

TABULATION OF BIDS

PROJECT: KANEHOE BAY DRIVE INTERSECTION IMPROVEMENT AT MIHA STREET AND KANEHOE BAY DRIVE INTERSECTION IMPROVEMENT AT MOAKAKA PLACE PROJECT No.: 65A-02-90 & 65A-03-90 ISLAND: OAHU TYPE CODE: DATE ADVERTISED: Honolulu Advertiser: May 6, 8, and 11, 1992 BIDS OPENED: May 28, 1992 COMPLETION TIME: SEVENTY (70) WORKING DAYS				SITE ENGINEERING, INC.		IDEAL CONSTRUCTION, INC.		HI-WAY TRANSPORTATION & CONTRACTING CO. LTD.		HAITSUKA BROTHERS LIMITED		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ITEM No.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	<u>PROJECT NO. 65A-02-90</u>												
203.0100	ROADWAY EXCAVATION	300	CU YD	122.69	36,807.00	\$100.00	\$30,000.00	\$165.00	\$ 49,500.00	\$ 160.00	\$48,000.00	\$ 75.00	\$22,500.00
203.0210	IMPORTED BORROW	130	CU YD	43.43	5,645.90	100.00	13,000.00	90.00	11,700.00	150.00	19,500.00	85.00	11,050.00
301.0100	PLANT MIX ASPHALT CONCRETE BASE COURSE	620	TON	85.60	53,072.00	87.00	53,940.00	86.20	53,444.00	90.00	55,800.00	80.00	49,600.00
302.0100	RECYCLED PLANT MIX ASPHALT CONCRETE BASE COURSE	620	TON	83.45	51,739.00	84.50	52,390.00	84.00	52,080.00	88.00	54,560.00	80.00	49,600.00
401.0500	ASPHALT CONCRETE PAVEMENT, MIX NO. V	200	TON	143.45	28,690.00	145.00	29,000.00	153.75	30,750.00	150.00	30,000.00	90.00	18,000
408.0100	MC-30 LIQUID ASPHALT FOR PRIME COAT	600	GAL	3.60	2,160.00	3.60	2,160.00	3.60	2,160.00	5.00	3,000.00	3.00	1,950.00
604.4561	ADJUST WATER VALVE BOX	1	EACH	316.00	316.00	450.00	450.00	1,720.00	1,720.00	1,000.00	1,000.00	350.00	350.00
621.5100	REGULATORY AND WARNING SIGN (10 SQ. FT. OR LESS) WITH POST	1	EACH	245.00	245.00	250.00	250.00	245.00	245.00	300.00	300.00	400.00	400.00
621.5101	RELOCATE EXISTING REGULATORY AND WARNING SIGN (10 SQ. FT. OR LESS) WITH NEW POST	2	EACH	136.00	272.00	140.00	280.00	135.00	270.00	200.00	400.00	200.00	400.00
621.5102	RELOCATE EXISTING REGULATORY AND WARNING SIGN (GREATER THAN 10 SQ. FT.) WITH NEW POST	1	EACH	212.00	212.00	215.00	215.00	215.00	215.00	300.00	300.00	300.00	300.00
621.7100	CONSTRUCTION SIGN WITH TWO POSTS	4	EACH	445.75	1,783.00	450.00	1,800.00	450.00	1,800.00	1,000.00	4,000.00	400.00	1,600.00
622.0065	RELOCATE HIGHWAY LIGHTING (4 EACH)	L.S.	L.S.	L.S.	3,259.00	L.S.	5,000.00	L.S.	3,280.00	L.S.	4,500.00	L.S.	20,000.00
624.1684	RELOCATE FIRE HYDRANT (1 EACH)	L.S.	L.S.	L.S.	4,092.00	L.S.	10,000.00	L.S.	5,550.00	L.S.	9,000.00	L.S.	7,500.00
629.1013	4-INCH PAVEMENT STRIPING (TAPE, TYPE II OR THERMOPLASTIC EXTRUSION) 1310 L.F.	L.S.	L.S.	L.S.	997.00	L.S.	2,000.00	L.S.	1,005.00	L.S.	900.00	L.S.	3,275.00
629.1014	4-INCH PAVEMENT STRIPING (THERMOPLASTIC EXTRUSION) 440 L.F.	L.S.	L.S.	L.S.	335.00	L.S.	450.00	L.S.	340.00	L.S.	400.00	L.S.	660.00
629.1015	8-INCH PAVEMENT STRIPING (TAPE, TYPE I OR THERMOPLASTIC EXTRUSION) 80 L.F.	L.S.	L.S.	L.S.	78.00	L.S.	400.00	L.S.	75.00	L.S.	150.00	L.S.	240.00
629.1016	12-INCH PAVEMENT STRIPING (TAPE, TYPE II OR THERMOPLASTIC EXTRUSION) 200 L.F.	L.S.	L.S.	L.S.	239.00	L.S.	600.00	L.S.	240.00	L.S.	400.00	L.S.	300.00

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ITEM No.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	PROJECT NO. 65A-02-90												
629.1017	12-INCH PAVEMENT STRIPING (THERMOPLASTIC EXTRUSION) 50 L.F.	L.S.	L.S.	L.S.	60.00	L.S.	150.00	L.S.	60.00	L.S.	200.00	L.S.	50.00
629.1018	DOUBLE 4-INCH PAVEMENT STRIPING (TAPE, TYPE I OR THERMOPLASTIC EXTRUSION) 320 L.F.	L.S.	L.S.	L.S.	348.00	L.S.	1,600.00	L.S.	350.00	L.S.	400.00	L.S.	640.00
629.1019	DOUBLE 4-INCH PAVEMENT STRIPING (TAPE, TYPE II OR THERMOPLASTIC EXTRUSION) 1680 L.F.	L.S.	L.S.	L.S.	1,826.00	L.S.	4,000.00	L.S.	1,840.00	L.S.	2,000.00	L.S.	1,680.00
629.1021	PAVEMENT WORD (TAPE, TYPE I OR THERMOPLASTIC EXTRUSION)	6	EACH	217.45	1,304.70	195.00	1,170.00	220.00	1,320.00	250.00	1,500.00	250.00	1,500.00
629.1031	PAVEMENT ARROW (TAPE, TYPE I OR THERMOPLASTIC EXTRUSION)	4	EACH	108.75	435.00	125.00	500.00	110.00	440.00	150.00	600.00	250.00	1,000.00
629.2031	TYPE CL PAVEMENT MARKERS (35 EACH)	L.S.	L.S.	L.S.	152.00	L.S.	185.00	L.S.	155.00	L.S.	500.00	L.S.	175.00
629.2041	TYPE DL PAVEMENT MARKERS (19 EACH)	L.S.	L.S.	L.S.	83.00	L.S.	100.00	L.S.	85.00	L.S.	300.00	L.S.	95.00
629.2071	TYPE HL PAVEMENT MARKERS (84 EACH)	L.S.	L.S.	F.A.	365.40	L.S.	400.00	L.S.	365.00	L.S.	1,000.00	L.S.	420.00
645.0200	POLICE OFFICERS AND/OR ADDITIONAL TRAFFIC CONTROL DEVICES	F.A.	F.A.	F.A.	10,000.00	F.A.	10,000.00	F.A.	10,000.00	F.A.	10,000.00	F.A.	10,000.00
699.0100	MOBILIZATION (NOT TO EXCEED 10 PER CENT OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM, FORCE ACCOUNT ITEM, AND THE MORE EXPENSIVE OF CONCRETE BASE COURSE ITEM 301.0100 OR 302.0100)	L.S.	L.S.	L.S.	883.00	L.S.	4,960.00	L.S.	6,825.00	L.S.	15,000.00	L.S.	13,575.00
	SUB-TOTAL CONTRACT ITEMS				\$205,399.00		225,000.00		235,814.00		263,710.00		216,860.00
	DEDUCT THE MORE EXPENSIVE PLANT MIX ASPHALT CONCRETE BASE COURSE ALTERNATIVE (301.0100 OR 302.0100)				\$53,072.00		53,940.00		53,444.00		55,800.00		49,600.00
	SUM OF ALL ITEMS, PROJECT NO. 65A-02-90 (A)				\$152,327.00		171,060.00		182,370.00		207,910.00		167,260.00

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				SITE ENGINEERING, INC.		IDEAL CONSTRUCTION, INC.		HI-WAY TRANSPORTATION & CONTRACTING CO. LTD.		HAITSUKA BROTHERS LIMITED		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ITEM No.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	<u>PROJECT NO. 65A-03-90</u>												
203.0100A	ROADWAY EXCAVATION	200	CU YD	128.53	25,706.00	\$100.00	\$20,000.00	\$294.00	\$ 58,800.00	\$ 160.00	\$32,000.00	\$ 80.00	\$16,000.00
203.0210A	IMPORTED BORROW	900	CU YD	35.53	31,977.00	100.00	90,000.00	74.00	66,600.00	150.00	135,000.00	35.00	31,500.00
301.0100A	PLANT MIX ASPHALT CONCRETE BASE COURSE	500	TON	86.65	43,325.00	88.00	44,000.00	87.25	43,625.00	90.00	45,000.00	90.00	45,000.00
302.0100A	RECYCLED PLANT MIX ASPHALT CONCRETE BASE COURSE	500	TON	84.50	42,250.00	85.50	42,750.00	85.00	42,525.00	88.00	44,000.00	90.00	45,000.00
401.0500A	ASPHALT CONCRETE PAVEMENT, MIX NO. V	175	TON	103.66	18,140.50	105.00	18,375.00	119.00	20,825.00	120.00	21,000.00	130.00	22,750.00
604.4300A	ADJUSTING SEWER MANHOLE FRAME AND COVER	1	EACH	203.00	203.00	450.00	450.00	550.00	550.00	1,000.00	1,000.00	400.00	400.00
621.4010A	OBJECT MARKER, TYPE II	3	EACH	17.00	51.00	20.00	60.00	16.00	48.00	100.00	300.00	40.00	120.00
621.4110A	REFLECTOR MARKER (RM-1) WITH FLEXIBLE DELINEATOR	14	EACH	49.00	686.00	50.00	700.00	50.00	700.00	100.00	1,400.00	75.00	1,050.00
621.5101A	RELOCATE EXISTING REGULATORY AND WARNING SIGN (10 SQ. FT. OR LESS) WITH NEW POST	1	EACH	136.00	136.00	130.00	130.00	135.00	135.00	200.00	200.00	200.00	200.00
621.7100A	CONSTRUCTION SIGN WITH TWO POSTS	4	EACH	446.00	1,784.00	450.00	1,800.00	450.00	1,800.00	1,000.00	4,000.00	450.00	1,800.00
622.0062A	RELOCATE EXISTING HIGHWAY LIGHTING MAST ARM AND LUMINAIRE ON NEW UTILITY JOINT POLE (1 EACH)	L.S.	L.S.	L.S.	1,196.00	L.S.	1,200.00	L.S.	1,200.00	L.S.	2,000.00	L.S.	2,000.00
629.1011A	4-INCH PAVEMENT STRIPING - TAPE, TYPE I OR THERMOPLASTIC EXTRUSION (50 L.F.)	L.S.	L.S.	L.S.	38.00	L.S.	150.00	L.S.	40.00	L.S.	100.00	L.S.	50.00
629.1013A	4-INCH PAVEMENT STRIPING - TAPE, TYPE II OR THERMOPLASTIC EXTRUSION (930 L.F.)	L.S.	L.S.	L.S.	708.00	L.S.	1,100.00	L.S.	715.00	L.S.	600.00	L.S.	930.00
629.1014A	4-INCH PAVEMENT STRIPING - THERMOPLASTIC EXTRUSION (335 L.F.)	L.S.	L.S.	L.S.	255.00	L.S.	600.00	L.S.	255.00	L.S.	300.00	L.S.	335.00
629.1015A	8-INCH PAVEMENT STRIPING - TAPE, TYPE I OR THERMOPLASTIC EXTRUSION (65 L.F.)	L.S.	L.S.	L.S.	71.00	L.S.	320.00	L.S.	70.00	L.S.	200.00	L.S.	82.00
629.1016A	12-INCH PAVEMENT STRIPING - TAPE, TYPE II OR THERMOPLASTIC EXTRUSION (100 L.F.)	L.S.	L.S.	L.S.	130.00	L.S.	275.00	L.S.	130.00	L.S.	300.00	L.S.	150.00
629.1017A	12-INCH PAVEMENT STRIPING - THERMOPLASTIC EXTRUSION (40 L.F.)	L.S.	L.S.	L.S.	52.00	L.S.	110.00	L.S.	55.00	L.S.	100.00	L.S.	60.00
629.1018A	DOUBLE 4-INCH PAVEMENT STRIPING - TAPE, TYPE I OR THERMOPLASTIC EXTRUSION (260 L.F.)	L.S.	L.S.	L.S.	396.00	L.S.	1,400.00	L.S.	400.00	L.S.	300.00	L.S.	390.00

TABULATION OF BIDS

PROJECT: KANEOHE BAY DRIVE INTERSECTION IMPROVEMENT AT MIHA STREET AND KANEOHE BAY DRIVE INTERSECTION IMPROVEMENT AT MOAKAKA PLACE PROJECT No.: 65A-02-90 & 65A-03-90 ISLAND: OAHU TYPE CODE: DATE ADVERTISED: Honolulu Advertiser: May 6, 8, and 11, 1992 BIDS OPENED: May 28, 1992 COMPLETION TIME: SEVENTY (70) WORKING DAYS				SITE ENGINEERING, INC.		IDEAL CONSTRUCTION, INC.		HI-WAY TRANSPORTATION & CONTRACTING CO. LTD.		HAITSUKA BROTHERS LIMITED		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ITEM No.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	PROJECT NO. 65A-03-90												
629.1019A	DOUBLE 4-INCH PAVEMENT STRIPING - TAPE, TYPE II OR THERMOPLASTIC EXTRUSION (1,270 L.F.)	L.S.	L.S.	L.S.	1,933.00	L.S.	3,000.00	L.S.	1,945.00	L.S.	1,500.00	L.S.	1,905.00
629.1021A	PAVEMENT WORD - TAPE, TYPE I OR THERMOPLASTIC EXTRUSION	2	EACH	217.50	435.00	195.00	390.00	220.00	440.00	250.00	500.00	150.00	300.00
629.1031A	PAVEMENT ARROWS - TAPE, TYPE I OR THERMOPLASTIC EXTRUSION	4	EACH	108.75	435.00	125.00	500.00	110.00	440.00	150.00	600.00	100.00	400.00
629.2031A	TYPE CL PAVEMENT MARKERS (31 EACH)	L.S.	L.S.	L.S.	101.00	L.S.	175.00	L.S.	100.00	L.S.	400.00	L.S.	155.00
629.2041A	TYPE DL PAVEMENT MARKERS (15 EACH)	L.S.	L.S.	L.S.	65.00	L.S.	100.00	L.S.	65.00	L.S.	200.00	L.S.	75.00
629.2071A	TYPE HL PAVEMENT MARKERS (60 EACH)	L.S.	L.S.	L.S.	196.00	L.S.	270.00	L.S.	200.00	L.S.	800.00	L.S.	300.00
645.0200A	POLICE OFFICERS AND/OR ADDITIONAL TRAFFIC CONTROL DEVICES	F.A.	F.A.	F.A.	8,000.00	F.A.	8,000.00	F.A.	8,000.00	F.A.	8,000.00	F.A.	8,000.00
699.1000A	MOBILIZATION (NOT TO EXCEED 10 PER CENT OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM, FORCE ACCOUNT ITEM, AND THE MORE EXPENSIVE OF CONCRETE BASE COURSE ITEM 301.0100A OR 302.0100A)	L.S.	L.S.	L.S.	828.50	L.S.	4,145.00	L.S.	8,460.00	L.S.	22,600.00	L.S.	5,000.00
	SUB-TOTAL CONTRACT ITEMS				\$179,098.00		\$240,000.00		\$258,123.00		\$322,400.00		\$183,952.00
	DEDUCT THE MORE EXPENSIVE PLANT MIX ASPHALT CONCRETE BASE COURSE ALTERNATIVE (301.0100A OR 302.0100A)				\$ 43,325.00		\$ 44,000.00		\$ 43,625.00		\$ 45,000.00		\$ 45,000.00
	SUM OF ALL ITEMS, PROJECT NO. 65A-03-90 (B)				\$135,773.00		\$196,000.00		\$214,498.00		\$277,400.00		\$138,952.00
	SUM OF ALL ITEMS, PROJECT NO. 65A-02-90 (A)				\$152,327.00		\$171,060.00		\$182,370.00		\$207,910.00		\$167,260.00
	AMOUNT FOR COMPARISON OF BIDS (A + B) PROJECT NOS. 65A-02-90 & 65A-03-90				\$288,100.00		\$367,060.00		\$396,868.00		\$485,310.00		\$306,212.00
	Project Manager: Allan Nishimura Date: June 23, 1992												