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TABULATION OF BIDS

PROJECT: Traffic Operational Improvements at Various Locations Pilihi Highway at Kanani Road, Kahului Beach Road at Small Boad Harbor				SITE ENGINEERING, INC.		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.: HWY-M-05-04 Net Length of Project: 0.28 & 0.08 Miles, Respectively							
ISLAND: Maui DISTRICT: Wailuku and Makawao							
DATE ADVERTISED: Internet Posting - June 10, 2004 BIDS OPENED: June 30, 2004							
COMPLETION TIME: Seventy (70) Working Days							
ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
202.0410A	REMOVAL OF EXISTING TRAFFIC SIGNS	L.S.	L.S.	L.S.	\$ 429.00	L.S.	\$ 700.00
202.0410B	REMOVAL OF EXISTING TRAFFIC SIGNS	L.S.	L.S.	L.S.	\$ 429.00	L.S.	\$ 300.00
202.0430B	REMOVAL OF EXISTING A.C. PAVEMENT	L.S.	L.S.	L.S.	\$ 39,942.00	L.S.	\$ 9,650.00
203.0100B	ROADWAY EXCAVATION	610	CU.YD.	\$ 297.00	\$ 181,170.00	\$ 50.00	\$ 30,500.00
206.2020	STRUCTURE EXCAVATION FOR DRAINAGE SYSTEM	15	CU.YD.	\$ 451.00	\$ 6,765.00	\$ 50.00	\$ 750.00
209.0100	WATER POLLUTION AND EROSION CONTROL	F.A.	F.A.	F.A.	\$ 10,000.00	F.A.	\$ 10,000.00
211.0100	ARCHAEOLOGICAL MITIGATION	F.A.	F.A.	F.A.	\$ 15,000.00	F.A.	\$ 15,000.00
312.0100B	PLANT MIX GLASSPHALT CONCRETE BASE COURSE	697	TON	\$ 97.00	\$ 67,609.00	\$ 95.00	\$ 66,215.00
401.0400B	ASPHALT CONCRETE PAVEMENT, MIX NO. IV	523	TON	\$ 105.00	\$ 54,915.00	\$ 95.00	\$ 49,685.00
603.0100B	18-INCH REINFORCED CONCRETE PIPE, CLASS IV	12	L.F.	\$ 369.00	\$ 4,428.00	\$ 110.00	\$ 1,320.00
604.0100B	REPLACE EXISTING DRAINAGE INLET GRATE AND FRAME WITH TYPE "P" DRAIN MANHOLE FRAME AND COVER	7	EACH	\$ 12,039.00	\$ 84,273.00	\$ 6,000.00	\$ 42,000.00
604.0200B	TYPE 2012014P GRATED DROP INLET, 2 FEET TO 4 FEET	2	EACH	\$ 9,337.00	\$ 18,674.00	\$ 4,000.00	\$ 8,000.00
621.5000A	REGULATORY AND WARNING SIGN, 10 SQUARE FEET OR LESS	3	EACH	\$ 234.00	\$ 702.00	\$ 350.00	\$ 1,050.00
621.5110A	REGULATORY AND WARNING SIGN, 10 SQUARE FEET OR LESS, WITH POST	1	EACH	\$ 493.00	\$ 493.00	\$ 350.00	\$ 350.00
621.5110B	REGULATORY AND WARNING SIGN, 10 SQUARE FEET OR LESS, WITH POST	1	EACH	\$ 493.00	\$ 493.00	\$ 350.00	\$ 350.00
621.5120A	REGULATORY SIGN, 10 SQUARE FEET OR LESS (INSTALLED ON TRAFFIC SIGNAL STANDARD)	2	EACH	\$ 794.00	\$ 1,588.00	\$ 300.00	\$ 600.00
621.5130A	REGULATORY SIGN, 10 SQUARE FEET OR LESS (INSTALLED ON TRAFFIC SIGNAL MAST ARM)	2	EACH	\$ 1,478.00	\$ 2,956.00	\$ 300.00	\$ 600.00
621.5600A	STREET NAME SIGN ON TRAFFIC SIGNAL MAST ARM	4	EACH	\$ 1,601.00	\$ 6,404.00	\$ 1,300.00	\$ 5,200.00
622.0071A	HIGHWAY LIGHTING LUMINAIRE MOUNTED ON TYPE III TRAFFIC SIGNAL STANDARD	2	EACH	\$ 1,294.00	\$ 2,588.00	\$ 400.00	\$ 800.00
622.5032A	HIGHWAY LIGHTING DUCTLINE, ONE 2-INCH CONDUIT ENCASED IN CONCRETE JACKET WITH TRAFFIC SIGNAL CONDUIT	L.S.	L.S.	L.S.	\$ 6,702.00	L.S.	\$ 6,000.00
622.5091A	2'X4' PULLBOX	3	EACH	\$ 1,160.00	\$ 3,480.00	\$ 1,500.00	\$ 4,500.00
622.6201A	HIGHWAY LIGHTING SERVICE, INCLUDING MAUI ELECTRIC COMPANY SERVICE INSTALLATION CHARGE	L.S.	L.S.	L.S.	\$ 12,314.00	L.S.	\$ 4,000.00
623.2001A	CONTROLLER ASSEMBLY (MODEL 170 TRAFFIC SIGNAL MASTER AND LOCAL CONTROLLERS, MODEL 332 CABINET AND AUXILIARY EQUIPMENT)	1	EACH	\$ 23,270.00	\$ 23,270.00	\$ 24,000.00	\$ 24,000.00
623.2012A	TYPE I (10') TRAFFIC SIGNAL STANDARD	4	EACH	\$ 809.00	\$ 3,236.00	\$ 700.00	\$ 2,800.00

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ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.2021A	TYPE III TRAFFIC SIGNAL STANDARD WITH 35-FOOT MAST ARM	1	EACH	\$ 13,613.00	\$ 13,613.00	\$ 8,500.00	\$ 8,500.00
623.2022A	TYPE III TRAFFIC SIGNAL STANDARD WITH 45-FOOT MAST ARM	1	EACH	\$ 14,306.00	\$ 14,306.00	\$ 9,500.00	\$ 9,500.00
623.2031A	FOUNDATION FOR TYPE I TRAFFIC SIGNAL STANDARD	4	EACH	\$ 1,517.00	\$ 6,068.00	\$ 1,000.00	\$ 4,000.00
623.2042A	FOUNDATION FOR TYPE III TRAFFIC SIGNAL STANDARD	2	EACH	\$ 6,917.00	\$ 13,834.00	\$ 8,500.00	\$ 17,000.00
623.2051A	FOUNDATION FOR TRAFFIC SIGNAL CONTROLLER CABINET	1	EACH	\$ 1,499.00	\$ 1,499.00	\$ 1,500.00	\$ 1,500.00
623.3001A	TRAFFIC SIGNAL ASSEMBLY (ONE WAY, 12-INCH, ONE THREE-SECTION VERTICAL WITH SLIPFITTER MOUNTING)	2	EACH	\$ 1,292.00	\$ 2,584.00	\$ 1,400.00	\$ 2,800.00
623.3002A	TRAFFIC SIGNAL ASSEMBLY (TWO WAY, 12-INCH, TWO THREE-SECTION VERTICAL WITH SLIPFITTER MOUNTING)	2	EACH	\$ 2,491.00	\$ 4,982.00	\$ 2,800.00	\$ 5,600.00
623.3031A	TRAFFIC SIGNAL ASSEMBLY (ONE WAY, 12-INCH, ONE THREE-SECTION VERTICAL WITH BRACKET MOUNTING)	1	EACH	\$ 1,250.00	\$ 1,250.00	\$ 1,300.00	\$ 1,300.00
623.3032A	TRAFFIC SIGNAL ASSEMBLY (TWO WAY, 12-INCH, TWO THREE-SECTION VERTICAL WITH BRACKET MOUNTING)	1	EACH	\$ 2,497.00	\$ 2,497.00	\$ 2,600.00	\$ 2,600.00
623.3061A	TRAFFIC SIGNAL ASSEMBLY (ONE WAY, 12-INCH, ONE THREE-SECTION VERTICAL WITH MAST ARM MOUNTING)	4	EACH	\$ 1,277.00	\$ 5,108.00	\$ 1,300.00	\$ 5,200.00
623.3063A	TRAFFIC SIGNAL ASSEMBLY (ONE WAY, 12-INCH, ONE THREE-SECTION PROGRAMMED VISIBILITY VERTICAL WITH MAST ARM MOUNTING)	2	EACH	\$ 3,152.00	\$ 6,304.00	\$ 2,500.00	\$ 5,000.00
623.4101A	OPTICOM DETECTOR (TOP OF SIGNAL MOUNTING)	2	EACH	\$ 905.00	\$ 1,810.00	\$ 1,200.00	\$ 2,400.00
623.4102A	OPTICOM DETECTOR (MAST ARM MOUNTING)	2	EACH	\$ 933.00	\$ 1,866.00	\$ 1,150.00	\$ 2,300.00
623.5121A	TRAFFIC SIGNAL DUCTLINE, ONE 2-INCH CONDUIT ENCASED IN CONCRETE JACKET	L.S.	L.S.	L.S.	\$ 33,746.00	L.S.	\$ 30,000.00
623.5122A	TRAFFIC SIGNAL DUCTLINE, TWO 2-INCH CONDUIT ENCASED IN CONCRETE JACKET	L.S.	L.S.	L.S.	\$ 10,406.00	L.S.	\$ 18,700.00
623.5123A	TRAFFIC SIGNAL DUCTLINE, FOUR 2-INCH CONDUIT ENCASED IN CONCRETE JACKET	L.S.	L.S.	L.S.	\$ 47,598.00	L.S.	\$ 14,600.00
623.5125A	TRAFFIC SIGNAL DUCTLINE, ONE 2-INCH CONDUIT ENCASED IN CONCRETE JACKET WITH HIGHWAY LIGHTING CONDUIT	L.S.	L.S.	L.S.	\$ 1,271.00	L.S.	\$ 5,100.00
623.5126A	TRAFFIC SIGNAL DUCTLINE, FOUR 2-INCH CONDUIT ENCASED IN CONCRETE JACKET WITH HIGHWAY LIGHTING CONDUIT	L.S.	L.S.	L.S.	\$ 55,921.00	L.S.	\$ 11,800.00
623.6001A	TYPE A (METRIC) PULLBOX	7	EACH	\$ 1,278.00	\$ 8,946.00	\$ 1,000.00	\$ 7,000.00
623.6011A	TYPE B (METRIC) PULLBOX	2	EACH	\$ 1,489.00	\$ 2,978.00	\$ 1,500.00	\$ 3,000.00
623.6021A	TYPE C (METRIC) PULLBOX	4	EACH	\$ 1,774.00	\$ 7,096.00	\$ 2,500.00	\$ 10,000.00
623.7001A	NO. 14, 26-CONDUCTOR TRAFFIC CONTROL CABLE	L.S.	L.S.	L.S.	\$ 5,579.00	L.S.	\$ 3,600.00

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ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.7002A	NO. 14, 2-CONDUCTOR LOOP DETECTOR LEAD-IN AND PEDESTRIAN PUSHBUTTON CABLE	L.S.	L.S.	L.S.	\$ 3,427.00	L.S.	\$ 4,400.00
623.7003A	NO. 20, 4-CONDUCTOR PREEMPTION DETECTOR CABLE	L.S.	L.S.	L.S.	\$ 369.00	L.S.	\$ 1,500.00
623.7004A	NO. 22, 3-PAIR TELEPHONE CABLE	L.S.	L.S.	L.S.	\$ 851.00	L.S.	\$ 1,500.00
623.9011A	LOOP DETECTOR SENSING UNIT (6 FT. X 6 FT.) ONE LOOP	4	EACH	\$ 750.00	\$ 3,000.00	\$ 700.00	\$ 2,800.00
623.9012A	LOOP DETECTOR SENSING UNIT (6 FT. X 6 FT.) TWO LOOPS	4	EACH	\$ 1,502.00	\$ 6,008.00	\$ 1,400.00	\$ 5,600.00
623.9014A	LOOP DETECTOR SENSING UNIT (6 FT. X 6 FT.) FOUR LOOPS	2	EACH	\$ 3,005.00	\$ 6,010.00	\$ 2,800.00	\$ 5,600.00
623.9016A	LOOP DETECTOR SENSING UNIT (6 FT. X 6 FT.) SIX LOOPS	2	EACH	\$ 4,484.00	\$ 8,968.00	\$ 4,200.00	\$ 8,400.00
623.9101A	TRAFFIC SIGNAL SERVICE EQUIPMENT, INCLUDING MAUI ELECTRIC COMPANY SERVICE INSTALLATION CHARGE	L.S.	L.S.	L.S.	\$ 5,146.00	L.S.	\$ 3,500.00
629.1011B	4-INCH PAVEMENT STRIPING (TAPE - TYPE I OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 1,330.00	L.S.	\$ 360.00
629.1012A	4-INCH PAVEMENT STRIPING (TAPE - TYPE II OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 554.00	L.S.	\$ 300.00
629.1013A	4-INCH PAVEMENT STRIPING (TAPE - TYPE III OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 2,124.00	L.S.	\$ 1,200.00
629.1013B	4-INCH PAVEMENT STRIPING (TAPE - TYPE III OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 591.00	L.S.	\$ 980.00
629.1014A	8-INCH PAVEMENT STRIPING (TAPE - TYPE III OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 628.00	L.S.	\$ 150.00
629.1015B	8-INCH PAVEMENT STRIPING (TAPE - TYPE II OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 1,182.00	L.S.	\$ 440.00
629.1016A	12-INCH PAVEMENT STRIPING (TAPE - TYPE III OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 1,995.00	L.S.	\$ 560.00
629.1016B	12-INCH PAVEMENT STRIPING (TAPE - TYPE III OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 2,992.00	L.S.	\$ 48.00
629.1017A	DOUBLE 4-INCH PAVEMENT STRIPING (TAPE - TYPE II OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 185.00	L.S.	\$ 40.00
629.1017B	DOUBLE 4-INCH PAVEMENT STRIPING (TAPE - TYPE II OR THERMOPLASTIC EXTRUSION)	L.S.	L.S.	L.S.	\$ 10,639.00	L.S.	\$ 3,760.00
629.1030A	PAVEMENT ARROW (TAPE - TYPE III OR THERMOPLASTIC EXTRUSION)	2	EACH	\$ 246.00	\$ 492.00	\$ 80.00	\$ 160.00
629.1030B	PAVEMENT ARROW (TAPE - TYPE III OR THERMOPLASTIC EXTRUSION)	10	EACH	\$ 246.00	\$ 2,460.00	\$ 80.00	\$ 800.00
629.1040B	PAVEMENT WORD (TAPE - TYPE III OR THERMOPLASTIC EXTRUSION)	2	EACH	\$ 526.00	\$ 1,052.00	\$ 120.00	\$ 240.00
629.1050B	TYPE A PAVEMENT MARKER	L.S.	L.S.	L.S.	\$ 266.00	L.S.	\$ 128.00
629.2030A	TYPE C PAVEMENT MARKER	L.S.	L.S.	L.S.	\$ 288.00	L.S.	\$ 120.00
629.2030B	TYPE C PAVEMENT MARKER	L.S.	L.S.	L.S.	\$ 244.00	L.S.	\$ 180.00
629.2040A	TYPE D PAVEMENT MARKER	L.S.	L.S.	L.S.	\$ 55.00	L.S.	\$ 12.00
629.2040B	TYPE D PAVEMENT MARKER	L.S.	L.S.	L.S.	\$ 22.00	L.S.	\$ 54.00

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ITEM NO.	ITEM	QUANTITY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.2070B	TYPE H PAVEMENT MARKER	L.S.	L.S.	L.S.	\$ 798.00	L.S.	\$ 600.00
645.0100	ADDITIONAL POLICE OFFICERS AND/OR ADDITIONAL TRAFFIC CONTROL DEVICES	F.A.	F.A.	F.A.	\$ 70,000.00	F.A.	\$ 70,000.00
699.1000	MOBILIZATION (NOT TO EXCEED 10 PERCENT OF THE SUM OF ALL ITEMS, EXCLUDING THE BID PRICE OF THIS ITEM AND FORCE ACCOUNT ITEMS)	L.S.	L.S.	L.S.	\$ 53,398.00	L.S.	\$ 46,986.00
	SUM OF ALL ITEMS				\$982,196.00		\$616,288.00
	PREFERENCES: (FOR EVALUATION OF BIDS)						
	A. HAWAII PRODUCTS				\$425.10		\$0.00
	B. IN-STATE CONTRACTOR				\$0.00		\$0.00
	AMOUNT FOR COMPARISON OF BIDS				\$981,770.90		\$616,288.00
	Project Manager: Steven Yoshida Date: July 12, 2004						