500.00)

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 40		ITEM 41
	REPAIRS TO UNDERMINING AT ROCK SLOPE WITH SLURRY FILL		CAST-IN-PLACE CONCRETE REPAIRS
	Cu. Yds. Approx. Qty. =	200	LUMP SUM
ENGINEERING ESTIMATE	\$ 400.00	\$ 80,000.00	\$ 25,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 275.00	\$ 55,000.00	\$ 10,000.00
2) REYES CONSTRUCTION, INC.	\$ 360.00	\$ 72,000.00	\$ 15,520.00
3) CONNOLLY-PACIFIC CO.	\$ 423.00	\$ 84,600.00	\$ 17,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 320.00	\$ 64,000.00	\$ 12,860.00

1) AVERAGE BID	\$ 344.50	\$ 68,900.00	\$ 13,845.00
2) STANDARD DEVIATION	\$ 62.80	\$ 12,560.79	\$ 3,082.96
3) ENG. EST. - LOW/BIDDER	\$ 125.00	\$ 25,000.00	\$ 15,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 42 SHOTCRETE REPAIRS		ITEM 43 EPOXY INJECTION REPAIRS	
	Cu. Ft. Approx. Qty. =		20 Lin. Ft. Approx. Qty. =	
				60
ENGINEERING ESTIMATE	\$ 2,200.00	\$ 44,000.00	\$ 375.00	\$ 22,500.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 1,400.00	\$ 28,000.00	\$ 300.00	\$ 18,000.00
2) REYES CONSTRUCTION, INC.	\$ 1,810.00	\$ 36,200.00	\$ 405.00	\$ 24,300.00
3) CONNOLLY-PACIFIC CO.	\$ 2,000.00	\$ 40,000.00	\$ 530.00	\$ 31,800.00
4) JOHN S. MEEK COMPANY, INC.	\$ 2,200.00	\$ 44,000.00	\$ 275.00	\$ 16,500.00
1) AVERAGE BID	\$ 1,852.50	\$ 37,050.00	\$ 377.50	\$ 22,650.00
2) STANDARD DEVIATION	\$ 341.11	\$ 6,822.27	\$ 116.23	\$ 6,973.52
3) ENG. EST. - LOW BIDDER	\$ 800.00	\$ 16,000.00	\$ 75.00	\$ 4,500.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 44 REPAIR TIMBER CROSS BRACING		ITEM 45 REPLACE TIMBER CONNECTORS	
ENGINEERING ESTIMATE	Each Approx. Qty. =		2 Each Approx. Qty. =	10
	\$ 3,500.00	\$ 7,000.00	\$ 1,200.00	\$ 12,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 4,400.00	\$ 8,800.00	\$ 800.00	\$ 8,000.00
2) REYES CONSTRUCTION, INC.	\$ 3,160.00	\$ 6,320.00	\$ 970.00	\$ 9,700.00
3) CONNOLLY-PACIFIC CO.	\$ 3,700.00	\$ 7,400.00	\$ 1,300.00	\$ 13,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 3,400.00	\$ 6,800.00	\$ 2,900.00	\$ 29,000.00

1) AVERAGE BID	\$ 3,665.00	\$ 7,330.00	\$ 1,492.50	\$ 14,925.00
2) STANDARD DEVIATION	\$ 537.49	\$ 1,074.99	\$ 961.02	\$ 9,610.19
3) ENG. EST. - LOW BIDDER	\$ (900.00)	\$ (1,800.00)	\$ 400.00	\$ 4,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 46		ITEM 47	
	TIMBER PILE REPAIR WITH JACKET ENCASEMENT (JACK 2)		TIMBER PILE SPLICE REPAIR	
	Each Approx. Qty. =	26	Each Approx. Qty. =	29
ENGINEERING ESTIMATE	\$ 7,650.00	\$ 198,900.00	\$ 13,650.00	\$ 395,850.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 10,000.00	\$ 260,000.00	\$ 13,000.00	\$ 377,000.00
2) REYES CONSTRUCTION, INC.	\$ 7,540.00	\$ 196,040.00	\$ 13,873.00	\$ 402,317.00
3) CONNOLLY-PACIFIC CO.	\$ 8,900.00	\$ 231,400.00	\$ 17,800.00	\$ 516,200.00
4) JOHN S. MEEK COMPANY, INC.	\$ 8,900.00	\$ 231,400.00	\$ 17,200.00	\$ 498,800.00
		* \$231,600.00		

1) AVERAGE BID	\$ 8,835.00	\$ 229,710.00	\$ 15,468.25	\$ 448,579.25
2) STANDARD DEVIATION	\$ 1,007.09	\$ 26,184.38	\$ 2,385.59	\$ 69,182.07
3) ENG. EST. - LOW BIDDER	\$ (2,350.00)	\$ (61,100.00)	\$ 650.00	\$ 18,850.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 48		ITEM 49	
	PATCH EXISTING TIMBER PILE PVC WRAP		REPAIR BROKEN OR DAMAGED PILE WRAP BANDS	
	Each Approx. Qty. = 150		Each Approx. Qty. = 480	
ENGINEERING ESTIMATE	\$ 300.00	\$ 45,000.00	\$ 300.00	\$ 144,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 160.00	\$ 24,000.00	\$ 170.00	\$ 81,600.00
2) REYES CONSTRUCTION, INC.	\$ 153.00	\$ 22,950.00	\$ 155.00	\$ 74,400.00
3) CONNOLLY-PACIFIC CO.	\$ 270.00	\$ 40,500.00	\$ 145.00	\$ 69,600.00
4) JOHN S. MEEK COMPANY, INC.	\$ 150.00	\$ 22,500.00	\$ 157.00	\$ 75,360.00

1) AVERAGE BID	\$ 183.25	\$ 27,487.50	\$ 156.75	\$ 75,240.00
2) STANDARD DEVIATION	\$ 57.98	\$ 8,697.74	\$ 10.28	\$ 4,932.18
3) ENG. EST. - LOW BIDDER	\$ 140.00	\$ 21,000.00	\$ 130.00	\$ 62,400.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID



**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 50		ITEM 51	
	TIMBER PILE TIDAL PVC WRAP		TIMBER PILE SUBMERGED PVC WRAP	
	Each Approx. Qty. =		Each Approx. Qty. =	
		130		60
ENGINEERING ESTIMATE	\$ 750.00	\$ 97,500.00	\$ 1,000.00	\$ 60,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 600.00	\$ 78,000.00	\$ 750.00	\$ 45,000.00
2) REYES CONSTRUCTION, INC.	\$ 800.00	\$ 104,000.00	\$ 685.00	\$ 41,100.00
3) CONNOLLY-PACIFIC CO.	\$ 895.00	\$ 116,350.00	\$ 910.00	\$ 54,600.00
4) JOHN S. MEEK COMPANY, INC.	\$ 780.00	\$ 101,400.00	\$ 670.00	\$ 40,200.00

1) AVERAGE BID	\$ 768.75	\$ 99,937.50	\$ 753.75	\$ 45,225.00
2) STANDARD DEVIATION	\$ 123.18	\$ 16,013.19	\$ 109.80	\$ 6,588.06
3) ENG. EST. - LOW BIDDER	\$ 150.00	\$ 19,500.00	\$ 250.00	\$ 15,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 52		ITEM 53	
	TIMBER PILE ROCKLINE/MUDLINE CRATER DIGGING		BERTHS 196-197 RAMP SUPPORT REPAIRS	
	Cu. Yds. Approx. Qty. =	80	Each Approx. Qty. =	2
ENGINEERING ESTIMATE	\$ 1,200.00	\$	\$ 37,500.00	\$ 75,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 1,000.00	\$	\$ 12,000.00	\$ 24,000.00
2) REYES CONSTRUCTION, INC.	\$ 995.00	\$	\$ 24,970.00	\$ 49,940.00
3) CONNOLLY-PACIFIC CO.	\$ 900.00	\$	\$ 7,900.00	\$ 15,800.00
4) JOHN S. MEEK COMPANY, INC.	\$ 1,000.00	\$	\$ 7,500.00	\$ 15,000.00
1) AVERAGE BID	\$ 973.75	\$	\$ 13,092.50	\$ 26,185.00
2) STANDARD DEVIATION	\$ 49.22	\$	\$ 8,175.30	\$ 16,350.60
3) ENG. EST. - LOW BIDDER	\$ 200.00	\$	\$ 25,500.00	\$ 51,000.00

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 54		ITEM 55	
	TIMBER CAP END REPAIRS		FURNISH AND INSTALL NEW RUBBER FENDERS	
	Each Approx. Qty. =		15 Each Approx. Qty. =	
ENGINEERING ESTIMATE	\$ 3,625.00	\$	\$ 54,375.00	\$ 25,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 1,700.00	\$	25,500.00	\$ 10,000.00
2) REYES CONSTRUCTION, INC.	\$ 2,000.00	\$	30,000.00	\$ 4,000.00
3) CONNOLLY-PACIFIC CO.	\$ 1,320.00	\$	19,800.00	\$ 9,400.00
4) JOHN S. MEEK COMPANY, INC.	\$ 1,400.00	\$	21,000.00	\$ 25,500.00

1) AVERAGE BID	\$ 1,605.00	\$	24,075.00	\$ 12,225.00	\$	171,150.00
2) STANDARD DEVIATION	\$ 310.00	\$	4,650.00	\$ 9,252.16	\$	129,530.27
3) ENG. EST. - LOW BIDDER	\$ 1,925.00	\$	28,875.00	\$ 15,000.00	\$	210,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 56 REPAIR EXISTING RUBBER FENDERS LUMP SUM	ITEM 57 REMOVE AND REPLACE UTILITY COVERS LUMP SUM	ITEM 58 TREATED WOOD WASTE TRANSPORTATION AND DISPOSAL LUMP SUM
ENGINEERING ESTIMATE	\$ 31,200.00	\$ 5,000.00	\$ 50,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 8,000.00	\$ 5,000.00	\$ 15,000.00
2) REYES CONSTRUCTION, INC.	\$ 5,440.00	\$ 3,655.00	\$ 33,590.00
3) CONNOLLY-PACIFIC CO.	\$ 20,000.00	\$ 1,300.00	\$ 9,500.00
4) JOHN S. MEEK COMPANY, INC.	\$ 20,000.00	\$ 1,200.00	\$ 11,500.00

1) AVERAGE BID	\$ 13,360.00	\$ 2,788.75	\$ 17,397.50
2) STANDARD DEVIATION	\$ 7,738.11	\$ 1,860.15	\$ 11,031.71
3) ENG. EST. - LOW BIDDER	\$ 23,200.00	\$ -	\$ 35,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 59 OIL LINES REMOVAL AND DISPOSAL LUMP SUM	ITEM 60 MOLASSES LINES REMOVAL AND DISPOSAL LUMP SUM	ITEM 61 ELECTRICAL AND TELEPHONE LINES REMOVAL AND DISPOSAL LUMP SUM
ENGINEERING ESTIMATE	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 165,000.00	\$ 142,000.00	\$ 100,000.00
2) REYES CONSTRUCTION, INC.	\$ 186,020.00	\$ 165,430.00	\$ 121,000.00
3) CONNOLLY-PACIFIC CO.	\$ 214,000.00	\$ 176,000.00	\$ 60,500.00
4) JOHN S. MEEK COMPANY, INC.	\$ 290,000.00	\$ 240,000.00	\$ 50,000.00

1) AVERAGE BID	\$ 213,755.00	\$ 180,857.50	\$ 82,875.00
2) STANDARD DEVIATION	\$ 54,649.31	\$ 41,910.00	\$ 33,307.59
3) ENG. EST. - LOW BIDDER	\$ 35,000.00	\$ 58,000.00	\$ -

\* AS IN BID

\*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 62 REMOVAL AND DISPOSAL OF BLACK COATING ON CONCRETE LUMP SUM	ITEM 63 DEMOLISH AND DISPOSE OFF DEPARTMENT PROPERTY ASPHALT CONCRETE PAVEMENT 2 INCHES TO 5 INCHES THICK Cu. Yds. Approx. Qty. = 130
ENGINEERING ESTIMATE	\$ 50,000.00	\$ 250.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 12,000.00	\$ 300.00
2) REYES CONSTRUCTION, INC.	\$ 12,750.00	\$ 208.00
3) CONNOLLY-PACIFIC CO.	\$ 40,300.00	\$ 350.00
4) JOHN S. MEEK COMPANY, INC.	\$ 41,000.00	\$ 380.00

1) AVERAGE BID	\$ 26,512.50	\$ 309.50	\$ 40,235.00
2) STANDARD DEVIATION	\$ 16,329.95	\$ 75.28	\$ 9,786.91
3) ENG. EST. - LOW BIDDER	\$ 38,000.00	\$ (50.00)	\$ (6,500.00)

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 64		ITEM 65	
	REMOVE EXISTING, AND INSTALL NEW, TIMBER DECKING		INSTALL SUPPLEMENTAL TIMBER JOISTS	
	sq. Ft. Approx. Qty. =	14000	sq. Ft. Approx. Qty. =	9500
ENGINEERING ESTIMATE	\$ 40.00	\$ 560,000.00	\$ 30.00	\$ 285,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 36.00	\$ 504,000.00	\$ 22.00	\$ 209,000.00
2) REYES CONSTRUCTION, INC.	\$ 33.00	\$ 462,000.00	\$ 32.00	\$ 304,000.00
3) CONNOLLY-PACIFIC CO.	\$ 30.25	\$ 423,500.00	\$ 24.00	\$ 228,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 42.50	\$ 595,000.00	\$ 29.00	\$ 275,500.00

1) AVERAGE BID	\$ 35.44	\$ 496,125.00	\$ 26.75	\$ 254,125.00
2) STANDARD DEVIATION	\$ 5.26	\$ 73,659.55	\$ 4.57	\$ 43,448.01
3) ENG. EST. - LOW BIDDER	\$ 4.00	\$ 56,000.00	\$ 8.00	\$ 76,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 66 ASPHALT CONCRETE PAVING		ITEM 67 RENAIL TIMBER PILE PVC WRAP	
	Tons Approx Qty =		Each Approx Qty =	
		300		200
ENGINEERING ESTIMATE	\$ 150.00	\$ 45,000.00	\$ 150.00	\$ 30,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 145.00	\$ 43,500.00	\$ 110.00	\$ 22,000.00
2) REYES CONSTRUCTION, INC.	\$ 153.00	\$ 45,900.00	\$ 94.00	\$ 18,800.00
3) CONNOLLY-PACIFIC CO.	\$ 188.00	\$ 56,400.00	\$ 340.00	\$ 68,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 160.00	\$ 48,000.00	\$ 95.00	\$ 19,000.00
1) AVERAGE BID	\$ 161.50	\$ 48,450.00	\$ 159.75	\$ 31,950.00
2) STANDARD DEVIATION	\$ 18.70	\$ 5,609.81	\$ 120.39	\$ 24,077.86
3) ENG. EST. - LOW BIDDER	\$ 5.00	\$ 1,500.00	\$ 40.00	\$ 8,000.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID



**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 68 CORE SAMPLES (CONTINGENCY ITEM)		ITEM 69 CONSTRUCT FULL SPAN CAP BEAM REPAIR (CONTINGENCY ITEM)	
	Cores Approx. Qty. =		20 Each Approx. Qty. =	
ENGINEERING ESTIMATE	\$ 350.00	\$ 7,000.00	\$ 10,500.00	\$ 105,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 260.00	\$ 5,200.00	\$ 12,500.00	\$ 125,000.00
2) REYES CONSTRUCTION, INC.	\$ 290.00	\$ 5,800.00	\$ 10,450.00	\$ 104,500.00
3) CONNOLLY-PACIFIC CO.	\$ 220.00	\$ 4,400.00	\$ 17,800.00	\$ 178,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 200.00	\$ 4,000.00	\$ 25,000.00	\$ 250,000.00

1) AVERAGE BID	\$ 242.50	\$ 4,850.00	\$ 16,437.50	\$ 164,375.00
2) STANDARD DEVIATION	\$ 40.31	\$ 806.23	\$ 6,494.28	\$ 64,942.76
3) ENG. EST. - LOW BIDDER	\$ 90.00	\$ 1,800.00	\$ (2,000.00)	\$ (20,000.00)

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 70 CONSTRUCT PARTIAL CAP BEAM REPLACEMENT (CONTINGENCY ITEM)		ITEM 71 FRONT MARGINAL BEAM REPAIR (CONTINGENCY ITEM)	
	Each Approx. Qty. =		10 Each Approx. Qty. =	
ENGINEERING ESTIMATE	\$ 7,250.00	\$ 72,500.00	\$ 9,850.00	\$ 78,800.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 7,400.00	\$ 74,000.00	\$ 7,500.00	\$ 60,000.00
2) REYES CONSTRUCTION, INC.	\$ 10,215.00	\$ 102,150.00	\$ 10,960.00	\$ 87,680.00
3) CONNOLLY-PACIFIC CO.	\$ 7,900.00	\$ 79,000.00	\$ 7,100.00	\$ 56,800.00
4) JOHN S. MEEK COMPANY, INC.	\$ 9,000.00	\$ 90,000.00	\$ 10,000.00	\$ 80,000.00

1) AVERAGE BID	\$ 8,628.75	\$ 86,287.50	\$ 8,890.00	\$ 71,120.00
2) STANDARD DEVIATION	\$ 1,250.99	\$ 12,509.89	\$ 1,884.43	\$ 15,075.42
3) ENG. EST. - LOW/BIDDER	\$ (150.00)	\$ (1,500.00)	\$ 2,350.00	\$ 18,800.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 72 PERFORM UNFORESEEN UTILITY AND SUBSTRUCTURE MODIFICATIONS, REMOVALS, AND ADDITIONS (ALLOWANCE ITEM)	ITEM 73 UNFORESEEN WATERSIDE RELATED WORK (ALLOWANCE ITEM)	ITEM 74 UNFORESEEN LANDSIDE RELATED WORK (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00
2) REYES CONSTRUCTION, INC.	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00
3) CONNOLLY-PACIFIC CO.	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00
1) AVERAGE BID	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2786A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 75 PREMIUM TIME (ALLOWANCE ITEM)	ITEM 76 ADDITIONAL UNFORESEEN CONTAMINATION (ALLOWANCE ITEM)	ITEM 77 UNFORESEEN REGULATORY WORK (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 50,000.00	\$ 50,000.00	\$ 100,000.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 50,000.00	\$ 50,000.00	\$ 100,000.00
2) REYES CONSTRUCTION, INC.	\$ 50,000.00	\$ 50,000.00	\$ 100,000.00
3) CONNOLLY-PACIFIC CO.	\$ 50,000.00	\$ 50,000.00	\$ 100,000.00
4) JOHN S. MEEK COMPANY, INC.	\$ 50,000.00	\$ 50,000.00	\$ 100,000.00

1) AVERAGE BID	\$ 50,000.00	\$ 50,000.00	\$ 100,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	ITEM 78 INTERNET-BASED PROJECT COLLABORATION (ALLOWANCE ITEM)	ITEM 79 UNDERWATER PILE INSPECTION (ALLOWANCE ITEM)	GRAND TOTAL BID ITEMS 1 -79
ENGINEERING ESTIMATE	\$ 25,000.00	\$ 50,000.00	\$ 9,573,525.00
1) VORTEX MARINE CONSTRUCTION, INC.	\$ 25,000.00	\$ 50,000.00	\$ * \$7,322,600.00 7,987,600.00
2) REYES CONSTRUCTION, INC.	\$ 25,000.00	\$ 50,000.00	\$ 9,072,305.00
3) CONNOLLY-PACIFIC CO.	\$ 25,000.00	\$ 50,000.00	\$ 9,051,750.00
4) JOHN S. MEEK COMPANY, INC.	\$ 25,000.00	\$ 50,000.00	\$ 10,376,510.00

1) AVERAGE BID	\$ 25,000.00	\$ 50,000.00	\$ 9,122,041.25
2) STANDARD DEVIATION	\$ -	\$ -	\$ 977,763.32
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ 1,585,925.00


\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

**SPECIFICATION NO. 2766A**  
**BERTHS 196-199 WHARF REHABILITATION**  
**PROJ. CONST. MGR.: PHONG NGO**

	LOCAL BUSINESS PREFERENCE	REDUCED BID AMOUNT
		GRAND TOTAL SUM LESS LOCAL BUSINESS PREFERENCE
ENGINEERING ESTIMATE	\$0.00	\$9,573,525.00
1) VORTEX MARINE CONSTRUCTION, INC.	* \$0.00	* \$7,322,600.00
2) REYES CONSTRUCTION, INC.	\$159,752.00	\$7,827,848.00
3) CONNOLLY-PACIFIC CO.	\$725,784.40	\$8,346,520.60
4) JOHN S. MEEK COMPANY, INC.	\$724,140.00	\$8,327,610.00
	* \$0.00	**
	\$830,120.80	\$9,546,389.20

1) AVERAGE BID	\$	609,949.30	\$	8,512,091.95
2) STANDARD DEVIATION	\$	304,198.61	\$	730,161.64
3) ENG. EST. - LOW BIDDER	\$	(159,752.00)	\$	1,745,677.00

\* AS IN BID  
 \*\* DID NOT INCLUDE IN BID

  
**SHAUN SHARESTANI**  
 Chief Harbor Engineer  
 Construction Division