

SUMMARY OF ANALYSIS OF BIDS

Prime Contractors	Bid Grand Total (\$)
1. Reyes Construction	\$32,113,510.00
2. Manson/Connoly JV	\$33,872,750.00
3. Shimmick/Nova JV	\$34,037,870.00
4. Vortex Marine	\$36,249,400.00
5. Griffith Company	\$42,656,300.00

CONSTRUCTION DIVISION

SPECIFICATION NO. 2626
 B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

ENGINEERING ESTIMATE: \$36,658,050.00
 ADVERTISED DATE: FEBRUARY 22, 2012
 BID OPENING DATE: APRIL 19, 2012

	ITEM 1	ITEM 2	ITEM 3
	LUMP SUM CONSTRUCTION	DEMOLISH, REMOVE, AND DISPOSE OF CATALINA TERMINAL BUILDING	DEMOLISH, REMOVE, AND DISPOSE OF MARINE STRUCTURES
	LUMP SUM	LUMP SUM	LUMP SUM
ENGINEERING ESTIMATE	\$ 9,400,000.00	\$ 600,000.00	\$ 450,000.00
1) REYES CONSTRUCTION	\$ 5,660,000.00	\$ 600,000.00	\$ 1,325,000.00
2) MANSON/CONNOLY JV	\$ 9,380,000.00	\$ 370,000.00	\$ 470,000.00
3) SHIMMICK/NOVA JV	\$ 8,210,000.00	\$ 400,000.00	\$ 450,000.00
4) VORTEX MARINE	\$ 9,130,000.00	\$ 770,000.00	\$ 400,000.00
5) GRIFFITH COMPANY	\$ 15,850,750.00	\$ 330,000.00	\$ 390,000.00
1) AVERAGE BID	\$ 9,646,150.00	\$ 494,000.00	\$ 607,000.00
2) STANDARD DEVIATION	\$ 3,767,831.82	\$ 186,091.38	\$ 402,765.44
3) ENG. EST. - LOW BIDDER	\$ 3,740,000.00	\$ -	\$ (875,000.00)

TRANSMITTAL NO. 1

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 4		ITEM 5	
	CONCRETE PILE REMOVAL		TIMBER PILE REMOVAL	
	Each Approx. Qty. =	80	Each Approx. Qty. =	50
ENGINEERING ESTIMATE	\$ 850.00	\$ 68,000.00	\$ 750.00	\$ 37,500.00
1) REYES CONSTRUCTION	\$ 1,050.00	\$ 84,000.00	\$ 750.00	\$ 37,500.00
2) MANSON/CONNOLLY JV	\$ 1,000.00	\$ 80,000.00	\$ 1,000.00	\$ 50,000.00
3) SHIMMICK/NOVA JV	\$ 2,200.00	\$ 176,000.00	\$ 2,000.00	\$ 100,000.00
4) VORTEX MARINE	\$ 3,500.00	\$ 280,000.00	\$ 2,000.00	\$ 100,000.00
5) GRIFFITH COMPANY	\$ 2,500.00	\$ 200,000.00	\$ 1,200.00	\$ 60,000.00
1) AVERAGE BID	\$ 2,050.00	\$ 164,000.00	\$ 1,390.00	\$ 69,500.00
2) STANDARD DEVIATION	\$ 1,052.38	\$ 84,190.26	\$ 579.22	\$ 28,961.18
3) ENG. EST. - LOW BIDDER	\$ (200.00)	\$ (16,000.00)	\$ -	\$ -

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 6		ITEM 7	
	INDICATOR PILE TESTING: FURNISH 24-INCH OCTAGONAL CONCRETE INDICATOR PILES		INDICATOR PILE TESTING: INSTALL 24-INCH OCTAGONAL CONCRETE INDICATOR PILES WITH DYNAMIC MONITORING AND CAPWAP	
	Lin Ft.Approx. Qty. =	560	Each Approx. Qty. =	4
ENGINEERING ESTIMATE	\$ 120.00	\$ 67,200.00	\$ 22,500.00	\$ 90,000.00
1) REYES CONSTRUCTION	\$ 61.00	\$ 34,160.00	\$ 32,000.00	\$ 128,000.00
2) MANSON/CONNOLY JV	\$ 85.00	\$ 47,600.00	\$ 30,000.00	\$ 120,000.00
3) SHIMMICK/NOVA JV	\$ 102.00	\$ 57,120.00	\$ 20,000.00	\$ 80,000.00
4) VORTEX MARINE	\$ 200.00	\$ 112,000.00	\$ 25,000.00	\$ 100,000.00
5) GRIFFITH COMPANY	\$ 130.00	\$ 72,800.00	\$ 72,000.00	\$ 288,000.00
1) AVERAGE BID	\$ 115.60	\$ 64,736.00	\$ 35,800.00	\$ 143,200.00
2) STANDARD DEVIATION	\$ 53.46	\$ 29,939.32	\$ 20,765.36	\$ 83,061.42
3) ENG. EST. - LOW BIDDER	\$ 59.00	\$ 33,040.00	\$ (9,500.00)	\$ (38,000.00)

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 8		ITEM 9	
	FURNISH 24-INCH OCTAGONAL SHORT (WITHOUT JET TUBES) CONCRETE PRODUCTION PILES		INSTALL 24-INCH OCTAGONAL CONCRETE PRODUCTION PILES	
	Lin. Ft. Approx. Qty. =	28000	Each Approx. Qty. =	200
ENGINEERING ESTIMATE	\$ 95.00	\$ 2,660,000.00	\$ 4,200.00	\$ 840,000.00
1) REYES CONSTRUCTION	\$ 45.00	\$ 1,260,000.00	\$ 11,650.00	\$ 2,330,000.00
2) MANSON/CONNOLY JV	\$ 80.00	\$ 2,240,000.00	\$ 6,000.00	\$ 1,200,000.00
3) SHIMMICK/NOVA JV	\$ 105.00	\$ 2,940,000.00	\$ 7,200.00	\$ 1,440,000.00
4) VORTEX MARINE	\$ 96.00	\$ 2,688,000.00	\$ 8,600.00	\$ 1,720,000.00
5) GRIFFITH COMPANY	\$ 113.00	\$ 3,164,000.00	\$ 8,100.00	\$ 1,620,000.00
1) AVERAGE BID	\$ 87.80	\$ 2,458,400.00	\$ 8,310.00	\$ 1,662,000.00
2) STANDARD DEVIATION	\$ 26.88	\$ 752,726.25	\$ 2,112.58	\$ 422,516.27
3) ENG. EST. - LOW BIDDER	\$ 50.00	\$ 1,400,000.00	\$ (7,450.00)	\$ (1,490,000.00)

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 10		ITEM 11	
	FURNISH 24-INCH OCTAGONAL SHORT (WITHOUT JET TUBES) CONCRETE PRODUCTION PILES		INSTALL 24-INCH OCTAGONAL SHORT (WITHOUT JET TUBES) CONCRETE PRODUCTION PILES	
	Lin. Ft. Approx. Qty. =	650	Each Approx. Qty. =	13
ENGINEERING ESTIMATE	\$ 90.00	\$ 58,500.00	\$ 3,800.00	\$ 49,400.00
1) REYES CONSTRUCTION	\$ 66.00	\$ 42,900.00	\$ 3,550.00	\$ 46,150.00
2) MANSON/CONNOLY JV	\$ 75.00	\$ 48,750.00	\$ 4,000.00	\$ 52,000.00
3) SHIMMICK/NOVA JV	\$ 95.00	\$ 61,750.00	\$ 2,500.00	\$ 32,500.00
4) VORTEX MARINE	\$ 100.00	\$ 65,000.00	\$ 5,500.00	\$ 71,500.00
5) GRIFFITH COMPANY	\$ 125.00	\$ 81,250.00	\$ 6,600.00	\$ 85,800.00
1) AVERAGE BID	\$ 92.20	\$ 59,930.00	\$ 4,430.00	\$ 57,590.00
2) STANDARD DEVIATION	\$ 23.06	\$ 14,988.10	\$ 1,623.11	\$ 21,100.49
3) ENG. EST. - LOW BIDDER	\$ 24.00	\$ 15,600.00	\$ 250.00	\$ 3,250.00

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 12		ITEM 13	
	QUARRY RUN		RIPRAP A250 ARMOR STONE	
	Tons Approx. Qty. =	140000	Tons Approx. Qty. =	13000
ENGINEERING ESTIMATE	\$ 35.00	\$ 4,900,000.00	\$ 45.00	\$ 585,000.00
1) REYES CONSTRUCTION	\$ 28.00	\$ 3,920,000.00	\$ 45.00	\$ 585,000.00
2) MANSON/CONNOLLY JV	\$ 23.00	\$ 3,220,000.00	\$ 37.00	\$ 481,000.00
3) SHIMMICK/NOVA JV	\$ 28.50	\$ 3,990,000.00	\$ 45.50	\$ 591,500.00
4) VORTEX MARINE	\$ 24.50	\$ 3,430,000.00	\$ 40.00	\$ 520,000.00
5) GRIFFITH COMPANY	\$ 30.00	\$ 4,200,000.00	\$ 43.00	\$ 559,000.00
1) AVERAGE BID	\$ 26.80	\$ 3,752,000.00	\$ 42.10	\$ 547,300.00
2) STANDARD DEVIATION	\$ 2.93	\$ 409,963.41	\$ 3.58	\$ 46,510.21
3) ENG. EST. - LOW BIDDER	\$ 7.00	\$ 980,000.00	\$ -	\$ -

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B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 14		ITEM 15	
	INSTALL DEPARTMENT-FURNISHED CRUSHED MISCELLANEOUS BASE AS SURCHARGE MATERIAL		FURNISH AND INSTALL ASPHALT CONCRETE	
	Cu. Yds. Approx. Qty. =	20000	Tons Approx. Qty. =	6500
ENGINEERING ESTIMATE	\$ 25.00	\$ 500,000.00	\$ 120.00	\$ 780,000.00
1) REYES CONSTRUCTION	\$ 11.00	\$ 220,000.00	\$ 115.00	\$ 747,500.00
2) MANSON/CONNOLY JV	\$ 12.00	\$ 240,000.00	\$ 100.00	\$ 650,000.00
3) SHIMMICK/NOVA JV	\$ 14.50	\$ 290,000.00	\$ 105.00	\$ 682,500.00
4) VORTEX MARINE	\$ 4.00	\$ 80,000.00	\$ 105.00	\$ 682,500.00
5) GRIFFITH COMPANY	\$ 10.00	\$ 200,000.00	\$ 82.00	\$ 533,000.00
1) AVERAGE BID	\$ 10.30	\$ 206,000.00	\$ 101.40	\$ 659,100.00
2) STANDARD DEVIATION	\$ 3.90	\$ 77,974.35	\$ 12.14	\$ 78,888.69
3) ENG. EST. - LOW BIDDER	\$ 14.00	\$ 280,000.00	\$ 5.00	\$ 32,500.00

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 16		ITEM 17	
	PLACE PORTLAND CEMENT CONCRETE PAVEMENT		FURNISH AND INSTALL DOCK RUBBER FENDER UNITS	
	Cu. Yds. Approx. Qty. = 15000		Each Approx. Qty. = 8	
ENGINEERING ESTIMATE	\$ 165.00	\$ 2,475,000.00	\$ 18,000.00	\$ 144,000.00
1) REYES CONSTRUCTION	\$ 194.00	\$ 2,910,000.00	\$ 18,600.00	\$ 148,800.00
2) MANSON/CONNOLLY JV	\$ 220.00	\$ 3,300,000.00	\$ 20,000.00	\$ 160,000.00
3) SHIMMICK/NOVA JV	\$ 185.00	\$ 2,775,000.00	\$ 27,000.00	\$ 216,000.00
4) VORTEX MARINE	\$ 210.00	\$ 3,150,000.00	\$ 30,000.00	\$ 240,000.00
5) GRIFFITH COMPANY	\$ 220.00	\$ 3,300,000.00	\$ 43,000.00	\$ 344,000.00
1) AVERAGE BID	\$ 205.80	\$ 3,087,000.00	\$ 27,720.00	\$ 221,760.00
2) STANDARD DEVIATION	\$ 15.75	\$ 236,315.47	\$ 9,772.00	\$ 78,176.01
3) ENG. EST. - LOW BIDDER	\$ (29.00)	\$ (435,000.00)	\$ (600.00)	\$ (4,800.00)

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 18		ITEM 19	
	FURNISH AND INSTALL WICK DRAINS IN LAND LOCATIONS		FURNISH AND INSTALL WICK DRAINS OVER WATER LOCATIONS	
	Lin. Ft. Approx. Qty. =	170000	Lin. Ft. Approx. Qty. =	245000
ENGINEERING ESTIMATE	\$ 2.00	\$ 340,000.00	\$ 3.50	\$ 857,500.00
1) REYES CONSTRUCTION	\$ 1.50	\$ 255,000.00	\$ 3.00	\$ 735,000.00
2) MANSON/CONNOLY JV	\$ 1.50	\$ 255,000.00	\$ 3.50	\$ 857,500.00
3) SHIMMICK/NOVA JV	\$ 2.00	\$ 340,000.00	\$ 3.00	\$ 735,000.00
4) VORTEX MARINE	\$ 2.00	\$ 340,000.00	\$ 4.00	\$ 980,000.00
5) GRIFFITH COMPANY	\$ 1.35	\$ 229,500.00	\$ 3.00	\$ 735,000.00
1) AVERAGE BID	\$ 1.67	\$ 283,900.00	\$ 3.30	\$ 808,500.00
2) STANDARD DEVIATION	\$ 0.31	\$ 52,259.45	\$ 0.45	\$ 109,567.33
3) ENG. EST. - LOW BIDDER	\$ 0.50	\$ 85,000.00	\$ 0.50	\$ 122,500.00

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
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 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 20		ITEM 21	
	GRAVEL DRAINAGE BLANKET		DEPARTMENT - FURNISHED FILL SOIL	
	Tons Approx. Qty. =	10000	Cu. Yds. Approx. Qty. =	46000
ENGINEERING ESTIMATE	\$ 35.00	\$ 350,000.00	\$ 15.00	\$ 690,000.00
1) REYES CONSTRUCTION	\$ 40.00	\$ 400,000.00	\$ 8.35	\$ 384,100.00
2) MANSON/CONNOLLY JV	\$ 31.00	\$ 310,000.00	\$ 12.00	\$ 552,000.00
3) SHIMMICK/NOVA JV	\$ 33.75	\$ 337,500.00	\$ 7.00	\$ 322,000.00
4) VORTEX MARINE	\$ 42.00	\$ 420,000.00	\$ 14.25	\$ 655,500.00
5) GRIFFITH COMPANY	\$ 40.00	\$ 400,000.00	\$ 5.00	\$ 230,000.00
1) AVERAGE BID	\$ 37.35	\$ 373,500.00	\$ 9.32	\$ 428,720.00
2) STANDARD DEVIATION	\$ 4.72	\$ 47,156.65	\$ 3.76	\$ 172,841.60
3) ENG. EST. - LOW BIDDER	\$ (5.00)	\$ (50,000.00)	\$ 6.65	\$ 305,900.00

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 22		ITEM 23
	RELOCATE AND PLACE CRUSHED MISCELLANEOUS BASE		FURNISH AND INSTALL ALTERNATIVE MARITIME POWER (AMP)
	Cu. Yds. Approx. Qty. = 20000		LUMP SUM
ENGINEERING ESTIMATE	\$ 35.00	\$ 700,000.00	\$ 1,350,000.00
1) REYES CONSTRUCTION	\$ 4.50	\$ 90,000.00	\$ 1,000,000.00
2) MANSON/CONNOLY JV	\$ 18.00	\$ 360,000.00	\$ 1,200,000.00
3) SHIMMICK/NOVA JV	\$ 10.75	\$ 215,000.00	\$ 1,300,000.00
4) VORTEX MARINE	\$ 7.75	\$ 155,000.00	\$ 1,100,000.00
5) GRIFFITH COMPANY	\$ 12.00	\$ 240,000.00	\$ 1,050,000.00
1) AVERAGE BID	\$ 10.60	\$ 212,000.00	\$ 1,130,000.00
2) STANDARD DEVIATION	\$ 5.05	\$ 101,032.17	\$ 120,415.95
3) ENG. EST. - LOW BIDDER	\$ 30.50	\$ 610,000.00	\$ 350,000.00

SPECIFICATION NO. 2626
B100 WHARF SOUTH EXTENSION &
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PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 24 CONSTRUCT ELECTRICAL SYSTEM (EXCLUDING AMP) LUMP SUM	ITEM 25 CONSTRUCT WATER SYSTEM LUMP SUM	ITEM 26 CONSTRUCT STORM DRAIN SYSTEM LUMP SUM
ENGINEERING ESTIMATE	\$ 850,000.00	\$ 425,000.00	\$ 650,000.00
1) REYES CONSTRUCTION	\$ 1,750,000.00	\$ 600,000.00	\$ 900,000.00
2) MANSON/CONNOLLY JV	\$ 800,000.00	\$ 700,000.00	\$ 1,000,000.00
3) SHIMMICK/NOVA JV	\$ 1,050,000.00	\$ 370,000.00	\$ 730,000.00
4) VORTEX MARINE	\$ 1,450,000.00	\$ 513,000.00	\$ 937,000.00
5) GRIFFITH COMPANY	\$ 900,000.00	\$ 500,000.00	\$ 1,100,000.00
1) AVERAGE BID	\$ 1,190,000.00	\$ 536,600.00	\$ 933,400.00
2) STANDARD DEVIATION	\$ 399,061.40	\$ 122,852.76	\$ 136,648.45
3) ENG. EST. - LOW BIDDER	\$ (900,000.00)	\$ (175,000.00)	\$ (250,000.00)

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B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 27		ITEM 28
	FURNISH AND PLACE TRIAXIAL GEOGRID		START UP, COMMISSIONING, AND TRAINING
	Sq. Yds. Approx. Qty. =	54000	LUMP SUM
ENGINEERING ESTIMATE	\$ 12.00	\$ 648,000.00	\$ 200,000.00
1) REYES CONSTRUCTION	\$ 1.65	\$ 89,100.00	\$ 30,000.00
2) MANSON/CONNOLY JV	\$ 5.00	\$ 270,000.00	\$ 50,000.00
3) SHIMMICK/NOVA JV	\$ 4.00	\$ 216,000.00	\$ 125,000.00
4) VORTEX MARINE	\$ 4.20	\$ 226,800.00	\$ 90,800.00
5) GRIFFITH COMPANY	\$ 5.00	\$ 270,000.00	\$ 80,000.00
1) AVERAGE BID	\$3.97	\$ 214,380.00	\$ 75,160.00
2) STANDARD DEVIATION	\$ 1.37	\$ 74,227.91	\$ 36,825.64
3) ENG. EST. - LOW BIDDER	\$10.35	\$ 558,900.00	\$ 170,000.00

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B100 WHARF SOUTH EXTENSION &
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 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 29		ITEM 30	
	DEMOLISH & REMOVE PAVEMENT		RESTRIKING 24-INCH OCTAGONAL CONCRETE PRODUCTION PILES (CONTINGENCY ITEM)	
	Tons Approx. Qty. =	25000	Each Approx. Qty. =	10
ENGINEERING ESTIMATE	\$ 25.00	\$ 625,000.00	\$ 2,000.00	\$ 20,000.00
1) REYES CONSTRUCTION	\$ 9.00	\$ 225,000.00	\$ 6,700.00	\$ 67,000.00
2) MANSON/CONNOLY JV	\$ 8.00	\$ 200,000.00	\$ 3,200.00	\$ 32,000.00
3) SHIMMICK/NOVA JV	\$ 10.00	\$ 250,000.00	\$ 4,750.00	\$ 47,500.00
4) VORTEX MARINE	\$ 3.00	\$ 75,000.00	\$ 5,000.00	\$ 50,000.00
5) GRIFFITH COMPANY	\$ 13.00	\$ 325,000.00	\$ 5,000.00	\$ 50,000.00
1) AVERAGE BID	\$8.60	\$ 215,000.00	\$ 4,930.00	\$ 49,300.00
2) STANDARD DEVIATION	\$ 3.65	\$ 91,172.91	\$ 1,241.77	\$ 12,417.73
3) ENG. EST. - LOW BIDDER	\$16.00	\$ 400,000.00	\$ (4,700.00)	\$ (47,000.00)

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B100 WHARF SOUTH EXTENSION &
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 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 31		ITEM 32	
	RESTRIKING 24-INCH OCTAGONAL CONCRETE PILES W/DYNAMIC MONITORING & CAPWAP (CONTINGENCY ITEM)		CONCRETE PILE BUILD-UPS GREATER THAN 6" BUT NO MORE THAN 4' IN HEIGHT (CONTINGENCY ITEM)	
	Each Approx. Qty. = 10		Each Approx. Qty. = 16	
ENGINEERING ESTIMATE	\$ 2,500.00	\$ 25,000.00	\$ 1,500.00	\$ 24,000.00
1) REYES CONSTRUCTION	\$ 7,900.00	\$ 79,000.00	\$ 1,300.00	\$ 20,800.00
2) MANSON/CONNOLY JV	\$ 3,600.00	\$ 36,000.00	\$ 900.00	\$ 14,400.00
3) SHIMMICK/NOVA JV	\$ 10,500.00	\$ 105,000.00	\$ 3,400.00	\$ 54,400.00
4) VORTEX MARINE	\$ 10,000.00	\$ 100,000.00	\$ 6,000.00	\$ 96,000.00
5) GRIFFITH COMPANY	\$ 8,000.00	\$ 80,000.00	\$ 1,500.00	\$ 24,000.00
1) AVERAGE BID	\$ 8,000.00	\$ 80,000.00	\$ 2,620.00	\$ 41,920.00
2) STANDARD DEVIATION	\$ 2,721.21	\$ 27,212.13	\$ 2,120.61	\$ 33,929.81
3) ENG. EST. - LOW BIDDER	\$ (5,400.00)	\$ (54,000.00)	\$ 200.00	\$ 3,200.00

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B100 WHARF SOUTH EXTENSION &
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	ITEM 33		ITEM 34	
	CONCRETE PILE BUILD-UPS MORE THAN 4' IN HEIGHT & NO MORE THAN 7' IN HEIGHT (CONTINGENCY ITEM)		SPUDDING OF OBSTRUCTIONS (CONTINGENCY ITEM)	
	Each Approx. Qty. =	10	Each Approx. Qty. =	10
ENGINEERING ESTIMATE	\$ 1,650.00	\$ 16,500.00	\$ 2,500.00	\$ 25,000.00
1) REYES CONSTRUCTION	\$ 2,400.00	\$ 24,000.00	\$ 3,500.00	\$ 35,000.00
2) MANSON/CONNOLLY JV	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00
3) SHIMMICK/NOVA JV	\$ 3,000.00	\$ 30,000.00	\$ 4,450.00	\$ 44,500.00
4) VORTEX MARINE	\$ 9,000.00	\$ 90,000.00	\$ 15,000.00	\$ 150,000.00
5) GRIFFITH COMPANY	\$ 2,500.00	\$ 25,000.00	\$ 10,500.00	\$ 105,000.00
1) AVERAGE BID	\$ 3,680.00	\$ 36,800.00	\$ 6,990.00	\$ 69,900.00
2) STANDARD DEVIATION	\$ 3,022.75	\$ 30,227.47	\$ 5,595.80	\$ 55,958.02
3) ENG. EST. - LOW BIDDER	\$ (750.00)	\$ (7,500.00)	\$ (1,000.00)	\$ (10,000.00)

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B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 35		ITEM 36	
	TRANSPORT & STORE SURPLUS 24-INCH OCTAGONAL CONCRETE PILES (CONTINGENCY ITEM)		CUT OFF & DISPOSE OF PILE CUT-OFFS OVER 6' (CONTINGENCY ITEM)	
	Each Approx. Qty. =	10	Each Approx. Qty. =	40
ENGINEERING ESTIMATE	\$ 950.00	\$ 9,500.00	\$ 850.00	\$ 34,000.00
1) REYES CONSTRUCTION	\$ 3,800.00	\$ 38,000.00	\$ 1,900.00	\$ 76,000.00
2) MANSON/CONNOLLY JV	\$ 1,200.00	\$ 12,000.00	\$ 400.00	\$ 16,000.00
3) SHIMMICK/NOVA JV	\$ 1,300.00	\$ 13,000.00	\$ 540.00	\$ 21,600.00
4) VORTEX MARINE	\$ 3,200.00	\$ 32,000.00	\$ 250.00	\$ 10,000.00
5) GRIFFITH COMPANY	\$ 5,200.00	\$ 52,000.00	\$ 1,000.00	\$ 40,000.00
1) AVERAGE BID	\$ 2,940.00	\$ 29,400.00	\$ 818.00	\$ 32,720.00
2) STANDARD DEVIATION	\$ 1,705.29	\$ 17,052.86	\$ 666.80	\$ 26,671.93
3) ENG. EST. - LOW BIDDER	\$ (2,850.00)	\$ (28,500.00)	\$ (1,050.00)	\$ (42,000.00)

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &

BACKLAND DEVELOPMENT

PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 37		ITEM 38	
	BREAK OFF AND DISPOSE OF 24-INCH OCTAGONAL CONCRETE PILES (CONTINGENCY ITEM)		JETTING DURING PILE REMOVALS (CONTINGENCY ITEM)	
	Each Approx. Qty. =	10	Each Approx. Qty. =	60
ENGINEERING ESTIMATE	\$ 1,500.00	\$ 15,000.00	\$ 720.00	\$ 43,200.00
1) REYES CONSTRUCTION	\$ 6,900.00	\$ 69,000.00	\$ 3,000.00	\$ 180,000.00
2) MANSON/CONNOLLY JV	\$ 3,000.00	\$ 30,000.00	\$ 1,350.00	\$ 81,000.00
3) SHIMMICK/NOVA JV	\$ 5,800.00	\$ 58,000.00	\$ 1,500.00	\$ 90,000.00
4) VORTEX MARINE	\$ 6,500.00	\$ 65,000.00	\$ 1,000.00	\$ 60,000.00
5) GRIFFITH COMPANY	\$ 5,000.00	\$ 50,000.00	\$ 720.00	\$ 43,200.00
1) AVERAGE BID	\$ 5,440.00	\$ 54,400.00	\$ 1,514.00	\$ 90,840.00
2) STANDARD DEVIATION	\$ 1,543.70	\$ 15,436.97	\$ 884.58	\$ 53,074.74
3) ENG. EST. - LOW BIDDER	\$ (5,400.00)	\$ (54,000.00)	\$ (2,280.00)	\$ (136,800.00)

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 39		ITEM 40	
	SAMPLING AND TESTING STORMWATER EFFLUENT FOR RAIN EVENT ACTION PLAN (CONTINGENCY ITEM)		ADDITIONAL WHARF DECK REINFORCING DUE TO MISLOCATED PILES (CONTINGENCY ITEM)	
	Rain Days Approx. Qty. = 70		Pounds Approx. Qty. = 50000	
ENGINEERING ESTIMATE	\$ 600.00	\$ 42,000.00	\$ 4.00	\$ 200,000.00
1) REYES CONSTRUCTION	\$ 2,800.00	\$ 196,000.00	\$ 2.25	\$ 112,500.00
2) MANSON/CONNOLLY JV	\$ 1,500.00	\$ 105,000.00	\$ 1.25	\$ 62,500.00
3) SHIMMICK/NOVA JV	\$ 1,800.00	\$ 126,000.00	\$ 1.00	\$ 50,000.00
4) VORTEX MARINE	\$ 1,665.00	\$ 116,550.00	\$ 0.84	\$ 42,000.00
5) GRIFFITH COMPANY	\$ 150.00	\$ 10,500.00	\$ 1.40	\$ 70,000.00
1) AVERAGE BID	\$ 1,583.00	\$ 110,810.00	\$ 1.35	\$ 67,400.00
2) STANDARD DEVIATION	\$ 948.06	\$ 66,364.28	\$ 0.55	\$ 27,444.03
3) ENG. EST. - LOW BIDDER	\$ (2,200.00)	\$ (154,000.00)	\$ 1.75	\$ 87,500.00

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 41		ITEM 42	
	EXCAVATE, REMOVE, & DISPOSE CONTAMINATED/NON-HAZ WASTE SOIL INCL HYDROCARBON IMPACTED SOIL (CONTINGENCY ITEM)		EXCAVATE, REMOVE & DISPOSE RCRA HAZARDOUS WASTE SOIL (CONTINGENCY ITEM)	
	Tons Approx. Qty. =	1000	Tons Approx. Qty. =	1000
ENGINEERING ESTIMATE	\$ 100.00	\$ 100,000.00	\$ 150.00	\$ 150,000.00
1) REYES CONSTRUCTION	\$ 62.00	\$ 62,000.00	\$ 193.00	\$ 193,000.00
2) MANSON/CONNOLLY JV	\$ 60.00	\$ 60,000.00	\$ 200.00	\$ 200,000.00
3) SHIMMICK/NOVA JV	\$ 162.00	\$ 162,000.00	\$ 175.00	\$ 175,000.00
4) VORTEX MARINE	\$ 168.00	\$ 168,000.00	\$ 183.00	\$ 183,000.00
5) GRIFFITH COMPANY	\$ 137.00	\$ 137,000.00	\$ 147.00	\$ 147,000.00
1) AVERAGE BID	\$ 117.80	\$ 117,800.00	\$ 179.60	\$ 179,600.00
2) STANDARD DEVIATION	\$ 53.14	\$ 53,143.20	\$ 20.56	\$ 20,562.10
3) ENG. EST. - LOW BIDDER	\$ 38.00	\$ 38,000.00	\$ (43.00)	\$ (43,000.00)

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 43		ITEM 44	
	EXCAVATE, REMOVE, & DISPOSE NON-RCRA HAZARDOUS WASTE SOIL (CONTINGENCY ITEM)		REMOVE, & DISPOSE CONTAMINATED/NON-HAZARDOUS WASTE LIQUIDS (CONTINGENCY ITEM)	
	Tons Approx. Qty. =	1000	Gallons Approx. Qty. =	5000
ENGINEERING ESTIMATE	\$ 100.00	\$ 100,000.00	\$ 0.75	\$ 3,750.00
1) REYES CONSTRUCTION	\$ 94.00	\$ 94,000.00	\$ 4.00	\$ 20,000.00
2) MANSON/CONNOLY JV	\$ 95.00	\$ 95,000.00	\$ 3.00	\$ 15,000.00
3) SHIMMICK/NOVA JV	\$ 168.00	\$ 168,000.00	\$ 4.00	\$ 20,000.00
4) VORTEX MARINE	\$ 174.00	\$ 174,000.00	\$ 3.60	\$ 18,000.00
5) GRIFFITH COMPANY	\$ 142.00	\$ 142,000.00	\$ 3.25	\$ 16,250.00
1) AVERAGE BID	\$ 134.60	\$ 134,600.00	\$ 3.57	\$ 17,850.00
2) STANDARD DEVIATION	\$ 38.53	\$ 38,533.10	\$ 0.45	\$ 2,233.27
3) ENG. EST. - LOW BIDDER	\$ 6.00	\$ 6,000.00	\$ (3.25)	\$ (16,250.00)

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 45		ITEM 46	
	REMOVE, & DISPOSE RCRA HAZARDOUS WASTE LIQUIDS (CONTINGENCY ITEM)		REMOVE, & DISPOSE NON-RCRA HAZARDOUS WASTE LIQUIDS (CONTINGENCY ITEM)	
	Gallons Approx. Qty. =	5000	Gallons Approx. Qty. =	5000
ENGINEERING ESTIMATE	\$ 1.00	\$ 5,000.00	\$ 1.00	\$ 5,000.00
1) REYES CONSTRUCTION	\$ 4.00	\$ 20,000.00	\$ 3.00	\$ 15,000.00
2) MANSON/CONNOLLY JV	\$ 5.00	\$ 25,000.00	\$ 4.00	\$ 20,000.00
3) SHIMMICK/NOVA JV	\$ 8.50	\$ 42,500.00	\$ 6.50	\$ 32,500.00
4) VORTEX MARINE	\$ 7.75	\$ 38,750.00	\$ 5.80	\$ 29,000.00
5) GRIFFITH COMPANY	\$ 7.00	\$ 35,000.00	\$ 5.25	\$ 26,250.00
1) AVERAGE BID	\$ 6.45	\$ 32,250.00	\$ 4.91	\$ 24,550.00
2) STANDARD DEVIATION	\$ 1.89	\$ 9,453.84	\$ 1.41	\$ 7,032.07
3) ENG. EST. - LOW BIDDER	\$ (3.00)	\$ (15,000.00)	\$ (2.00)	\$ (10,000.00)

SPECIFICATION NO. 2626
B100 WHARF SOUTH EXTENSION &
BACKLAND DEVELOPMENT
PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 47	ITEM 48	ITEM 49
	INSTALL 34.5 kV UNDERGROUND LADWP CONDUIT SYSTEM WITH LADWP PRECAST MANHOLE TYPE H-202, G2, R12 2/CASTING RESTRAINT (CONTINGENCY ITEM) LUMP SUM	MAINTAIN EXISTING FIELD OFFICE (ALLOWANCE ITEM)	EXCAVATE, REMOVE, DISPOSE, & REPLACE GEOTECHNICALLY UNSUITABLE SUBGRADE SOIL (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 375,000.00	\$ 50,000.00	\$ 350,000.00
1) REYES CONSTRUCTION	\$ 200,000.00	\$ 50,000.00	\$ 350,000.00
2) MANSON/CONNOLY JV	\$ 300,000.00	\$ 50,000.00	\$ 350,000.00
3) SHIMMICK/NOVA JV	\$ 240,000.00	\$ 50,000.00	\$ 350,000.00
4) VORTEX MARINE	\$ 270,000.00	\$ 50,000.00	\$ 350,000.00
5) GRIFFITH COMPANY	\$ 190,000.00	\$ 50,000.00	\$ 350,000.00
1) AVERAGE BID	\$ 240,000.00	\$ 50,000.00	\$ 350,000.00
2) STANDARD DEVIATION	\$ 46,368.09	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ 175,000.00	\$ -	\$ -

SPECIFICATION NO. 2626
B100 WHARF SOUTH EXTENSION &
BACKLAND DEVELOPMENT
PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 50 REMOVE & REALIGN INTERFERING UNDERGROUND UTILITIES & MODIFY UTILITIES (ALLOWANCE ITEM)	ITEM 51 PERFORM UNFORSEEN REGULATORY AGENCY REQUIREMENTS (ALLOWANCE ITEM)	ITEM 52 SUBGRADE STABILIZATION (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 500,000.00	\$ 200,000.00	\$ 100,000.00
1) REYES CONSTRUCTION	\$ 500,000.00	\$ 200,000.00	\$ 100,000.00
2) MANSON/CONNOLY JV	\$ 500,000.00	\$ 200,000.00	\$ 100,000.00
3) SHIMMICK/NOVA JV	\$ 500,000.00	\$ 200,000.00	\$ 100,000.00
4) VORTEX MARINE	\$ 500,000.00	\$ 200,000.00	\$ 100,000.00
5) GRIFFITH COMPANY	\$ 500,000.00	\$ 200,000.00	\$ 100,000.00
1) AVERAGE BID	\$ 500,000.00	\$ 200,000.00	\$ 100,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 53 MODIFICATIONS TO FORMWORK DUE TO MISLOCATED PILES (ALLOWANCE ITEM)	ITEM 54 ADDITIONAL DECK CONCRETE DUE TO MISLOCATED PILES (ALLOWANCE ITEM)	ITEM 55 REMOVE AND DISPOSE OF EXCESS MATERIAL (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 200,000.00	\$ 100,000.00	\$ 80,000.00
1) REYES CONSTRUCTION	\$ 200,000.00	\$ 100,000.00	\$ 80,000.00
2) MANSON/CONNOLY JV	\$ 200,000.00	\$ 100,000.00	\$ 80,000.00
3) SHIMMICK/NOVA JV	\$ 200,000.00	\$ 100,000.00	\$ 80,000.00
4) VORTEX MARINE	\$ 200,000.00	\$ 100,000.00	\$ 80,000.00
5) GRIFFITH COMPANY	\$ 200,000.00	\$ 100,000.00	\$ 80,000.00
1) AVERAGE BID	\$ 200,000.00	\$ 100,000.00	\$ 80,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 56	ITEM 57	ITEM 58
	PREMIUM TIME	CHANGES TO MEET TENANT'S NEEDS	PERFORM UNFORESEEN ALTERNATIVE MARITIME POWER (AMP) WORK
	(ALLOWANCE ITEM)	(ALLOWANCE ITEM)	(ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 100,000.00	\$ 350,000.00	\$ 300,000.00
1) REYES CONSTRUCTION	\$ 100,000.00	\$ 350,000.00	\$ 300,000.00
2) MANSON/CONNOLY JV	\$ 100,000.00	\$ 350,000.00	\$ 300,000.00
3) SHIMMICK/NOVA JV	\$ 100,000.00	\$ 350,000.00	\$ 300,000.00
4) VORTEX MARINE	\$ 100,000.00	\$ 350,000.00	\$ 300,000.00
5) GRIFFITH COMPANY	\$ 100,000.00	\$ 350,000.00	\$ 300,000.00
1) AVERAGE BID	\$ 100,000.00	\$ 350,000.00	\$ 300,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

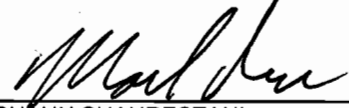
SPECIFICATION NO. 2626

B100 WHARF SOUTH EXTENSION &
 BACKLAND DEVELOPMENT
 PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 59 OVERSIZE LOAD PERMITS ON CITY OF LOS ANGELES STREETS (ALLOWANCE ITEM)	ITEM 60 GUARD SERVICE COMPENSATION (ALLOWANCE ITEM)	ITEM 61 WEB-BASED COLLABORATION (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 200,000.00	\$ 300,000.00	\$ 45,000.00
1) REYES CONSTRUCTION	\$ 200,000.00	\$ 300,000.00	\$ 45,000.00
2) MANSON/CONNOLLY JV	\$ 200,000.00	\$ 300,000.00	\$ 45,000.00
3) SHIMMICK/NOVA JV	\$ 200,000.00	\$ 300,000.00	\$ 45,000.00
4) VORTEX MARINE	\$ 200,000.00	\$ 300,000.00	\$ 45,000.00
5) GRIFFITH COMPANY	\$ 200,000.00	\$ 300,000.00	\$ 45,000.00
1) AVERAGE BID	\$ 200,000.00	\$ 300,000.00	\$ 45,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ -

SPECIFICATION NO. 2626
B100 WHARF SOUTH EXTENSION &
BACKLAND DEVELOPMENT
PROJ. CONST. MNGR.: BRIAN CHUC

	ITEM 62 TEMPORARY FIELD OFFICES (ALLOWANCE ITEM)	ITEM 63 PROVIDE IMPORT FILL (ALLOWANCE)	GRAND TOTAL BID ITEMS 1 - 63
ENGINEERING ESTIMATE	\$ 200,000.00	\$ 1,000,000.00	\$ 36,658,050.00
1) REYES CONSTRUCTION	\$ 200,000.00	\$ 1,000,000.00	\$ 32,113,510.00
2) MANSON/CONNOLLY JV	\$ 200,000.00	\$ 1,000,000.00	\$ 33,872,750.00
3) SHIMMICK/NOVA JV	\$ 200,000.00	\$ 1,000,000.00	\$ 34,037,870.00
4) VORTEX MARINE	\$ 200,000.00	\$ 1,000,000.00	\$ 36,249,400.00
5) GRIFFITH COMPANY	\$ 200,000.00	\$ 1,000,000.00	\$ 42,656,300.00
1) AVERAGE BID	\$ 200,000.00	\$ 1,000,000.00	\$ 35,785,966.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ 4,111,551.67
3) ENG. EST. - LOW BIDDER	\$ -	\$ -	\$ 4,544,540.00


 SHAUN SHAHRESTANI
 CHIEF HARBOR ENGINEER
 CONSTRUCTION DIVISION