

PROJECT - LIKELIKE HIGHWAY IMPROVEMENTS, VICINITY OF KULA KOLEA DRIVE TO VICINITY OF KALIHI STREET PROJECT NOS. FAP F-063-1(16) AND FAP F-063-1(17) TYPE CODES 1000, Y060, Y030, Y031, Y080, X081, CENG ISLAND - OAHU				DATES ADVERTISED - HONOLULU ADVERTISER JANUARY 23, 25, 28, 1985 BID OPENED - FEBRUARY 21, 1985 COMPLETION TIME - TWO HUNDRED FIFTY (250) WORKING DAYS											
ITEM NO.	ITEM	QUANTITY	UNIT	E E BLACK LTD		ROYAL CONTRACTING CO LTD		KASLER CORPORATION		OKADA TRUCKING CO LTD		HAITSUKA BROTHERS LTD		STATE OF HAWAII	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
201.0100	REMOVING LARGE TREES	6.	EACH	3268.65	19611.90	1500.00	9000.00	500.00	3000.00	800.00	4800.00	1500.00	9000.00	2500.00	15000.00
202.0300	REMOVAL OF PORTION OF EXISTING KALIHI STREAM BRIDGE	L.S.	L.S.	0.00	25660.00	0.00	10000.00	0.00	30000.00	0.00	343431.00	0.00	103852.00	0.00	71400.00
202.0440	REMOVAL OF EXISTING PEDESTRIAN STRUCTURE UNDER KALIHI STREAM BRIDGE	L.S.	L.S.	0.00	30573.00	0.00	30000.00	0.00	140000.00	0.00	76200.00	0.00	350000.00	0.00	50000.00
202.0451	REMOVAL OF PEDESTRIAN WALKWAYS, CRM WALLS, AND INTERIOR FENCES FOR F-063-1(16)	L.S.	L.S.	0.00	14748.00	0.00	12000.00	0.00	20000.00	0.00	5300.00	0.00	54500.00	0.00	32000.00
202.0452	REMOVAL OF PEDESTRIAN WALKWAYS, CRM WALLS, AND INTERIOR FENCES FOR F-063-1(17)	L.S.	L.S.	0.00	11031.00	0.00	12000.00	0.00	20000.00	0.00	13320.00	0.00	50400.00	0.00	28000.00
203.0100	ROADWAY EXCAVATION	6574.	CU YD	20.40	134109.60	20.00	131480.00	30.00	197220.00	32.00	210368.00	50.00	328700.00	60.00	394440.00
203.0210	IMPORTED BORROW	380.	CU YD	35.00	13300.00	20.00	7600.00	20.00	7600.00	21.00	7980.00	40.00	15200.00	15.00	5700.00
206.2040	STRUCTURE EXCAVATION FOR WATER SYSTEM	30.	CU YD	26.20	786.00	300.00	9000.00	20.00	600.00	900.00	27000.00	90.00	2700.00	100.00	3000.00
206.2050	STRUCTURE EXCAVATION FOR SEWER SYSTEM	20.	CU YD	56.40	1128.00	250.00	5000.00	20.00	400.00	650.00	13000.00	70.00	1400.00	100.00	2000.00
206.5000	STRUCTURE EXCAVATION FOR RETAINING WALLS	3134.	CU YD	26.58	83301.72	12.00	37608.00	30.00	94020.00	24.00	75216.00	26.00	81484.00	100.00	313400.00
206.6004	STRUCTURE EXCAVATION FOR BRIDGES - KALIHI STREAM PEDESTRIAN STRUCTURE	165.	CU YD	60.15	9924.75	80.00	13200.00	25.00	4125.00	435.00	71775.00	70.00	11550.00	100.00	16500.00
206.6006	STRUCTURE EXCAVATION FOR BRIDGES - PEDESTRIAN RAMP STRUCTURE	29.	CU YD	36.00	1044.00	90.00	2610.00	50.00	1450.00	196.00	5684.00	70.00	2030.00	100.00	2900.00
206.7211	STRUCTURE BACKFILL FOR BRIDGES	21.	CU YD	34.30	720.30	60.00	1260.00	650.00	13650.00	42.00	882.00	90.00	1890.00	60.00	1260.00
206.7250	STRUCTURE BACKFILL FOR RETAINING WALLS	1736.	CU YD	32.10	55725.60	20.00	34720.00	50.00	86800.00	18.00	31248.00	57.00	98952.00	60.00	104160.00
206.8200	FILTER MATERIAL FOR STRUCTURES	5.	CU YD	51.10	255.50	100.00	500.00	220.00	1100.00	70.00	350.00	65.00	325.00	65.00	325.00
206.8300	FILTER MATERIAL FOR RETAINING WALLS	331.	CU YD	36.10	11949.10	38.00	12578.00	40.00	13240.00	38.00	12578.00	55.00	18205.00	65.00	21515.00
303.0100	COARSE AGGREGATE FOR WATERBOUND MACADAM BASE	3116.	TON	23.50	73226.00	24.00	74784.00	25.00	77900.00	51.00	158916.00	38.00	118408.00	60.00	186960.00
303.0200	BINDER FOR WATERBOUND MACADAM BASE	779.	TON	39.80	31004.20	20.00	15580.00	25.00	19475.00	65.00	50635.00	40.00	31160.00	50.00	38950.00
305.1110	AGGREGATE SUBBASE	1636.	CU YD	21.00	34356.00	35.00	57260.00	25.00	40900.00	22.00	35992.00	45.00	73620.00	45.00	73620.00
401.0300	ASPHALT CONCRETE PAVEMENT, MIX NO. 111	1992.	TON	63.00	125496.00	65.00	129480.00	56.00	111552.00	59.00	117528.00	69.00	137448.00	70.00	139440.00
401.0500	ASPHALT CONCRETE PAVEMENT, MIX NO. V	32.	TON	123.00	3936.00	160.00	5120.00	150.00	4800.00	116.00	3712.00	185.00	5920.00	72.50	2320.00
403.0100	OPEN-GRADED PLANT MIX SEAL	1212.	TON	62.50	75750.00	60.00	72720.00	56.00	67872.00	59.00	71508.00	69.00	83628.00	70.00	84840.00
503.1052	CONCRETE IN RETAINING WALLS FOR F-063-1(16)	L.S.	L.S.	0.00	394579.00	0.00	366000.00	0.00	455793.00	0.00	409700.00	0.00	388300.00	0.00	503750.00
503.1053	CONCRETE IN RETAINING WALLS FOR F-063-1(17)	L.S.	L.S.	0.00	26350.00	0.00	20000.00	0.00	30000.00	0.00	19715.00	0.00	20000.00	0.00	21250.00
503.1072	CONCRETE IN KALIHI STREAM PEDESTRIAN STRUCTURE	L.S.	L.S.	0.00	101728.00	0.00	52000.00	0.00	80000.00	0.00	73900.00	0.00	134000.00	0.00	80000.00
503.1073	CONCRETE IN FOOTINGS FOR KALIHI STREAM PEDESTRIAN STRUCTURE	L.S.	L.S.	0.00	15165.00	0.00	83000.00	0.00	40000.00	0.00	17300.00	0.00	36500.00	0.00	38000.00
503.1074	CONCRETE IN PEDESTRIAN RAMP STRUCTURE	L.S.	L.S.	0.00	41843.00	0.00	15000.00	0.00	15000.00	0.00	21600.00	0.00	43700.00	0.00	18100.00
503.1075	CONCRETE IN FOOTINGS FOR PEDESTRIAN RAMP STRUCTURE	L.S.	L.S.	0.00	886.00	0.00	15000.00	0.00	3000.00	0.00	3100.00	0.00	14000.00	0.00	4800.00

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503.1090	CONCRETE IN KALIHI STREAM BRIDGE	L.S.	L.S.	0.00	149218.00	0.00	230000.00	0.00	45000.00	0.00	79985.00	0.00	91100.00	0.00	93000.00
503.2051	CLASS B CONCRETE FOR WATER SYSTEM	L.S.	L.S.	0.00	6050.00	0.00	8000.00	0.00	5000.00	0.00	8094.00	0.00	6400.00	0.00	11000.00
504.7301	PRESTRESSED CONCRETE TEE GIRDERS (42-INCH DEEP)	L.S.	L.S.	0.00	50650.00	0.00	57000.00	0.00	60000.00	0.00	45900.00	0.00	73600.00	0.00	116200.00
504.7302	PRESTRESSED CONCRETE TEE GIRDERS (24-INCH DEEP)	L.S.	L.S.	0.00	12932.00	0.00	16000.00	0.00	20000.00	0.00	13200.00	0.00	19200.00	0.00	24600.00
507.3501	METAL RAILING FOR KALIHI STREAM PEDESTRIAN RAMP STRUCTURE	546.	LIN FT	68.80	37564.80	50.00	27300.00	50.00	27300.00	51.00	27846.00	100.00	54600.00	90.00	49140.00
507.3502	METAL RAILING FOR PEDESTRIAN RAMP STRUCTURE	168.	LIN FT	68.80	11558.40	50.00	8400.00	50.00	8400.00	51.00	8568.00	100.00	16800.00	90.00	15120.00
507.5010	CONCRETE BRIDGE RAILING INCLUDING END POST	468.	LIN FT	62.20	29109.60	60.00	28080.00	38.00	17784.00	51.00	23868.00	155.00	72540.00	125.00	58500.00
602.0052	REINFORCING STEEL IN RETAINING WALLS FOR F-063-1(16)	L.S.	L.S.	0.00	51615.00	0.00	46500.00	0.00	48000.00	0.00	61740.00	0.00	55800.00	0.00	87000.00
602.0053	REINFORCING STEEL IN RETAINING WALLS FOR F-063-1(17)	L.S.	L.S.	0.00	5550.00	0.00	5000.00	0.00	5000.00	0.00	8295.00	0.00	6000.00	0.00	7800.00
602.0071	REINFORCING STEEL IN KALIHI STREAM PEDESTRIAN STRUCTURE	L.S.	L.S.	0.00	12210.00	0.00	11000.00	0.00	12000.00	0.00	7455.00	0.00	13200.00	0.00	18600.00
602.0072	REINFORCING STEEL IN PEDESTRIAN RAMP STRUCTURE	L.S.	L.S.	0.00	2775.00	0.00	2500.00	0.00	2500.00	0.00	2100.00	0.00	3000.00	0.00	3600.00
602.0091	REINFORCING STEEL IN KALIHI STREAM BRIDGE	L.S.	L.S.	0.00	14430.00	0.00	13000.00	0.00	14000.00	0.00	11700.00	0.00	15600.00	0.00	20550.00
602.1041	REINFORCING STEEL FOR WATER SYSTEM	L.S.	L.S.	0.00	1443.00	0.00	2000.00	0.00	1500.00	0.00	2520.00	0.00	1600.00	0.00	800.00
604.0400	STANDARD VALVE BOX	1.	EACH	216.00	216.00	300.00	300.00	200.00	200.00	405.00	405.00	525.00	525.00	350.00	350.00
604.1460	EXISTING TYPE B WATER MANHOLE TO BE COMPLETELY DEMOLISHED	2.	EACH	391.00	782.00	350.00	700.00	1000.00	2000.00	360.00	720.00	1200.00	2400.00	500.00	1000.00
604.4010	ADJUSTING MANHOLE FRAME AND COVER	11.	EACH	97.00	1067.00	200.00	2200.00	300.00	3300.00	528.00	5808.00	450.00	4950.00	150.00	1650.00
604.4020	ADJUSTING STORM DRAIN MANHOLE FRAME AND COVER (3.00 FEET TO 3.99 FEET)	1.	EACH	2040.00	2040.00	800.00	800.00	500.00	500.00	600.00	600.00	1500.00	1500.00	900.00	900.00
604.4030	ADJUSTING SEWER MANHOLE FRAME AND COVER (5.00 FEET TO 5.99 FEET)	1.	EACH	2455.00	2455.00	1600.00	1600.00	300.00	300.00	1505.00	1505.00	1800.00	1800.00	1500.00	1500.00
604.4040	ADJUSTING STORM DRAIN MANHOLE WITH NEW TYPE P CAST IRON FRAME AND COVER	1.	EACH	344.00	344.00	400.00	400.00	600.00	600.00	640.00	640.00	750.00	750.00	800.00	800.00
604.4050	REMOVING, CLEANING AND RETURNING CAST IRON FRAME AND COVER (TO 727 KAKOI STREET)	1.	EACH	65.00	65.00	100.00	100.00	300.00	300.00	65.00	65.00	300.00	300.00	150.00	150.00
604.5001	TYPE B CATCH BASIN	1.	EACH	5126.00	5126.00	6000.00	6000.00	8000.00	8000.00	6625.00	6625.00	9000.00	9000.00	7500.00	7500.00
604.5002	TYPE C CATCH BASIN	2.	EACH	5126.00	10252.00	72000.00	144000.00	8000.00	16000.00	7265.00	14530.00	9000.00	18000.00	7500.00	15000.00
604.5003	TYPE C C-1 CATCH BASIN	1.	EACH	9551.00	9551.00	82000.00	82000.00	9000.00	9000.00	9400.00	9400.00	11300.00	11300.00	9000.00	9000.00
604.5004	WALKWAY CATCH BASIN	2.	EACH	1825.00	3650.00	2000.00	4000.00	1800.00	3600.00	2270.00	4540.00	2900.00	5800.00	3500.00	7000.00
604.5100	RECONSTRUCTING CATCHBASIN INTO MANHOLE WITH NEW TYPE P CAST IRON FRAME AND COVER	4.	EACH	2751.00	11004.00	3000.00	12000.00	3000.00	12000.00	3165.00	12660.00	1800.00	7200.00	6500.00	26000.00
604.5101	RECONSTRUCTING CATCH BASIN (B.L. STA 19+32)	L.S.	L.S.	0.00	5797.00	0.00	6000.00	0.00	10000.00	0.00	8930.00	0.00	7800.00	0.00	9000.00

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604.5102	RECONSTRUCTING CATCH BASIN (B.L. STA 33+40)	L.S.	L.S.	0.00	2503.00	0.00	6000.00	0.00	3500.00	0.00	2840.00	0.00	8400.00	0.00	2500.00
604.5110	RECONSTRUCTING CATCH BASIN (B.L. STA 49+07)	L.S.	L.S.	0.00	6152.00	0.00	6700.00	0.00	10000.00	0.00	10490.00	0.00	6000.00	0.00	8500.00
604.5111	RECONSTRUCTING CATCH BASIN (B.L. STA 56+50)	L.S.	L.S.	0.00	6105.00	0.00	6800.00	0.00	10000.00	0.00	11020.00	0.00	6000.00	0.00	8500.00
604.5112	RECONSTRUCTING CATCH BASIN (B.L. STA 62+93)	L.S.	L.S.	0.00	4220.00	0.00	4000.00	0.00	5000.00	0.00	4375.00	0.00	6400.00	0.00	7000.00
604.5120	RECONSTRUCTING SEWER MANHOLE (B.L. STA 59+07)	L.S.	L.S.	0.00	3837.00	0.00	6000.00	0.00	6000.00	0.00	8900.00	0.00	6600.00	0.00	10000.00
604.5121	RECONSTRUCTING SEWER MANHOLE (B.L. STA 12+81)	L.S.	L.S.	0.00	4624.00	0.00	6800.00	0.00	5000.00	0.00	9160.00	0.00	6800.00	0.00	8000.00
604.5130	TYPE A WATER MANHOLE	1.	EACH	5647.00	5647.00	6000.00	6000.00	5000.00	5000.00	6730.00	6730.00	6800.00	6800.00	8000.00	8000.00
605.3000	FILTER FABRIC UNDERDRAIN	3640.	LIN FT	17.50	63700.00	24.00	87360.00	20.00	72800.00	46.00	167440.00	30.00	109200.00	30.00	109200.00
606.4142	GUARD RAIL, TYPE 4F - CONCRETE RIGID BARRIER (ONE FACE)	102.	LIN FT	80.76	8237.52	200.00	20400.00	150.00	15300.00	180.00	18360.00	53.00	5406.00	150.00	15300.00
606.4143	GUARD RAIL, TYPE 50C - CONCRETE RIGID BARRIER	900.	LIN FT	67.37	60633.00	90.00	81000.00	40.00	36000.00	77.00	69300.00	75.00	67500.00	175.00	157500.00
606.7502	TRANSITION SECTION, TYPE 4B	1.	EACH	2270.00	2270.00	1050.00	1050.00	2500.00	2500.00	1614.00	1614.00	900.00	900.00	2500.00	2500.00
606.7505	TRANSITION SECTION, TYPE 4F	2.	EACH	767.00	1534.00	950.00	1900.00	2500.00	5000.00	300.00	600.00	550.00	1100.00	2000.00	4000.00
606.9000	STATE FURNISHED PORTABLE CONCRETE GUARD RAIL (FROM WITHIN 5-MILE RADIUS)	250.	EACH	207.00	51750.00	200.00	50000.00	300.00	75000.00	96.00	24000.00	150.00	37500.00	500.00	125000.00
606.9002	PORTABLE CONCRETE GUARD RAIL - INTERMEDIATE PANEL	13.	EACH	1193.00	15509.00	950.00	12350.00	500.00	6500.00	1755.00	22815.00	900.00	11700.00	1200.00	15600.00
606.9003	PORTABLE CONCRETE GUARD RAIL - END PANEL	12.	EACH	865.00	10380.00	950.00	11400.00	500.00	6000.00	1755.00	21060.00	925.00	11100.00	1000.00	12000.00
607.0060	6-FEET CHAIN LINK FENCE WITH TOP RAIL AND CONCRETE FOOTINGS	41.	LIN FT	16.65	682.65	30.00	1230.00	30.00	1230.00	28.00	1148.00	32.00	1312.00	30.00	1230.00
607.0161	REMOVE FABRIC, INSTALL NEW TENSION WIRE AND REINSTALL 6-FEET CHAIN LINK FABRIC ON EXISTING POSTS	185.	LIN FT	2.80	518.00	10.00	1850.00	6.00	1110.00	6.00	1110.00	7.00	1295.00	10.00	1850.00
607.0261	6-FEET CHAIN LINK FENCE WITH TOP RAIL AND SALVAGED CHAIN LINK FABRIC ON CONCRETE RETAINING WALL	721.	LIN FT	10.00	7210.00	12.00	8652.00	10.00	7210.00	10.00	7210.00	12.00	8652.00	20.00	14420.00
607.0262	6-FEET CHAIN LINK FENCE WITH TOP RAIL ON CONCRETE RETAINING WALL	1059.	LIN FT	19.20	20332.80	17.00	18003.00	15.00	15885.00	15.00	15885.00	18.00	19062.00	25.00	26475.00
608.1100	REINFORCED CONCRETE SIDEWALK	2305.	SQ YD	21.30	49096.50	30.00	69150.00	19.00	43795.00	29.00	66845.00	22.00	50710.00	32.00	73760.00
608.2000	BITUMINOUS SIDEWALK	85.	TON	125.00	10625.00	120.00	10200.00	100.00	8500.00	91.00	7735.00	114.00	9690.00	200.00	17000.00
608.6000	BED COURSE MATERIAL FOR SIDEWALK	125.	CU YD	62.95	7868.75	60.00	7500.00	80.00	10000.00	38.00	4750.00	40.00	5000.00	45.00	5625.00
609.2010	CURB, TYPE 2A	761.	LIN FT	1.40	1065.40	10.00	7610.00	9.00	6849.00	17.00	12937.00	10.00	7610.00	13.00	9893.00
609.2020	CURB, TYPE 2D	639.	LIN FT	1.00	639.00	10.00	6390.00	8.00	5112.00	17.00	10863.00	9.00	5751.00	13.00	8307.00
609.2710	CURB AND GUTTER, TYPE 2AG	706.	LIN FT	2.35	1659.10	10.00	7060.00	10.00	7060.00	16.00	11296.00	11.00	7766.00	20.00	14120.00
609.2715	CURB AND GUTTER, TYPE 2AGM	715.	LIN FT	18.83	13463.45	10.00	7150.00	10.00	7150.00	16.00	11440.00	11.00	7865.00	20.00	14300.00
609.2720	CURB AND GUTTER, TYPE 2DG	3528.	LIN FT	17.09	60293.52	10.00	35280.00	9.00	31752.00	16.00	56448.00	10.50	37044.00	20.00	70560.00

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609.2725	CURB AND GUTTER, TYPE 2DGM	981.	LIN FT	16.85	16529.85	10.00	9810.00	9.00	8829.00	16.00	15696.00	11.00	10791.00	20.00	19620.00
613.0110	ADJUSTING CENTERLINE MONUMENTS	1.	EACH	51.00	51.00	160.00	160.00	200.00	200.00	185.00	185.00	480.00	480.00	200.00	200.00
614.0200	RECONSTRUCTED SURVEY MONUMENT	2.	EACH	369.00	738.00	250.00	500.00	300.00	600.00	425.00	850.00	630.00	1260.00	500.00	1000.00
615.0100	LEVELING SURFACES	F.A.	F.A.	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00
621.0201	RELOCATE DESTINATION SIGN	2.	EACH	444.00	888.00	225.00	450.00	230.00	460.00	315.00	630.00	270.00	540.00	300.00	600.00
621.4110	RELOCATE REFLECTOR MARKER WITH POST	1.	EACH	20.00	20.00	30.00	30.00	30.00	30.00	26.00	26.00	36.00	36.00	150.00	150.00
621.4700	TYPE II OBJECT MARKER	7.	EACH	26.60	186.20	25.00	175.00	30.00	210.00	16.00	112.00	30.00	210.00	20.00	140.00
621.4800	TYPE II OBJECT MARKER WITH POST	7.	EACH	37.74	264.18	50.00	350.00	50.00	350.00	23.00	161.00	60.00	420.00	40.00	280.00
621.5010	RELOCATE REGULATORY AND WARNING SIGNS (10 SQUARE FEET AND LESS)	7.	EACH	77.70	543.90	50.00	350.00	50.00	350.00	36.00	252.00	60.00	420.00	50.00	350.00
621.5100	REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS) WITH POST	8.	EACH	205.00	1640.00	226.00	1808.00	220.00	1760.00	147.00	1176.00	260.00	2080.00	200.00	1600.00
621.5110	RELOCATE REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS) WITH POST	7.	EACH	111.00	777.00	132.00	924.00	130.00	910.00	78.00	546.00	150.00	1050.00	175.00	1225.00
621.7501	RELOCATE MILE POST MARKER	1.	EACH	22.00	22.00	69.00	69.00	70.00	70.00	36.00	36.00	80.00	80.00	50.00	50.00
622.0051	HIGHWAY LIGHTING STANDARD, SINGLE BRACKET, 150W HIGH PRESSURE SODIUM LAMP LUMINAIRE AND FOUNDATION	51.	EACH	2341.00	119391.00	1394.00	71094.00	2200.00	112200.00	2214.00	112914.00	2500.00	127500.00	1500.00	76500.00
622.0052	HIGHWAY LIGHTING STANDARD, SINGLE BRACKET, 250W HIGH PRESSURE SODIUM LAMP LUMINAIRE AND FOUNDATION	6.	EACH	2352.00	14112.00	1342.00	8052.00	2200.00	13200.00	2225.00	13350.00	2600.00	15600.00	1500.00	9000.00
622.0061	HIGHWAY LIGHTING BRACKET ARM, 250W HIGH PRESSURE SODIUM LAMP LUMINAIRE AND WOOD POLE	1.	EACH	1935.00	1935.00	3138.00	3138.00	1850.00	1850.00	1830.00	1830.00	2100.00	2100.00	1200.00	1200.00
622.0521	HIGHWAY LIGHTING STANDARD, DOUBLE BRACKET, 150W HIGH PRESSURE SODIUM LAMP LUMINAIRES AND FOUNDATION	16.	EACH	2892.00	46272.00	1800.00	28800.00	2700.00	43200.00	2735.00	43760.00	3100.00	49600.00	2100.00	33600.00
622.0701	RELOCATE EXISTING HIGHWAY LIGHTING STANDARD	4.	EACH	755.00	3020.00	548.00	2192.00	710.00	2840.00	714.00	2856.00	800.00	3200.00	500.00	2000.00
622.5031	ONE 2-INCH PVC CONDUIT, DIRECT BURIED, INCLUDING TRENCHING AND BACKFILLING FOR HIGHWAY LIGHTING SYSTEM	11400.	LIN FT	4.35	49590.00	10.00	114000.00	4.10	46740.00	4.00	45600.00	4.70	53580.00	6.00	68400.00
622.5034	TWO 3-INCH PVC CONDUIT CONCRETE ENCASED, INCLUDING TRENCHING AND BACKFILLING FOR HIGHWAY LIGHTING SYSTEM	40.	LIN FT	9.10	364.00	40.00	1600.00	8.60	344.00	8.60	344.00	9.80	392.00	15.00	600.00
622.5041	NO. 2 AWG CONDUCTORS FOR HIGHWAY LIGHTING SYSTEM	29000.	LIN FT	1.67	48430.00	1.00	29000.00	1.60	46400.00	1.60	46400.00	1.80	52200.00	1.00	29000.00
622.5042	NO. 8 AWG CONDUCTORS FOR HIGHWAY LIGHTING SYSTEM	11300.	LIN FT	.95	10735.00	.50	5650.00	.90	10170.00	.90	10170.00	1.00	11300.00	.50	5650.00
622.5044	NO. 2 AWG TRIPLEX CONDUCTORS FOR HIGHWAY LIGHTING SYSTEM	800.	LIN FT	9.24	7392.00	4.00	3200.00	3.05	2440.00	3.00	2400.00	8.00	6400.00	3.50	2800.00

PROJECT - LIKELIKE HIGHWAY IMPROVEMENTS,
VICINITY OF KULA KOLEA DRIVE TO
VICINITY OF KALIHI STREET
PROJECT NOS. FAP F-063-1(16) AND FAP F-063-1(17)
TYPE CODES 1000, Y060, Y030, Y031, Y080, X081, CENG
ISLAND - OAHU

DATES ADVERTISED - HONOLULU ADVERTISER
JANUARY 23, 25, 28, 1985
BID OPENED - FEBRUARY 21, 1985
COMPLETION TIME - TWO HUNDRED FIFTY (250) WORKING DAYS

ITEM NO.	ITEM	QUANTITY	UNIT	E E BLACK LTD		ROYAL CONTRACTING CO LTD		KASLER CORPORATION		OKADA TRUCKING CO LTD		HAITSUKA BROTHERS LTD		STATE OF HAWAII	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
622.5071	HIGHWAY LIGHTING SYSTEM SERVICE EQUIPMENT INCLUDING PANEL AND TRANSFORMER, IN PLACE COMPLETE	L.S.	L.S.	0.00	7388.00	0.00	15566.00	0.00	7000.00	0.00	6990.00	0.00	8000.00	0.00	5000.00
622.5072	HIGHWAY LIGHTING SYSTEM SERVICE EQUIPMENT AND CONCRETE PAD, IN PLACE COMPLETE	L.S.	L.S.	0.00	4877.00	0.00	11155.00	0.00	4600.00	0.00	4614.00	0.00	5300.00	0.00	3500.00
622.6201	REPLACE EXISTING MERCURY VAPOR LAMP LUMINAIRE WITH 150W HIGH PRESSURE SODIUM LAMP LUMINAIRE	37.	EACH	455.10	16838.70	248.00	9176.00	430.00	15910.00	430.00	15910.00	490.00	18130.00	400.00	14800.00
622.6202	REPLACE EXISTING MERCURY VAPOR LAMP LUMINAIRE WITH 150W HIGH PRESSURE SODIUM LAMP LUMINAIRE AND BRACKET	6.	EACH	720.39	4322.34	492.00	2952.00	680.00	4080.00	681.00	4086.00	780.00	4680.00	500.00	3000.00
622.6211	PULLBOX FOR HIGHWAY LIGHTING SYSTEM	26.	EACH	298.59	7763.34	800.00	20800.00	280.00	7280.00	282.00	7332.00	320.00	8320.00	400.00	10400.00
623.2011	TYPE I TRAFFIC SIGNAL STANDARD, TEN FOOT POLE WITH FOUNDATION	8.	EACH	823.62	6588.96	1000.00	8000.00	780.00	6240.00	779.00	6232.00	890.00	7120.00	600.00	4800.00
623.2012	TYPE I TRAFFIC SIGNAL STANDARD, EIGHT FOOT POLE WITH FOUNDATION	2.	EACH	823.62	1647.24	974.00	1948.00	780.00	1560.00	779.00	1558.00	890.00	1780.00	500.00	1000.00
623.2021	TYPE II TRAFFIC SIGNAL STANDARD, WITH 30-FOOT ARM AND FOUNDATION	2.	EACH	4089.24	8178.48	20000.00	40000.00	3800.00	7600.00	3868.00	7736.00	4400.00	8800.00	5500.00	11000.00
623.2022	TYPE II TRAFFIC SIGNAL STANDARD, WITH 40-FOOT ARM AND FOUNDATION	2.	EACH	5458.98	10917.96	4533.00	9066.00	5100.00	10200.00	5164.00	10328.00	5900.00	11800.00	6000.00	12000.00
623.2023	STANDARD FOR PEDESTRIAN PUSH BUTTON AND FOUNDATION	1.	EACH	589.00	589.00	388.00	388.00	560.00	560.00	557.00	557.00	640.00	640.00	250.00	250.00
623.2061	TRAFFIC SIGNAL CONTROLLER (LOCAL) CABINET WITH CONCRETE PAD, IN PLACE COMPLETE	1.	EACH	18840.00	18840.00	14689.00	14689.00	17800.00	17800.00	17822.00	17822.00	20400.00	20400.00	16000.00	16000.00
623.2062	TRAFFIC SIGNAL CONTROLLER (LOCAL AND MASTER) CABINET WITH CONCRETE PAD, IN PLACE COMPLETE	1.	EACH	37149.00	37149.00	30485.00	30485.00	35000.00	35000.00	35141.00	35141.00	40200.00	40200.00	30000.00	30000.00
623.3001	TRAFFIC SIGNAL ASSEMBLY (ONE-WAY, 12-INCH, ONE VERTICAL WITH SLIPFITTER MOUNTING)	2.	EACH	466.00	932.00	383.00	766.00	440.00	880.00	441.00	882.00	500.00	1000.00	350.00	700.00
623.3011	TRAFFIC SIGNAL ASSEMBLY (TWO-WAY, 12-INCH, TWO VERTICAL WITH SLIPFITTER MOUNTING)	5.	EACH	766.00	3830.00	829.00	4145.00	720.00	3600.00	724.00	3620.00	830.00	4150.00	700.00	3500.00
623.3012	TRAFFIC SIGNAL ASSEMBLY (THREE-WAY, 12-INCH, THREE VERTICAL WITH SLIPFITTER MOUNTING)	1.	EACH	1265.00	1265.00	1040.00	1040.00	1200.00	1200.00	1197.00	1197.00	1400.00	1400.00	1050.00	1050.00
623.3031	TRAFFIC SIGNAL ASSEMBLY (ONE-WAY, 12-INCH, ONE VERTICAL WITH BRACKET MOUNTING)	5.	EACH	522.00	2610.00	387.00	1935.00	490.00	2450.00	493.00	2465.00	560.00	2800.00	350.00	1750.00
623.3061	TRAFFIC SIGNAL ASSEMBLY (ONE-WAY, 12-INCH, ONE VERTICAL WITH MAST ARM MOUNTING)	10.	EACH	673.00	6730.00	559.00	5590.00	630.00	6300.00	636.00	6360.00	730.00	7300.00	250.00	2500.00
623.4001	PEDESTRIAN SIGNAL ASSEMBLY (ONE-WAY, 12-INCH, ONE VERTICAL WITH SLIPFITTER MOUNTING)	2.	EACH	738.00	1476.00	497.00	994.00	700.00	1400.00	698.00	1396.00	800.00	1600.00	250.00	500.00

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DATES ADVERTISED - HONOLULU ADVERTISER
JANUARY 23, 25, 28, 1985
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				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.4021	PEDESTRIAN SIGNAL ASSEMBLY (ONE-WAY, 12-INCH, ONE VERTICAL WITH BRACKET MOUNTING)	6.	EACH	766.00	4596.00	493.00	2958.00	720.00	4320.00	724.00	4344.00	830.00	4980.00	250.00	1500.00
623.4041	PEDESTRIAN PUSH BUTTON WITH SIGN	9.	EACH	155.00	1395.00	172.00	1548.00	150.00	1350.00	147.00	1323.00	170.00	1530.00	100.00	900.00
623.5201	ONE 2-INCH PVC CONDUIT, DIRECT BURIED, INCLUDING TRENCHING AND BACKFILLING FOR TRAFFIC SIGNAL SYSTEM	6500.	LIN FT	4.27	27755.00	11.00	71500.00	4.00	26000.00	4.00	26000.00	4.60	29900.00	6.00	39000.00
623.5202	TWO 2-INCH PVC CONDUIT, DIRECT BURIED, INCLUDING TRENCHING AND BACKFILLING FOR TRAFFIC SIGNAL SYSTEM	1100.	LIN FT	6.62	7282.00	29.00	31900.00	6.25	6875.00	6.00	6600.00	7.15	7865.00	8.00	8800.00
623.5203	THREE 2-INCH PVC CONDUIT, DIRECT BURIED, INCLUDING TRENCHING AND BACKFILLING FOR TRAFFIC SIGNAL SYSTEM	170.	LIN FT	8.30	1411.00	21.00	3570.00	7.90	1343.00	8.00	1360.00	9.00	1530.00	10.00	1700.00
623.5204	FOUR 2-INCH PVC CONDUIT, DIRECT BURIED, INCLUDING TRENCHING AND BACKFILLING FOR TRAFFIC SIGNAL SYSTEM	60.	LIN FT	10.00	600.00	16.00	960.00	9.60	576.00	10.00	600.00	11.00	660.00	12.00	720.00
623.5205	FIVE 2-INCH PVC CONDUIT, DIRECT BURIED, INCLUDING TRENCHING AND BACKFILLING FOR TRAFFIC SIGNAL SYSTEM	30.	LIN FT	11.00	330.00	17.00	510.00	11.00	330.00	11.00	330.00	12.00	360.00	14.00	420.00
623.6011	TYPE B PULLBOX FOR TRAFFIC SIGNAL SYSTEM	38.	EACH	642.00	24396.00	541.00	20558.00	600.00	22800.00	606.00	23028.00	695.00	26410.00	400.00	15200.00
623.7001	TWENTY-SIX NO. 18 TRAFFIC CONTROL CABLE	5600.	LIN FT	20.00	112000.00	3.50	19600.00	18.70	104720.00	18.00	100800.00	21.40	119840.00	4.00	22400.00
623.7002	TWENTY-SIX NO. 14 TRAFFIC CONTROL CABLE	1200.	LIN FT	25.00	30000.00	4.25	5100.00	23.50	28200.00	23.00	27600.00	26.90	32280.00	5.00	6000.00
623.7003	TWO NO. 14 TRAFFIC CONTROL CABLE	3800.	LIN FT	7.00	26600.00	.75	2850.00	6.70	25460.00	7.00	26600.00	7.70	29260.00	.50	1900.00
623.7004	NINETEEN NO. 14 TRAFFIC CONTROL CABLE	500.	LIN FT	19.00	9500.00	3.50	1750.00	18.30	9150.00	18.00	9000.00	20.90	10450.00	3.00	1500.00
623.7005	LOOP DETECTOR SENSING UNIT (6-FT X 6-FT)	23.	EACH	266.00	6118.00	263.00	6049.00	250.00	5750.00	252.00	5796.00	290.00	6670.00	150.00	3450.00
623.7006	LOOP DETECTOR SENSING UNIT (6-FT X 8-FT)	18.	EACH	292.00	5256.00	254.00	4572.00	275.00	4950.00	276.00	4968.00	315.00	5670.00	200.00	3600.00
623.9001	CONCRETE PAD FOR TRAFFIC SIGNAL CONTROLLER CABINET	1.	EACH	821.00	821.00	414.00	414.00	780.00	780.00	777.00	777.00	890.00	890.00	1000.00	1000.00
623.9011	NO. 8 AWG CONDUCTORS FOR TRAFFIC CONTROL SYSTEM	300.	LIN FT	1.00	300.00	.55	165.00	.85	255.00	1.00	300.00	1.00	300.00	.50	150.00
623.9012	NO. 10 AWG CONDUCTORS FOR TRAFFIC CONTROL SYSTEM	150.	LIN FT	1.00	150.00	.50	75.00	.80	120.00	1.00	150.00	.90	135.00	.30	45.00
624.1061	FURNISHING, AND INSTALLING 6-INCH MECHANICAL JOINT DUCTILE IRON PIPE (CLASS 52)	4.	LIN FT	61.60	246.40	100.00	400.00	50.00	200.00	60.00	240.00	35.00	140.00	50.00	200.00
624.1062	FURNISHING, AND INSTALLING 8-INCH MECHANICAL JOINT DUCTILE IRON PIPE (CLASS 52)	14.	LIN FT	23.00	322.00	90.00	1260.00	80.00	1120.00	65.00	910.00	37.00	518.00	75.00	1050.00
624.1071	FURNISHING, AND INSTALLING 16-INCH MECHANICAL JOINT DUCTILE IRON PIPE (CLASS 52)	54.	LIN FT	78.00	4212.00	120.00	6480.00	150.00	8100.00	75.00	4050.00	50.00	2700.00	120.00	6480.00
624.1261	FURNISHING AND INSTALLING 16-INCH BUTTERFLY VALV (CLASS 150)	1.	EACH	1745.00	1745.00	5950.00	5950.00	5000.00	5000.00	1980.00	1980.00	4600.00	4600.00	3000.00	3000.00

PROJECT - LIKELIKE HIGHWAY IMPROVEMENTS, VICINITY OF KULA KOLEA DRIVE TO VICINITY OF KALIHI STREET PROJECT NOS. FAP F-063-1(16) AND FAP F-063-1(17) TYPE CODES 1000, Y060, Y030, Y031, Y080, X081, CENG ISLAND - OAHU				DATES ADVERTISED - HONOLULU ADVERTISER JANUARY 23, 25, 28, 1985 BID OPENED - FEBRUARY 21, 1985 COMPLETION TIME - TWO HUNDRED FIFTY (250) WORKING DAYS											
				E E BLACK LTD		ROYAL CONTRACTING CO LTD		KASLER CORPORATION		OKADA TRUCKING CO LTD		HAITSUKA BROTHERS LTD		STATE OF HAWAII	
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
624.1292	FURNISHING AND INSTALLING HUB CLAMP FOR 8-INCH CAST IRON PIPE INCLUDING STRONG BACK, BOLTS, AND NUTS	1.	EACH	200.00	200.00	658.00	658.00	300.00	300.00	340.00	340.00	340.00	340.00	750.00	750.00
624.1341	FURNISHING AND INSTALLING 6-INCH X 6-INCH TAPPING SLEEVE INCLUDING 6-INCH TAPPING VALVE (CLASS 250)	1.	EACH	1157.00	1157.00	1650.00	1650.00	4000.00	4000.00	1530.00	1530.00	1100.00	1100.00	1000.00	1000.00
624.1640	FURNISHING AND INSTALLING CAST IRON FITTINGS	3410.	LB	2.30	7843.00	5.00	17050.00	5.00	17050.00	2.50	8525.00	1.60	5456.00	3.00	10230.00
624.1851	FURNISHING, AND INSTALLING 1-1/2 INCH MULTIPLE SERVICE LATERAL AND ALL APPURTENANCES, INCLUDING RECONNECTION TO SERVICE CONNECTION	1.	EACH	274.00	274.00	1300.00	1300.00	1000.00	1000.00	840.00	840.00	700.00	700.00	1200.00	1200.00
624.9011	CHLORINATION AND TESTING OF NEW WATER SYSTEM	L.S.	L.S.	0.00	2035.00	0.00	435.00	0.00	10000.00	0.00	300.00	0.00	3200.00	0.00	2000.00
624.9020	CONNECTION TO EXISTING 16-INCH WATER (0+19 16-INCH WATER)	L.S.	L.S.	0.00	265.00	0.00	1200.00	0.00	25000.00	0.00	730.00	0.00	1900.00	0.00	2000.00
624.9030	CONNECTION TO EXISTING 16-INCH WATER +83 16-INCH WATER)	L.S.	L.S.	0.00	265.00	0.00	1200.00	0.00	25000.00	0.00	730.00	0.00	2400.00	0.00	2000.00
624.9040	CONNECTION TO EXISTING 16-INCH WATER (0+00 8-INCH WATER)	L.S.	L.S.	0.00	300.00	0.00	780.00	0.00	15000.00	0.00	1220.00	0.00	3000.00	0.00	4000.00
624.9050	CONNECTION TO EXISTING 6-INCH WATER (0+15 8-INCH WATER)	L.S.	L.S.	0.00	250.00	0.00	780.00	0.00	10000.00	0.00	355.00	0.00	700.00	0.00	1000.00
625.0010	CUTTING AND PLUGGING EXISTING SEWER LATERAL	F.A.	F.A.	0.00	500.00	0.00	500.00	0.00	500.00	0.00	500.00	0.00	500.00	0.00	500.00
625.0100	HOUSE SEWER CONNECTION	F.A.	F.A.	0.00	1500.00	0.00	1500.00	0.00	1500.00	0.00	1500.00	0.00	1500.00	0.00	1500.00
625.0101	6-INCH X 4-INCH CAST IRON REDUCER	1.	EACH	85.00	85.00	130.00	130.00	500.00	500.00	100.00	100.00	40.25	40.25	100.00	100.00
625.0200	BED COURSE MATERIAL FOR SEWER PIPE	2.	CU YD	46.00	92.00	70.00	140.00	500.00	1000.00	40.00	80.00	30.00	60.00	50.00	100.00
625.2000	6-INCH VITRIFIED CLAY SEWER PIPE	36.	LIN FT	19.30	694.80	28.00	1008.00	50.00	1800.00	12.00	432.00	17.00	612.00	20.00	720.00
625.2800	REINFORCED CONCRETE JACKET FOR 6-INCH VITRIFIED CLAY SEWER PIPE	25.	LIN FT	27.00	675.00	40.00	1000.00	50.00	1250.00	35.00	875.00	50.00	1250.00	60.00	1500.00
625.2810	REINFORCED CONCRETE JACKET FOR 8-INCH VITRIFIED CLAY SEWER PIPE	49.	LIN FT	31.00	1519.00	50.00	2450.00	60.00	2940.00	45.00	2205.00	50.00	2450.00	75.00	3675.00
627.0500	RESTORATION OF EXISTING CITY STREETS AND OTHER IMPROVEMENTS (WATER SYSTEM)	130.	SQ FT	12.00	1560.00	20.00	2600.00	30.00	3900.00	10.00	1300.00	25.00	3250.00	8.00	1040.00
627.0605	RESTORATION OF EXISTING PRIVATE IMPROVEMENTS (SEWER SYSTEM)	50.	SQ FT	9.00	450.00	15.00	750.00	20.00	1000.00	10.00	500.00	30.00	1500.00	40.00	2000.00
629.1011	4-INCH PAVEMENT STRIPING (TAPE)	12910.	LIN FT	1.67	21559.70	1.60	20656.00	1.50	19365.00	1.60	20656.00	1.80	23238.00	2.50	32275.00
629.1012	8-INCH PAVEMENT STRIPING (TAPE)	175.	LIN FT	3.30	577.50	3.20	560.00	3.00	525.00	3.20	560.00	3.60	630.00	4.00	700.00
629.1013	12-INCH PAVEMENT STRIPING (TAPE)	190.	LIN FT	5.00	950.00	4.80	912.00	4.50	855.00	4.70	893.00	5.40	1026.00	7.00	1330.00
629.1014	DOUBLE 4-INCH PAVEMENT STRIPING (TAPE)	270.	LIN FT	3.45	931.50	3.50	945.00	3.00	810.00	3.20	864.00	3.70	999.00	4.00	1080.00

PROJECT - LIKELIKE HIGHWAY IMPROVEMENTS,
VICINITY OF KULA KOLEA DRIVE TO
VICINITY OF KALIHI STREET
PROJECT NOS. FAP F-063-1(16) AND FAP F-063-1(17)
TYPE CODES 1000, Y060, Y030, Y031, Y080, X081, CENG
ISLAND - OAHU

DATES ADVERTISED - HONOLULU ADVERTISER
JANUARY 23, 25, 28, 1985
BID OPENED - FEBRUARY 21, 1985
COMPLETION TIME - TWO HUNDRED FIFTY (250) WORKING DAYS

ITEM NO.	ITEM	QUANTITY	UNIT	E E BLACK LTD		ROYAL CONTRACTING CO LTD		KASLER CORPORATION		OKADA TRUCKING CO LTD		HAITSUKA BROTHERS LTD		STATE OF HAWAII	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.1016	PAVEMENT STRIPING (PAINT)	3395.	LIN FT	.23	780.85	.40	1358.00	.20	679.00	.22	746.90	.25	848.75	.40	1358.00
629.1020	CROSSWALK MARKING (PAINT)	43.	LANE	83.00	3569.00	80.00	3440.00	80.00	3440.00	78.00	3354.00	90.00	3870.00	200.00	8600.00
629.1030	PAVEMENT ARROWS (TAPE)	17.	EACH	189.00	3213.00	180.00	3060.00	180.00	3060.00	178.00	3026.00	200.00	3400.00	300.00	5100.00
629.2010	TYPE A PAVEMENT MARKERS	1260.	EACH	2.90	3654.00	2.80	3528.00	2.70	3402.00	2.70	3402.00	3.10	3906.00	3.00	3780.00
629.2030	TYPE C PAVEMENT MARKERS	476.	EACH	3.90	1856.40	4.00	1904.00	3.75	1785.00	3.70	1761.20	4.25	2023.00	5.50	2618.00
629.2040	TYPE D PAVEMENT MARKERS	19.	EACH	4.50	85.50	5.00	95.00	4.00	76.00	4.20	79.80	5.00	95.00	4.00	76.00
629.2070	TYPE H PAVEMENT MARKERS	183.	EACH	4.00	732.00	4.00	732.00	4.00	732.00	3.80	695.40	4.00	732.00	6.00	1098.00
633.1000	RECONSTRUCTED GUARD RAIL, TYPE 3 - SINGLE	325.	LIN FT	8.00	2600.00	12.00	3900.00	12.00	3900.00	12.00	3900.00	13.00	4225.00	25.00	8125.00
633.1010	RECONSTRUCTED GUARD RAIL, TYPE 3 - SINGLE W/9TH RUBRAIL	50.	LIN FT	10.00	500.00	40.00	2000.00	40.00	2000.00	38.00	1900.00	45.00	2250.00	35.00	1750.00
633.2010	RECONSTRUCTED GUARD RAIL, TYPE 3 - DOUBLE WITH RUBRAIL	650.	LIN FT	12.00	7800.00	17.00	11050.00	16.00	10400.00	16.00	10400.00	19.00	12350.00	45.00	29250.00
633.5000	SALVAGING GUARD RAIL, TYPE 3 - SINGLE OR DOUBLE	2108.	LIN FT	7.65	16126.20	5.00	10540.00	4.50	9486.00	4.50	9486.00	5.00	10540.00	15.00	31620.00
634.0100	EXPLORATORY WORK AT STRUCTURE FOOTINGS	F.A.	F.A.	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00
636.2000	MAINTENANCE OF FIELD OFFICE AND PROJECT SITE LABORATORY	F.A.	F.A.	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00
636.3000	REMOVAL OF FIELD OFFICE AND PROJECT SITE LABORATORY (NOT TO EXCEED \$2,500)	L.S.	L.S.	0.00	2500.00	0.00	500.00	0.00	2000.00	0.00	2500.00	0.00	2500.00	0.00	2500.00
639.0101	TEMPORARY PROJECT WATER POLLUTION CONTROL FOR F-063-1(16)	F.A.	F.A.	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00
639.0102	TEMPORARY PROJECT WATER POLLUTION CONTROL FOR F-063-1(17)	F.A.	F.A.	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00
641.0100	HYDRO-MULCH SEEDING	52000.	SQ FT	.39	20280.00	.25	13000.00	.35	18200.00	.37	19240.00	.40	20800.00	.20	10400.00
645.1001	TRAFFIC CONTROL FOR F-063-1(16)	F.A.	F.A.	0.00	40000.00	0.00	40000.00	0.00	40000.00	0.00	40000.00	0.00	40000.00	0.00	40000.00
645.1002	TRAFFIC CONTROL FOR F-063-1(17)	F.A.	F.A.	0.00	40000.00	0.00	40000.00	0.00	40000.00	0.00	40000.00	0.00	40000.00	0.00	40000.00
650.1000	WHEELCHAIR RAMP, TYPE A	3.	EACH	108.95	326.85	545.00	1635.00	1000.00	3000.00	220.00	660.00	165.00	495.00	1000.00	3000.00
650.2000	WHEELCHAIR RAMP, TYPE B	3.	EACH	202.70	608.10	580.00	1740.00	1000.00	3000.00	380.00	1140.00	245.00	735.00	750.00	2250.00
650.3000	WHEELCHAIR RAMP, TYPE C	5.	EACH	239.60	1198.00	525.00	2625.00	1000.00	5000.00	352.00	1760.00	300.00	1500.00	1000.00	5000.00
650.4000	WHEELCHAIR RAMP, TYPE D	8.	EACH	118.75	950.00	545.00	4360.00	1000.00	8000.00	415.00	3320.00	180.00	1440.00	1000.00	8000.00
651.1000	RECONSTRUCTION OF WEAKENED PAVEMENT AREAS	1785.	SQ YD	57.43	102512.55	35.00	62475.00	30.00	53550.00	27.00	48195.00	60.00	107100.00	65.00	116025.00
652.1000	COLD PLANE EXISTING PAVEMENT	810.	SQ YD	11.00	8910.00	9.00	7290.00	8.00	6480.00	10.00	8100.00	10.00	8100.00	40.00	32400.00
693.1000	INERTIAL BARRIER SYSTEM	8.	EACH	6801.00	54408.00	5010.00	40080.00	5000.00	40000.00	4935.00	39480.00	5600.00	44800.00	8000.00	64000.00
693.1010	INERTIAL BARRIER MODULES (UNASSEMBLED, DELIVER TO 727 KAKOI STREET)	50.	EACH	360.00	18000.00	342.00	17100.00	340.00	17000.00	341.00	17050.00	325.00	16250.00	400.00	20000.00
694.1000	GUARD RAIL ENERGY ABSORBING TERMINAL IMPACT ATTENUATOR	1.	EACH	20952.00	20952.00	19215.00	19215.00	19000.00	19000.00	19215.00	19215.00	22000.00	22000.00	2500.00	2500.00

PROJECT - LIKELIKE HIGHWAY IMPROVEMENTS, VICINITY OF KULA KOLEA DRIVE TO VICINITY OF KALIHI STREET PROJECT NOS. FAP F-063-1(16) AND FAP F-063-1(17) TYPE CODES 1000, Y060, Y030, Y031, Y080, X081, CENG ISLAND - OAHU				DATES ADVERTISED - HONOLULU ADVERTISER JANUARY 23, 25, 28, 1985 BID OPENED - FEBRUARY 21, 1985 COMPLETION TIME - TWO HUNDRED FIFTY (250) WORKING DAYS											
				E E BLACK LTD		ROYAL CONTRACTING CO LTD		KASLER CORPORATION		OKADA TRUCKING CO LTD		HAITSUKA BROTHERS LTD		STATE OF HAWAII	
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
694.1010	GUARD RAIL ENERGY ABSORBING TERMINAL CARTRIDGE CELLS (UNASSEMBLED, DELIVER TO 727 KAKOI STREET)	6.	EACH	458.00	2748.00	446.00	2676.00	450.00	2700.00	446.00	2676.00	420.00	2520.00	150.00	900.00
698.1000	TRAINING (3 TRAINEES)	2100.	HOURL	.80	1680.00	.80	1680.00	.80	1680.00	.80	1680.00	.80	1680.00	.80	1680.00
699.1001	MOBILIZATION FOR F-063-1(16) (NOT TO EXCEED 3 PER CENT OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM AND ITEM 699.1002)	L.S.	L.S.	0.00	90000.00	0.00	100000.00	0.00	100000.00	0.00	98200.00	0.00	60000.00	0.00	143963.60
699.1002	MOBILIZATION FOR F-063-1(17) (NOT TO EXCEED 3 PER CENT OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM AND ITEM 699.1001)	L.S.	L.S.	0.00	90000.00	0.00	100000.00	0.00	100000.00	0.00	102300.00	0.00	60000.00	0.00	133699.40
	SUM OF ALL ITEMS				3544751.66		3678618.00		3686111.00		4085386.30		4519158.00		4914653.00
I certify that this is a true and correct tabulation of bids opened for this project.															
Lincoln W. Char Project Manager 2-25-85 Date															