PROJECT: HONOAPIILANI HIGHWAY INTERSECTION IMPROVEMENTS AT LOWER HONOAPIILANI ROAD STATE OF HAWAII PROJECT NO: 30A-03-94 DEPARTMENT OF TRANSPORTATION ISLAND: MAUI DISTRICT: LAHAINA SITE ENGINEERING INC. DATE ADVERTISED: HONOLULU ADVERTISER - MAY 24 & 28, 1996 **HIGHWAYS DIVISION** MAUI NEWS - MAY 28, 1996 BIDS OPENED: JUNE 20, 1996 COMPLETION TIME: FORTY-FIVE (45) WORKING DAYS UNIT APPROX. UNIT **AMOUNT** PRICE **AMOUNT** YTITAAUQ PRICE ITEM NO. ITEM UNIT \$750.00 609.6000 BITUMINOUS CURB. TYPE 6 75 LF \$21.75 \$1,631.25 \$10.00 \$1,000.00 614.0100 STANDARD STREET SURVEY MONUMENTS \$1,262.10 \$1,000.00 1 EΑ \$1,262.10 621.5000 REGULATORY AND WARNING SIGN (10 SQ. FT. OR LESS) \$482.40 \$2,412.00 \$100.00 \$500.00 5 EΑ 621.5100 \$2,021.00 \$300.00 \$1,200.00 REGULATORY AND WARNING SIGN (10 SQ. FT, OR LESS). EΑ \$505.25 4 WITH POST 621.7100 CONSTRUCTION SIGN WITH POSTS \$17,385.00 \$550.00 \$8,250.00 15 \$1,159.00 EΑ 623.2002 \$14,612.00 \$17,500.00 \$17,500.00 CONTROLLER ASSEMBLY (MODEL 170 TRAFFIC SIGNAL EΑ \$14,612.00 CONTROLLER UNIT, MODEL 332 CABINET, GROUND MOUNTED WITH CONCRETE BASE AND AUXILIARY EQUIPMENT) \$800,00 623.2010 TYPE I SIGNAL STANDARD EΑ \$477.00 \$477.00 \$800.00 1 623.2011 \$1,437.00 \$700.00 \$2,100.00 TYPE I SIGNAL STANDARD (8 FOOT) 3 EΑ \$479.00 \$3,500.00 \$14,000.00 623.2022 \$9,267.00 CLASS 3 WOOD POLE WITH TERMITE AND ROT EΑ \$2,316.75 TREATMENT, GUY ANCHOR AND ALL APPURTENANCES \$1,250.00 L.S. 623.2023 3/8" DIA. GALV. STEEL MESSENGER CABLE AND ALL L.S. **\$**3,419.00 L.S. L.S. APPURTENANCES (450 LF) L.S. \$1,250.00 623,2024 \$3,419.00 3/16" TETHER CABLE AND ALL APPURTENANCES L.S. L.S. L.S. (450 LF) \$3,000.00 \$750.00 623.2030 FOUNDATION FOR TYPE I SIGNAL \$723.00 \$2,892.00 4 EΑ \$2,000.00 \$2,000.00 623.2051 \$860.00 FOUNDATION FOR CONTROLLER CABINET EΑ \$860.00 \$2,500.00 \$2,500.00 623.3**030** TRAFFIC SIGNAL ASSEMBLY (ONE-WAY, 12-INCH, 1-4 \$2,180.00 \$2,180.00 EΑ 1 SECTION VERTICAL PRGRAMMABLE VISIBILITY WITH SLIPFITTER MOUNTING \$750.00 \$1,500.00 623.3040 TRAFFIC SIGNAL ASSEMBLY (TWO-WAY, 12-INCH, 2-3) 2 EΑ \$1,179.00 \$2,358.00 SECTION VERTICAL WITH BRACKET MOUNTING)

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ITEM NO.	ПЕМ	APPROX.	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.3041	TRAFFIC SIGNAL ASSEMBLY (TWO-WAY, 12-INCH, 1-3 SECTION VERTICAL AND 1-4 SECTION VERTICAL WITH DUAL INDICATION UNIT (FIBEROPTIC) WITH BRACKET	-	EΑ	\$1,850.00	\$1,850.00	\$1,500.00	\$1,500.00
623.3042	TRAFFIC SIGNAL ASSEMBLY (TWO-WAY, 12-INCH, 1-4 SECTION VERTICAL PROGRAMMABLE VISIBILITY AND 1-4 SECTION VERTICAL WITH DUAL INDICATION (FIBEROPTIC) WITH BRACKET MOUNTING	1	EA	\$3,403.00	\$3,403.00	\$3,500.00	\$3,500.00
623.3060	TRAFFIC SIGNAL ASSEMBLY (ONE-WAY, 12-INCH, 1-3 SECTION VERTICAL WITH SPAN WIRE MOUNTING)	5	EA	\$598.00	\$2,990.00	\$500.00	\$2,500.00
623.3061	TRAFFIC SIGNAL ASSEMBLY (ONE-WAY, 12-INCH, 1-4 SECTION VERTICAL WITH DUAL INDICATION UNIT (FIBEROPTIC) WITH SPAN WIRING MOUNTING)	2	EA	\$1,086.00	\$2,172.00	\$1,000.00	\$2,000.00
623.4020	PEDESTRIAN SIGNAL ASSEMBLY (ONE-WAY, WITH BRACKET MOUNTING)	1	ĒΑ	\$685.00	\$685.00	\$600.00	\$600.00
623.4030	PEDESTRIAN SIGNAL ASSEMBLY (TOP OF POLE, TWO-WAY MOUNTING)	3	EA	\$1,083.00	\$3,249.00	\$800,00	\$2,400.00
	PEDESTRIAN SIGNAL ASSEMBLY (THREE ONE-WAY CANTILEVER MOUNTING)	1	EA	\$1,971.00	\$1,971.00	\$1,000.00	\$1,000.00
623,4041	PEDESTRIAN PUSH BUTTON AND SIGN MOUNTED ON SIGNAL STANDARD	9	EA	\$162.00	\$1,458.00	\$250.00	\$2,250.00
623.5001	ONE 2-INCH CONDUIT SCHEDULE 80 (680 LIN.FT.)	L.S.	L.S.	L.S.	\$20,699.00	L.S.	\$17,000.00
623.5011	TWO 2-INCH CONDUIT SCHEDULE 80 (40 LIN. FT.)	L.S.	L.S.	L.S.	\$2,783.00	L.S.	\$1,400.00
623.5021	FIVE 2-INCH CONDUITS SCHEDULE 80 (15 LIN. FT.)	L.S.	L.S.	L.S.	\$2,152.00	L.S.	\$1,000.00
623.6000	TYPE A PULLBOX	. 1	EA	\$ 759.00	\$ 759. 00	\$600.00	\$600.00
623.6010	TYPE B PULLBOX	12	EΑ	\$659.00	\$7,908.00	\$500.00	\$6,000.00
623.7030	NO. 6, 3-CONDUCTOR POWER CABLE (25 LIN. FT.)	L.S.	L.S.	L.S.	\$462.00	L.S.	\$ 375.00

PROJECT N ISLAND: N DATE ADVE	: HONOAPIILANI HIGHWAY INTERSECTION IMPROVEMENTS AT LOWER HONOAPIILAN IO: 30A-03-94 MAUI DISTRICT: LAHAINA ERTISED: HONOLULU ADVERTISER - MAY 24 & 28, 1996 MAUI NEWS - MAY 28, 1996 ED: JUNE 20, 1996 ON TIME: FORTY-FIVE (45) WORKING DAYS	NI ROAD		SITE ENGINEERING INC.		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ITEM NO.	ITEM	APPROX.	UNIT	UNIT PRICE	AMOUNT	UNIT	AMOUNT
623.7040	NO. 14, 26-CONDUCTOR TRAFFIC CONTROL CABLE (520 LIN. FT.)	L.S.	L.S.	L.S.	\$2,826.00	L.S.	\$6,000.00
623.7042	NO.14, 2-CONDUCTOR LOOP DETECTOR LEAD-IN AND PEDESTRIAN PUSH BUTTON CABLE (3200 LIN. FT.)	L.S.	L.S.	L.S.	\$3,478.00	L.S.	\$3,200.00
623.7051	LOOP DETECTOR SENSING UNIT (6'X6') ONE LOOP	6	EA	\$323.00	\$1,938.00	\$323.00	\$3,000.00
623.7054	LOOP DETECTOR SENSING UNIT (6'X6') FOUR LOOPS	4	EA	\$1,295.00	\$5,180.00	\$1,295.00	\$6,000.00
623.7056	LOOP DETECTOR SENSING UNIT (6'X6') FOUR LOOPS	1	EA	\$1,942.00	\$1,942.00	\$1,942.00	\$2,000.00
623.9001	METER SOCKET WITH PEDESTAL AND BREAKER (50 AMPS) AND FOUNDATION	1	EA	\$3,127.00	\$3,127.00	-\$3,127.00	\$1,000.00
623.9003	UNDERGROUND ELECTRIC SERVICE (40 LF)	L.S.	L.S.	L.S.	\$3,923.00	L.S.	\$1,100.00
629.1011	4-INCH PAVEMENT STRIPING (THERMOPLASTIC EXTRUSION) 1090 LIN. FT.)	L.S.	L.S.	L.S.	\$1,718.00	L.S.	\$1,635.00
629.1012	DOUBLE 4-INCH PAVEMENT STRIPING (THERMOPLASTIC EXTRUSION) (990 LIN. FT.)	L.S.	L.S.	L.S.	\$2,242.00	L.S.	\$2,475.00
629.1013	8-INCH PAVEMENT STRIPING (THERMOPLASTIC EXTRUSION) (440 LIN. FT.)	L.S.	L.S.	L.S.	\$885.00	L.S.	\$1,100.00
629.1014	12-INCH PAVEMENT STRIPING (THERMOPLASTIC EXTRUSION) (320 LIN. FT.)	L.S.	L.S,	L.S.	\$1,093.00	L.S.	\$1,120.00
629.1021	CROSSWALK MARKING (THERMOPLASTIC EXTRUSION)	13	LANE	\$304.65	\$3,960.45	\$304.65	\$2,600.00
629.1022	CURB, TYPE 6 MARKINGS (PAINT) (75 LIN. FT.)	L.S.	L.S.	\$325.00	\$325.00	\$325.00	\$1,125.00
629.1031	PAVEMENT ARROWS (THERMOPLASTIC EXTRUSION)	4	EA	\$215.80	\$863.20	\$215.80	\$1,000.00
629.1041	PAVEMENT WORDS (THERMOPLASTIC EXTRUSIONS)	3	EA	\$404.00	\$1,212.00	\$404.00	\$1,050.00
629.2010	TYPE "A" PAVEMENT MARKERS (24 EACH)	L.S.	L.S.	L.S.	\$223.00	L.S.	\$200.00
629.2030	TYPE "C" PAVEMENT MARKERS (950 EACH)	L.S.	L.S.	L.S.	\$428.00	L.S	\$600.00

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ITEM NO.	ITEM	APPROX.	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.2040	TYPE "D" PAVEMENT MARKERS (20 EACH)	L.S.	L.S.	L.S.	\$ 166.00	L.S.	\$240.00
629.2070	TYPE "H" PAVEMENT MARKERS (30 EACH)	L.S.	L.S.	L.S.	\$197.00	L.S.	\$360.00
645.0200	ADDITIONAL POLICE OFFICERS AND/OR ADDITIONAL TRAFFIC CONTROL DEVICES	F.A.	F.A.	F.A.	\$10,000.00	F.A.	\$10,000.00
	MOBILIZATION (NOT TO EXCEED 10% OF THE SUM OF ALL ITEMS, EXCLUDING THE BID PRICE OF THIS ITEM, AND FORCE ACCOUNT ITEM).	L.S.	L.S.	L.S.	\$0.00	L.S.	\$10,000.00
	SUM OF ALL ITEMS				\$163,900.00		\$155,530.00
	REFERENCES (FOR EVALUATION OF BIDS)						
	A. HAWAII PRODUCTS B. IN-STATE CONTRACTORS				\$0.00 \$0.00		\$0.00 \$0.00
	AMOUNT FOR COMPARISON OF BIDS				\$163,900.00		\$155,530.00
			1.74				
ris.	PROJECT MANAGER: Karl Kunishge DATE: JUNE 23, 1996						