

CONSTRUCTION DIVISION

SPECIFICATION NO. 2775

B 91-93 ALTERNATIVE MARITIME POWER
(AMP) UPGRADE AND RETOFIT
PROJ. CONST. MGR.: MAHSA HEMATABADI

ENGINEERING ESTIMATE: \$11,237,000

ADVERTISED DATE: APRIL 4, 2016

BID OPENING DATE: JUNE 14, 2016

	GRAND TOTAL	ITEM 1
	ITEM 1-15	LUMP SUM CONSTRUCTION
		LUMP SUM
ENGINEERING ESTIMATE	\$11,237,500.00	\$3,850,000.00
1) DYNALECTRIC	\$10,703,000.00	\$280,757.00
2) NEUBAUER ELECTRIC, INC.	\$12,373,500.00	\$2,316,000.00
		* \$2,477,507.00
3) CUPERTINO ELECTRIC, INC.	\$12,499,493.00	\$2,477,000.00
4) SHIMMICK CONSTRUCTION	\$13,786,250.00	\$300,000.00

1) AVERAGE BID	\$12,340,560.75	\$1,343,439.25
2) STANDARD DEVIATION	\$ 1,264,643.17	\$ 1,217,770.29
3) ENG. EST. - LOW BIDDER	\$534,500.00	\$3,569,243.00

* AS IN BID

SPECIFICATION NO. 2775

B 91-93 ALTERNATIVE MARITIME POWER
 (AMP) UPGRADE AND RETOFIT
 PROJ. CONST. MGR.: MAHSA HEMATABADI

	ITEM 2	ITEM 3	ITEM 4
	MODIFY SUBSTATION NOS. 2 AND 3	MODIFY SUBSTATION NOS. 5 AND 7	CONSTRUCT NEW AMP VAULTS
	LUMP SUM	LUMP SUM	LUMP SUM
ENGINEERING ESTIMATE	\$ 3,475,000.00	\$ 1,720,000.00	\$1,365,000.00
1) DYNALECTRIC	\$ 5,013,000.00	\$ 1,053,000.00	\$2,042,000.00
2) NEUBAUER ELECTRIC, INC.	\$ 5,700,000.00	\$ 1,400,000.00	\$600,000.00
3) CUPERTINO ELECTRIC, INC.	\$ 5,500,000.00	\$ 1,290,000.00	\$913,000.00
4) SHIMMICK CONSTRUCTION	\$ 9,085,000.00	\$ 600,000.00	\$3,000,000.00
1) AVERAGE BID	\$6,324,500.00	\$1,085,750.00	\$1,638,750.00
2) STANDARD DEVIATION	\$ 1,862,810.87	\$ 354,728.42	\$ 1,098,685.09
3) ENG. EST. - LOW BIDDER	(\$1,538,000.00)	\$667,000.00	(\$677,000.00)

* AS IN BID

SPECIFICATION NO. 2775

B 91-93 ALTERNATIVE MARITIME POWER
 (AMP) UPGRADE AND RETOFIT
 PROJ. CONST. MGR.: MAHSA HEMATABADI

	ITEM 5	ITEM 6
	LUMP SUM CREDIT FOR 2 TRANSFORMERS SALVAGED FROM THE WORK LUMP SUM	ELECTRICAL SYSTEMS & PRODUCTS MANUFACTURER'S FIELD ENGINEERING SERVICES, CERTIFICATION, QUALITY ASSURANCE, WARRANTY VERIFICATION, & TRAINING LUMP SUM
ENGINEERING ESTIMATE	\$ (300,000.00)	\$450,000.00
1) DYNALECTRIC	\$ (9,000.00)	\$1,621,993.00
2) NEUBAUER ELECTRIC, INC.	\$ (10,000.00)	\$1,650,000.00
3) CUPERTINO ELECTRIC, INC.	\$ (20,000.00)	\$1,621,993.00
4) SHIMMICK CONSTRUCTION	\$ -	\$100,000.00

1) AVERAGE BID	-\$9,750.00	\$1,248,496.50
2) STANDARD DEVIATION	\$ 8,180.26	\$ 765,778.15
3) ENG. EST. - LOW BIDDER	(\$291,000.00)	(\$1,171,993.00)

* AS IN BID

SPECIFICATION NO. 2775

B 91-93 ALTERNATIVE MARITIME POWER
 (AMP) UPGRADE AND RETOFIT
 PROJ. CONST. MGR.: MAHSA HEMATABADI

	ITEM 7		ITEM 8	
	TRENCH SUBGRADE STABILIZATION (CONTINGENCY ITEM)		EXCAVATE, REMOVE, & DISPOSE OR RECY UNFORESEEN CA HAZ WASTE SOIL, RCRA HAZ WASTE SOIL, & CHEM IMPACTED/NON-HAZ WASTE SOIL (ALLOWANCE ITEM)	
	Cu. Yds. Approx. Qty. =	250		
ENGINEERING ESTIMATE	\$90.00	\$ 22,500.00	\$	50,000.00
1) DYNALECTRIC	\$185.00	\$ 46,250.00	\$	50,000.00
2) NEUBAUER ELECTRIC, INC.	\$250.00	\$ 62,500.00	\$	50,000.00
3) CUPERTINO ELECTRIC, INC.	\$250.00	\$ 62,500.00	\$	50,000.00
4) SHIMMICK CONSTRUCTION	\$185.00	\$ 46,250.00	\$	50,000.00
1) AVERAGE BID	\$217.50	\$54,375.00		\$50,000.00
2) STANDARD DEVIATION	\$ 37.53	\$ 9,381.94	\$	-
3) ENG. EST. - LOW BIDDER	(\$95.00)	(\$23,750.00)		\$0.00

* AS IN BID

SPECIFICATION NO. 2775

B 91-93 ALTERNATIVE MARITIME POWER
 (AMP) UPGRADE AND RETOFIT
 PROJ. CONST. MGR.: MAHSA HEMATABADI

	ITEM 9 UNFORESSEEN UTILITY & SUBSTRUCTURE MODIFICATIONS, ADDITIONS & REMOVALS (ALLOWANCE ITEM)	ITEM 10 PERFORM UNFORESEEN REGULATORY REQUIREMENTS (ALLOWANCE ITEM)	ITEM 11 UNFORESEEN AMP MODIFICATIONS (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 150,000.00	\$ 100,000.00	\$ 250,000.00
1) DYNALECTRIC	\$ 150,000.00	\$ 100,000.00	\$ 250,000.00
2) NEUBAUER ELECTRIC, INC.	\$ 150,000.00	\$ 100,000.00	\$ 250,000.00
3) CUPERTINO ELECTRIC, INC.	\$ 150,000.00	\$ 100,000.00	\$ 250,000.00
4) SHIMMICK CONSTRUCTION	\$ 150,000.00	\$ 100,000.00	\$ 250,000.00
1) AVERAGE BID	\$ 150,000.00	\$ 100,000.00	\$ 250,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$0.00	\$0.00	\$0.00

* AS IN BID

SPECIFICATION NO. 2775

B 91-93 ALTERNATIVE MARITIME POWER
 (AMP) UPGRADE AND RETOFIT
 PROJ. CONST. MGR.: MAHSA HEMATABADI

	ITEM 12 WEB-BASED COLLABORATION (ALLOWANCE ITEM)	ITEM 13 PARTNERING FACILITATOR (ALLOWANCE ITEM)	ITEM 14 TENANT REQUESTED CHANGES (ALLOWANCE ITEM)
ENGINEERING ESTIMATE	\$ 25,000.00	\$ 20,000.00	\$ 40,000.00
1) DYNALECTRIC	\$ 25,000.00	\$ 20,000.00	\$ 40,000.00
2) NEUBAUER ELECTRIC, INC.	\$ 25,000.00	\$ 20,000.00	\$ 40,000.00
3) CUPERTINO ELECTRIC, INC.	\$ 25,000.00	\$ 20,000.00	\$ 40,000.00
4) SHIMMICK CONSTRUCTION	\$ 25,000.00	\$ 20,000.00	\$ 40,000.00
1) AVERAGE BID	\$ 25,000.00	\$ 20,000.00	\$ 40,000.00
2) STANDARD DEVIATION	\$ -	\$ -	\$ -
3) ENG. EST. - LOW BIDDER	\$0.00	\$0.00	\$0.00

* AS IN BID

SPECIFICATION NO. 2775

B 91-93 ALTERNATIVE MARITIME POWER
 (AMP) UPGRADE AND RETOFIT
 PROJ. CONST. MGR.: MAHSA HEMATABADI

	ITEM 15 UNFORESEEN DESIGN MODIFICATIONS (ALLOWANCE ITEM)	GRAND TOTAL BID ITEMS 1 - 15	LOCAL BUSINESS PREFERENCE
ENGINEERING ESTIMATE	\$ 20,000.00	\$11,237,500.00	\$ -
1) DYNALECTRIC	\$ 20,000.00	\$10,703,000.00	\$ 856,240.00
2) NEUBAUER ELECTRIC, INC.	\$ 20,000.00	\$12,373,500.00	\$ 989,880.00
3) CUPERTINO ELECTRIC, INC.	\$ 20,000.00	\$12,499,493.00	\$ 1,000,000.00
4) SHIMMICK CONSTRUCTION	\$ 20,000.00	\$13,786,250.00	\$ 1,000,000.00
1) AVERAGE BID	\$ 20,000.00	\$ 12,340,560.75	\$ 961,530.00
2) STANDARD DEVIATION	\$ -	\$ 1,264,643.17	\$ 70,355.26
3) ENG. EST. - LOW BIDDER	\$0.00	\$534,500.00	(\$856,240.00)

* AS IN BID

SPECIFICATION NO. 2775

B 91-93 ALTERNATIVE MARITIME POWER
 (AMP) UPGRADE AND RETOFIT
 PROJ. CONST. MGR.: MAHSA HEMATABADI

	REDUCED BID AMOUNT GRAND TOTAL SUM LESS LOCAL BUSINESS PREFERENCE
ENGINEERING ESTIMATE	\$11,237,500.00
1) DYNALECTRIC	\$9,846,760.00
2) NEUBAUER ELECTRIC, INC.	\$11,383,620.00
3) CUPERTINO ELECTRIC, INC.	\$11,499,493.00
4) SHIMMICK CONSTRUCTION	\$12,786,250.00

1) AVERAGE BID	\$	11,379,030.75
2) STANDARD DEVIATION	\$	1,203,141.98
3) ENG. EST. - LOW BIDDER		\$1,390,740.00

* AS IN BID



SHAUN SHARESTANI
 Chief Harbor Engineer
 Construction Division