

PROJECT - KALAUPAPA LOOKOUT ROAD, KALAE TO PALI LOOKOUT
PROJECT NO. - S-0470(1) & S-0470(2)
TYPE CODE - 5231, R/WU, ROW
ISLAND - MOLOKAI

DATE ADVERTISED - HONOLULU ADVERTISER, SEPT. 30, OCT. 2, 5, 7, AND 9,
1970. MAUI NEWS, OCTOBER 3, AND 7, 1970

BIDS OPENED - OCTOBER 22, 1970
COMPLETION TIME - ONE HUNDRED FORTY (140) WORKING DAYS

				MOSES AKIONA, LIMITED		MARK CONSTRUCTION, INC.		PACIFIC CONTRACTORS, INC.		URBAN CONSTRUCTION, INC.		A. C. CHOCK, LTD.		DILLINGHAM CORPORATION		HI-WAY TRANSPORTATION & CONSTRUCTION CO. LTD.		STEWART-PACIFIC-ERICKSON A JOINT VENTURE		TERRITORIAL CONTRACTORS		HAITSUKA BROTHERS, LTD.		ROYAL CONTR. CO. LTD.				STATE OF HAWAII DEPT. OF TRANSPORTATION	
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT		
203.01	ROADWAY EXCAVATION	112000.00	CU YD	1.61	180320.00	1.45	162400.00	1.40	156800.00	2.08	232960.00	1.55	173600.00	1.20	134400.00	1.47	164640.00	2.00	224000.00	2.25	252000.00	2.75	308000.00	2.69	301280.00			1.65	184800.00
206.01	STRUCTURE EXCAVATION OTHER THAN AT BRIDGES	1392.00	CU YD	9.00	12528.00	6.00	8352.00	11.40	15868.80	11.20	15590.40	18.00	25056.00	16.00	22272.00	9.80	13641.60	16.00	22272.00	8.00	11136.00	14.00	19488.00	6.72	9354.24			6.00	8352.00
206.05	STRUCTURE EXCAVATION FOR WATER SYSTEM	840.00	CU YD	8.00	6720.00	6.00	5040.00	11.00	9240.00	8.90	7476.00	15.00	12600.00	7.50	6300.00	9.46	7946.40	13.00	10920.00	12.50	10500.00	14.00	11760.00	7.84	6585.60			4.00	3360.00
207.01	DITCH AND CHANNEL EXCAVATION	911.00	CU YD	5.00	4555.00	5.00	4555.00	4.70	4281.70	6.60	6012.60	12.00	10932.00	6.00	5466.00	11.38	10367.18	8.00	7288.00	5.50	5010.50	7.00	6377.00	6.72	6121.92			8.00	7288.00
304.22	CINDER AGGREGATE BASE	10600.00	CU YD	4.31	45686.00	6.00	63600.00	9.90	104940.00	5.80	61480.00	8.00	84800.00	11.50	121900.00	10.54	111724.00	8.50	90100.00	9.00	95400.00	7.50	79500.00	8.81	93386.00			8.00	84800.00
401.10A	ASPHALT CONCRETE PAVEMENT, MIX NO. 111 AND MIX NO. V	23900.00	SO YD	4.40	105160.00	4.00	95600.00	4.25	101575.00	4.00	95600.00	4.40	105160.00	5.25	125475.00	5.11	122129.00	4.25	101575.00	4.45	106355.00	4.30	102770.00	4.48	107072.00			3.95	94405.00
406.30A	PENETRATION MACADAM, (THREE APPLICATION)	23900.00	SO YD	2.60	62140.00	3.50	83650.00	5.10	121890.00	3.75	89625.00	5.00	119500.00	6.00	143400.00	6.40	152960.00	5.00	119500.00	5.25	125475.00	7.40	176860.00	5.25	125475.00			3.95	94405.00
408.01	MC-30 LIQUID ASPHALT FOR PRIME COAT	9500.00	GAL	.60	5700.00	.50	4750.00	.55	5225.00	.55	5225.00	.50	4750.00	.60	5700.00	.64	6080.00	.60	5700.00	.55	5225.00	.53	5035.00	.56	5320.00			.50	4750.00
409.30	MC-800 LIQUID ASPHALT FOR SEAL COAT	5000.00	GAL	1.10	5500.00	1.00	5000.00	1.07	5350.00	1.10	5500.00	1.00	5000.00	1.25	6250.00	1.28	6400.00	1.00	5000.00	1.10	5500.00	1.05	5250.00	1.12	5600.00			.50	2500.00
409.61	COVER COAT MATERIAL, SIZE NO. 8, FOR SEAL COAT	140.00	TON	20.00	2800.00	40.00	5600.00	45.00	6300.00	43.30	6062.00	45.00	6300.00	50.00	7000.00	49.86	6980.40	40.00	5600.00	43.00	6020.00	41.30	5782.00	43.68	6115.20			30.00	4200.00
411.10	6-INCH REINFORCED CONCRETE PAVEMENT	35.00	SQ YD	18.00	630.00	12.00	420.00	15.00	525.00	15.00	525.00	20.00	700.00	19.00	665.00	16.90	591.50	20.00	700.00	21.35	747.25	16.00	560.00	15.46	541.10			13.50	472.50
503.001	CONCRETE OTHER THAN IN BRIDGES	69.00	CU YD	134.00	9246.00	122.00	8418.00	154.00	10626.00	158.65	10946.85	200.00	13800.00	185.00	12765.00	225.00	15525.00	220.00	15180.00	200.00	13800.00	190.00	13110.00	145.60	10046.40			105.00	7245.00
503.201	CLASS B CONCRETE OTHER THAN IN BRIDGES	10.00	CU YD	109.00	1090.00	100.00	1000.00	89.00	890.00	143.20	1432.00	180.00	1800.00	135.00	1350.00	120.00	1200.00	200.00	2000.00	130.00	1300.00	175.00	1750.00	134.40	1344.00			90.00	900.00
602.101	REINFORCING STEEL OTHER THAN IN BRIDGES	5124.00	LB	1.00	5124.00	.25	1281.00	.35	1793.40	.45	2305.80	.30	1537.20	.50	2562.00	.83	4252.92	.50	2562.00	.50	2562.00	.35	1793.40	.45	2305.80			.40	2049.60
603.0010	BED COURSE MATERIAL FOR CULVERT	300.00	CU YD	15.00	4500.00	10.00	3000.00	10.00	3000.00	5.50	1650.00	24.00	7200.00	15.00	4500.00	22.70	6810.00	14.00	4200.00	11.00	3300.00	20.00	6000.00	8.59	2577.00			15.00	4500.00
603.2636	50-INCH X 31-INCH CORRUGATED METAL PIPE-ARCH NO. 12 GAGE	34.00	LIN FT	45.00	1530.00	25.00	850.00	38.00	1292.00	52.60	1788.40	35.00	1190.00	40.00	1360.00	25.30	860.20	40.00	1360.00	26.00	884.00	28.00	952.00	23.52	799.68			25.00	850.00
603.3004	66-INCH STRUCTURAL PLATE PIPE NO. 12 GAGE	130.00	LIN FT	35.70	4641.00	55.00	7150.00	51.50	6695.00	49.50	6435.00	46.00	6240.00	60.00	7800.00	64.18	8343.40	52.00	6760.00	51.00	6630.00	50.00	6600.00	57.46	7469.80			65.00	8450.00
603.3052	66-INCH STRUCTURAL PLATE PIPE NO. 10 GAGE	64.00	LIN FT	52.00	3328.00	60.00	3840.00	58.00	3712.00	56.50	3616.00	62.50	4000.00	65.00	4160.00	73.63	4712.32	60.00	3840.00	62.00	3968.00	55.00	3840.00	64.51	4128.64			71.00	4544.00
603.3112	66-INCH STRUCTURAL PLATE PIPE NO. 8 GAGE	72.00	LIN FT	56.55	4071.60	65.00	4680.00	65.00	4680.00	64.50	4644.00	70.00	5040.00	70.00	5040.00	81.43	5862.96	66.00	4752.00	72.00	5184.00	63.00	4536.00	71.68	5160.96			72.00	5184.00
603.3252	66-INCH STRUCTURAL PLATE PIPE NO. 5 GAGE	108.00	LIN FT	66.85	7219.80	75.00	8100.00	78.00	8424.00	77.90	8413.20	82.50	8910.00	80.00	8640.00	106.20	11469.60	80.00	8640.00	92.00	9936.00	78.00	8424.00	83.78	9048.24			88.00	9504.00
603.6260	54-INCH CORRUGATED METAL PIPE NO. 10 GAGE OR 54-INCH REINFORCED CONCRETE PIPE, CLASS III	198.00	LIN FT	40.00	7920.00	50.00	9900.00	42.00	8316.00	40.35	7989.30	49.00	9702.00	42.00	8316.00	43.58	8628.84	51.00	10098.00	42.00	8316.00	41.00	8118.00	38.08	7539.84			30.00	5940.00
603.7220	24-INCH CORRUGATED METAL PIPE NO. 12 GAGE OR 24-INCH REINFORCED CONCRETE PIPE, CLASS III OR 24-INCH ASBESTOS CEMENT PIPE, CLASS III	198.00	LIN FT	14.20	2811.60	20.00	3960.00	14.00	2772.00	15.90	3148.20	19.00	3762.00	15.00	2970.00	15.50	3069.00	20.00	3960.00	14.50	2871.00	17.00	3366.00	15.68	3104.64			12.50	2475.00
603.7240	24-INCH CORRUGATED METAL PIPE NO. 10 GAGE OR 24-INCH REINFORCED CONCRETE PIPE, CLASS III OR 24-INCH ASBESTOS CEMENT PIPE, CLASS III	160.00	LIN FT	16.30	2608.00	25.00	4000.00	18.00	2880.00	18.70	2992.00	21.00	3360.00	18.00	2880.00	19.95	3192.00	22.00	3520.00	18.75	3000.00	19.00	3040.00	17.92	2867.20			14.50	2320.00
603.7340	30-INCH CORRUGATED METAL PIPE NO. 12 GAGE OR 30-INCH REINFORCED CONCRETE PIPE, CLASS III OR 30-INCH ASBESTOS CEMENT PIPE, CLASS III	488.00	LIN FT	17.65	8613.20	30.00	14640.00	17.00	8296.00	18.05	8808.40	22.00	10736.00	17.00	8296.00	18.25	8900.00	24.00	11712.00	17.50	8540.00	20.00	9760.00	18.46	9018.24			15.50	8734.00
604.202	TYPE B CAST IRON FRAME AND COVER	3.00	EACH	180.00	540.00	116.00	348.00	104.00	312.00	171.30	513.90	200.00	600.00	190.00	570.00	122.00	366.00	250.00	750.00	145.00	435.00	175.00	525.00	148.96	446.88			90.00	270.00
604.236	TYPE 61614 STEEL FRAME AND GRATE	1.00	EACH	500.00	500.00	500.00	500.00	495.00	495.00	495.00	495.00	700.00	700.00	500.00	500.00	500.00	500.00	700.00	525.00	525.00	550.00	550.00	560.00	560.00			950.00	950.00	

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				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
604.238	TYPE 61214 STEEL FRAME AND GRATE	1.00	EACH	500.00	500.00	500.00	500.00	495.00	495.00	498.00	498.00	700.00	700.00	500.00	500.00	500.00	500.00	700.00	700.00	525.00	525.00	550.00	550.00	560.00	560.00	950.00	950.00
606.310	GUARD RAIL, TYPE 3 - SINGLE	1240.00	LIN FT	7.50	9300.00	7.50	9300.00	8.15	10106.00	8.25	10230.00	8.00	9920.00	9.00	11160.00	9.55	11842.00	10.00	12400.00	8.30	10292.00	7.90	9796.00	8.34	10341.60	8.50	10540.00
607.006	4-FEET CHAIN LINK FENCE WITH CONCRETE FOOTINGS	435.00	LIN FT	4.00	1740.00	3.00	1305.00	4.00	1740.00	3.66	1592.10	5.00	2175.00	4.40	1914.00	4.65	2022.75	7.00	3045.00	4.05	1761.75	3.85	1674.75	4.09	1779.15	5.00	2175.00
607.540	STANDARD WIRE FENCE WITH REDWOOD POSTS	9027.00	LIN FT	2.00	18054.00	1.20	10832.40	1.75	15797.25	1.28	11554.56	2.00	18054.00	2.00	18054.00	2.15	19408.05	2.00	18054.00	1.85	16699.95	2.75	24824.25	1.86	16790.22	1.60	14443.20
607.550	WOOD FENCE WITH WOOD POSTS	250.00	LIN FT	5.00	1250.00	3.00	750.00	4.10	1025.00	2.35	587.50	6.00	1500.00	4.50	1125.00	4.67	1167.50	6.00	1500.00	4.00	1000.00	4.84	1210.00	3.96	995.00	2.40	600.00
607.700	12-FEET CATTLE GATE	2.00	EACH	200.00	400.00	250.00	500.00	300.00	600.00	190.00	380.00	500.00	1000.00	350.00	700.00	350.00	700.00	305.00	610.00	300.00	600.00	308.00	616.00	200.00	400.00	400.00	400.00
607.710	RELOCATE EXISTING CATTLE GATE	3.00	EACH	100.00	300.00	80.20	240.60	105.00	315.00	85.00	255.00	200.00	400.00	125.00	250.00	130.00	260.00	150.00	300.00	110.00	220.00	100.00	200.00	112.00	224.00	100.00	200.00
609.206	CURB, TYPE 2D	210.00	LIN FT	4.00	840.00	3.00	630.00	5.00	1050.00	6.05	1270.50	8.00	1680.00	4.50	945.00	6.80	1428.00	5.50	1155.00	5.40	1134.00	8.00	1680.00	5.06	1062.60	4.00	840.00
609.230B	GUTTER, TYPE 2(61614)	1920.00	LIN FT	4.00	7680.00	4.00	7680.00	4.70	9024.00	4.40	8448.00	5.00	9600.00	6.00	11520.00	6.62	12710.40	5.00	9600.00	5.80	11328.00	5.90	11328.00	4.78	9177.60	5.00	9600.00
609.232C	GUTTER, TYPE 2(61215)	7223.00	LIN FT	5.10	36837.30	4.00	28892.00	7.50	54172.50	6.40	46227.20	7.00	50561.00	7.50	54172.50	6.92	49963.16	6.00	43338.00	6.45	46588.35	7.80	56339.40	6.46	46660.58	6.00	43338.00
609.234D	GUTTER, TYPE 2(61214)	459.00	LIN FT	4.00	1836.00	4.00	1836.00	5.80	2662.20	5.15	2363.85	8.00	3672.00	7.00	3213.00	8.75	4016.25	5.00	2295.00	8.30	3609.70	6.00	2754.00	5.25	2409.75	5.00	2295.00
609.700B	GUTTER, TYPE 7(61614)	1920.00	LIN FT	4.10	7872.00	5.00	9600.00	3.90	7488.00	4.65	8928.00	4.50	8640.00	4.75	9120.00	4.80	9216.00	4.25	8160.00	4.00	7680.00	3.70	7104.00	6.27	12038.40	5.00	9600.00
609.702C	GUTTER, TYPE 7(61215)	7223.00	LIN FT	5.23	37776.29	5.00	36115.00	7.15	51644.45	7.25	52366.75	6.20	44782.60	7.00	50561.00	6.65	48032.95	5.00	36115.00	6.15	44421.45	6.40	46227.20	7.56	54605.88	6.00	43338.00
609.704D	GUTTER, TYPE 7(61214)	459.00	LIN FT	4.10	1881.90	5.00	2295.00	5.35	2455.65	5.50	2524.50	7.00	3213.00	6.00	2754.00	5.50	2524.50	4.00	1836.00	5.60	2570.40	4.30	1973.70	6.27	2877.93	5.00	2295.00
612.01	GROUTED RUBBLE PAVING	6.00	CU YD	80.00	480.00	70.00	420.00	101.00	606.00	68.35	410.10	70.00	420.00	60.00	360.00	83.00	498.00	150.00	900.00	90.00	540.00	110.00	660.00	76.53	459.18	65.00	390.00
614.01	STANDARD C AND C STREET SURVEY MONUMENTS	18.00	EACH	100.00	1800.00	100.00	1800.00	82.00	1476.00	104.00	1872.00	150.00	2700.00	100.00	1800.00	135.00	2430.00	220.00	3960.00	95.00	1710.00	110.00	1980.00	78.40	1411.20	150.00	2700.00
618.01	SODDING SURFACES	2200.00	SQ YD	.60	1320.00	1.00	2200.00	3.60	7920.00	.65	1430.00	1.20	2640.00	2.00	4400.00	3.45	7590.00	3.00	6600.00	1.80	3960.00	.95	2090.00	4.03	8866.00	.50	1100.00
621.40	REFLECTOR MARKER	21.00	EACH	5.00	105.00	5.00	105.00	5.00	105.00	16.65	349.65	4.00	84.00	19.00	399.00	19.20	403.20	15.00	315.00	16.50	346.50	3.00	63.00	16.80	352.80	15.00	315.00
621.41	REFLECTOR MARKER WITH POST	56.00	EACH	15.00	840.00	20.00	1120.00	14.50	812.00	9.55	534.80	25.00	1400.00	23.00	1288.00	23.65	1324.40	25.00	1400.00	20.00	1120.00	21.00	1176.00	20.72	1160.32	22.00	1232.00
621.50	REGULATORY AND WARNING SIGN	2.00	EACH	50.00	100.00	30.00	60.00	16.00	32.00	72.15	144.30	25.00	50.00	80.00	160.00	83.00	166.00	75.00	150.00	72.00	144.00	15.00	30.00	72.80	145.60	60.00	1200.00
621.51	REGULATORY AND WARNING SIGN WITH POST	16.00	EACH	100.00	1600.00	60.00	960.00	71.00	1136.00	86.60	1385.60	75.00	1200.00	95.00	1520.00	100.00	1600.00	100.00	1600.00	86.00	1376.00	55.00	880.00	87.36	1397.76	130.00	2080.00
624.1001	FURNISHING AND INSTALLING 4-INCH CAST IRON PIPE	140.00	LIN FT	6.00	840.00	5.00	700.00	4.20	588.00	5.10	714.00	6.00	840.00	5.00	700.00	9.10	1274.00	7.00	980.00	10.00	1400.00	6.00	840.00	6.72	940.80	4.00	560.00
624.1640	FURNISHING AND INSTALLING CAST IRON FITTINGS	200.00	LB	1.00	200.00	.50	100.00	.80	160.00	1.25	250.00	1.00	200.00	2.00	400.00	1.47	294.00	1.00	200.00	.65	130.00	.85	170.00	1.12	224.00	.50	100.00
624.1820	FURNISHING AND INSTALLING 1-INCH COPPER SERVICE LATERAL WITH TYPE A COPPER SERVICE CONNECTION AND ALL APPURTENANCES OFF NEW MAIN	3.00	EACH	200.00	600.00	150.00	450.00	344.00	1032.00	247.00	741.00	200.00	600.00	500.00	1500.00	507.50	1522.50	500.00	1500.00	380.00	1140.00	500.00	1500.00	145.60	436.80	135.00	405.00
624.1822	FURNISHING AND INSTALLING 1-1/4 INCH COPPER SERVICE LATERAL WITH TYPE B-1 COPPER SERVICE CONNECTION AND ALL APPURTENANCES OFF NEW MAIN	1.00	EACH	250.00	250.00	200.00	200.00	197.00	197.00	384.00	384.00	300.00	300.00	400.00	400.00	427.00	427.00	500.00	500.00	275.00	275.00	550.00	550.00	168.00	168.00	150.00	150.00
624.9110	LOADING, HAULING, UNLOADING, AND INSTALLING 6-INCH CAST IRON PIPE AND APPURTENANCES FROM DWS BASEYARD, KAUNAKAKAI, MOLOKAI	2900.00	LIN FT	4.00	11600.00	2.50	7250.00	1.45	4205.00	3.40	9860.00	2.00	5800.00	3.00	8700.00	4.80	13920.00	2.50	7250.00	5.75	16675.00	2.50	7250.00	5.04	14616.00	2.00	5800.00
624.9120	LOADING, HAULING, UNLOADING, AND INSTALLING 2-1/2 INCH GALVANIZED PIPE FROM DWS BASEYARD, KAUNAKAKAI, MOLOKAI	60.00	LIN FT	2.00	120.00	2.00	120.00	2.00	120.00	1.00	60.00	8.00	480.00	3.50	210.00	7.70	462.00	1.50	90.00	4.00	240.00	2.00	120.00	1.66	100.80	.95	57.00

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BIDS OPENED - OCTOBER 22, 1970
COMPLETION TIME - ONE HUNDRED FORTY (140) WORKING DAYS

ITEM NO.	ITEM	QUANTITY	UNIT	MOSES AKIONA, LIMITED		MARK CONSTRUCTION, INC.		PACIFIC CONTRACTORS, INC.		URBAN CONSTRUCTION, INC.		A. C. CHOCK, LTD.		DILLINGHAM CORPORATION		HI-WAY TRANSPORTATION & CONSTRUCTION CO. LTD.		STEWART-PACIFIC-ERICKSON A JOINT VENTURE		TERRITORIAL CONTRACTORS		HAITSUKA BROTHERS, LTD.		ROYAL CONTR. CO. LTD.		STATE OF HAWAII DEPT. OF TRANSPORTATION	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
624.9210	LOADING, HAULING, UNLOADING, AND INSTALLING 2-1/2 INCH GATE VALVE, S.E., FROM DWS BASEYARD KAUNAKAKAI, MOLOKAI	1.00	EACH	5.00	5.00	30.00	30.00	9.00	9.00	30.00	30.00	50.00	50.00	25.00	25.00	47.30	47.30	20.00	20.00	20.00	20.00	15.00	15.00	33.60	33.60	20.00	20.00
624.9212	LOADING, HAULING, UNLOADING, AND INSTALLING 3-INCH GATE VALVE, S.E., FROM DWS BASEYARD, KAUNAKAKAI, MOLOKAI	1.00	EACH	10.00	10.00	30.00	30.00	17.00	17.00	32.00	32.00	50.00	50.00	25.00	25.00	47.30	47.30	35.00	35.00	20.00	20.00	20.00	20.00	44.80	44.80	20.00	20.00
624.9220	LOADING, HAULING, UNLOADING, AND INSTALLING 4-INCH GATE VALVE, M.J., FROM DWS BASEYARD, KAUNAKAKAI, MOLOKAI	2.00	EACH	15.00	30.00	30.00	60.00	27.00	54.00	40.00	80.00	50.00	100.00	40.00	80.00	59.50	117.00	75.00	150.00	25.00	50.00	25.00	50.00	50.40	100.80	25.00	50.00
624.9222	LOADING, HAULING, UNLOADING, AND INSTALLING 6-INCH GATE VALVE, M.J., FROM DWS BASEYARD, KAUNAKAKAI, MOLOKAI	4.00	EACH	20.00	80.00	50.00	200.00	37.00	148.00	45.00	180.00	50.00	200.00	85.00	340.00	70.00	280.00	150.00	600.00	30.00	120.00	30.00	120.00	56.00	224.00	30.00	120.00
624.9410	LOADING, HAULING, UNLOADING, AND INSTALLING SLIDING VALVE BOX AND COVER FROM DWS BASEYARD, KAUNAKAKAI, MOLOKAI	9.00	EACH	30.00	270.00	50.00	450.00	12.00	108.00	52.00	468.00	100.00	900.00	330.00	2970.00	95.00	854.00	100.00	900.00	60.00	540.00	25.00	225.00	39.20	352.80	30.00	270.00
624.9510	LOADING, HAULING, UNLOADING, AND INSTALLING FIRE HYDRANT WITH BURY FROM DWS BASEYARD, KAUNAKAKAI, MOLOKAI	1.00	EACH	50.00	50.00	100.00	100.00	102.00	102.00	60.00	60.00	300.00	300.00	160.00	160.00	170.00	170.00	250.00	250.00	90.00	90.00	60.00	60.00	106.40	106.40	200.00	200.00
624.9510	RELOCATE EXISTING WATER METER AND BOX	5.00	EACH	30.00	150.00	80.00	400.00	35.00	175.00	45.00	225.00	40.00	200.00	250.00	1250.00	26.00	130.00	100.00	500.00	40.00	200.00	18.00	90.00	67.20	336.00	50.00	250.00
629.20	TYPE B PAVEMENT MARKERS	33.00	EACH	3.50	115.50	3.00	99.00	4.10	135.30	3.60	118.80	5.00	165.00	4.00	132.00	4.80	158.40	4.00	132.00	4.00	132.00	4.00	132.00	4.20	138.60	4.00	132.00
629.40	TYPE D PAVEMENT MARKERS	59.00	EACH	3.50	206.50	3.00	177.00	4.10	241.90	3.45	203.55	5.00	295.00	4.00	236.00	4.80	283.20	4.00	236.00	4.00	236.00	4.00	236.00	4.20	247.80	4.00	236.00
629.50	TYPE E PAVEMENT MARKERS	47.00	EACH	4.00	188.00	3.00	141.00	4.10	192.70	4.05	190.35	5.00	235.00	4.00	188.00	4.80	225.60	4.00	188.00	4.00	188.00	4.50	211.50	4.20	197.40	4.00	188.00
632.10	RESET ROUTE MARKER	2.00	EACH	15.00	30.00	30.00	60.00	14.00	28.00	12.00	24.00	100.00	200.00	20.00	40.00	20.00	40.00	20.00	40.00	16.50	33.00	15.00	30.00	16.80	33.60	10.00	20.00
636.01	FIELD OFFICE		L.S.	0.00	3000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	5913.60	0.00	4000.00
636.02	FIELD LABORATORY		L.S.	0.00	2500.00	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	4032.00	0.00	2000.00
638.01	MOBILIZATION		L.S.	0.00	10000.00	0.00	* 50450.00	0.00	30000.00	0.00	22400.00	0.00	35000.00	0.00	37619.00	0.00	29740.00	0.00	44000.00	0.00	35000.00	0.00	25000.00	0.00	46808.16	0.00	30000.00
639.01	TEMPORARY SOIL EROSION		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	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00
640.10	LINED DRAINAGE DITCH 2-FEET X 1.5 FEET TRAPEZOIDAL	247.00	LIN FT	6.60	1630.20	6.00	1482.00	7.50	1852.50	17.60	4347.20	10.00	2470.00	8.00	1976.00	11.80	2914.60	9.00	2223.00	8.15	2013.05	8.00	1976.00	6.42	1585.74	7.00	1729.00
640.12	LINED DRAINAGE DITCH 2-FEET X 2-FEET TRAPEZOIDAL	1042.00	LIN FT	7.00	7294.00	8.00	8336.00	10.00	10420.00	27.70	28863.40	15.00	15630.00	11.00	11462.00	15.00	15630.00	12.00	12504.00	11.75	12243.50	12.00	12504.00	9.99	10409.58	10.00	10420.00
645.01	CONSTRUCTION AND MAINTENANCE OF SPECIAL DETOURS		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	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00
650.01	PROJECT INFORMATION SIGN (NON-PARTICIPATING)	1.00	EACH	200.00	200.00	100.00	100.00	110.00	110.00	214.00	214.00	300.00	300.00	300.00	300.00	185.00	185.00	600.00	600.00	250.00	250.00	150.00	150.00	448.00	448.00	150.00	150.00
	SUM OF ITEMS				682363.89		719710.00		837736.35		835031.76		876881.80		916290.50		954843.38		920860.00		944370.40		1038816.20		1009811.23		773826.30
							* Item exceeds 6% limitation as stated in sub-section 638.02.																				

PROJECT - KALAUPAPA LOOKOUT ROAD, KALAE TO PALI LOOKOUT
PROJECT NO. - S-0470(1) AND S-0470(2)
TYPE CODE - 5231, R/WU, ROW
ISLAND - MOLOKAI

DATE ADVERTISED - HONOLULU ADVERTISER, SEPTEMBER 30, OCTOBER 2, 5, 7, AND 9, 1970
MAUI NEWS, OCTOBER 3, AND 7, 1970
BIDS OPENED - OCTOBER 22, 1970
COMPLETION TIME - ONE HUNDRED FORTY (140) WORKING DAYS

	MOSES AKIONA LIMITED		MARK CONSTRUCTION, INC.		PACIFIC CONTRACTORS, INC.		URBAN CONSTRUCTION, INC.		A. C. CHOCK, LTD.		DILLINGHAM CORPORATION		HI-WAY TRANSPORTATION AND CONSTRUCTION CO., LTD.		STEWART-PACIFIC-ERICKSON A JOINT VENTURE		TERRITORIAL CONTRACTORS		HAITSUKA BROTHERS, LTD.		ROYAL CONTRACTING CO., LTD.		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	ALTERNATE AMOUNT	AMOUNT	
SUM OF ALL ITEMS (BROUGHT FORWARD)		\$682,363.89		\$719,710.00		\$837,736.35		\$835,031.76		\$876,881.80		\$916,290.50		\$954,843.38		\$920,860.00		\$944,370.40		\$1,038,816.20		\$1,009,811.23			\$773,826.30
ALTERNATES																									
DEDUCT MORE EXPENSIVE SUM OF EACH GROUP																									
GROUP A																									
Item 401.10A	\$105,160.00		\$ 95,600.00		\$101,575.00		\$ 95,600.00		\$105,160.00		\$125,475.00		\$122,129.00		\$101,575.00		\$106,355.00		\$102,770.00		\$107,072.00		\$ 94,405.00		\$ 94,405.00
Item 406.30A	62,140.00		83,650.00		121,890.00		89,625.00		119,500.00		143,400.00		152,960.00		119,500.00		125,475.00		176,860.00		125,475.00		94,405.00		94,405.00
HIGHER AMOUNT OF GROUP		-(105,160.00)		-(95,600.00)		-(121,890.00)		-(95,600.00)		-(119,500.00)		-(143,400.00)		-(152,960.00)		-(119,500.00)		-(125,475.00)		-(176,860.00)		-(125,475.00)			-(94,405.00)
GROUP B																									
Item 609.230B	7,680.00		7,680.00		9,024.00		8,448.00		9,600.00		11,520.00		12,710.40		9,600.00		11,136.00		11,328.00		9,177.60		9,600.00		9,600.00
Item 609.700B	7,872.00		9,600.00		7,488.00		8,928.00		8,640.00		9,120.00		9,216.00		8,160.00		7,680.00		7,104.00		12,038.40		9,600.00		9,600.00
HIGHER AMOUNT OF GROUP		-(7,872.00)		-(9,600.00)		-(9,024.00)		-(8,928.00)		-(9,600.00)		-(11,520.00)		-(12,710.40)		-(9,600.00)		-(11,136.00)		-(11,328.00)		-(12,038.40)			-(9,600.00)
GROUP C																									
Item 609.232C	36,837.30		28,892.00		54,172.50		46,227.20		50,561.00		54,172.50		49,983.16		43,338.00		46,588.35		56,339.40		46,660.58		43,338.00		43,338.00
Item 609.702C	37,776.29		36,115.00		51,644.45		52,366.75		44,782.60		50,561.00		48,032.95		36,115.00		44,421.45		46,227.20		54,605.88		43,338.00		43,338.00
HIGHER AMOUNT OF GROUP		-(37,776.29)		-(36,115.00)		-(54,172.50)		-(52,366.75)		-(50,561.00)		-(54,172.50)		-(49,983.16)		-(43,338.00)		-(46,588.35)		-(56,339.40)		-(54,605.88)			-(43,338.00)
GROUP D																									
Item 609.234D	1,836.00		1,836.00		2,662.20		2,363.85		3,672.00		3,213.00		4,016.25		2,295.00		3,809.70		2,754.00		2,409.75		2,295.00		2,295.00
Item 609.704D	1,881.90		2,295.00		2,455.65		2,524.50		3,213.00		2,754.00		2,524.50		1,836.00		2,570.40		1,973.70		2,877.93		2,295.00		2,295.00
HIGHER AMOUNT OF GROUP		-(1,881.90)		-(2,295.00)		-(2,662.20)		-(2,524.50)		-(3,672.00)		-(3,213.00)		-(4,016.25)		-(2,295.00)		-(3,809.70)		-(2,754.00)		-(2,877.93)			-(2,295.00)
SUB-TOTAL (DEDUCTIBLE ALTERNATES)		\$152,690.19		\$143,610.00		\$187,748.70		\$159,419.25		\$183,333.00		\$212,305.50		\$219,669.81		\$174,733.00		\$187,009.05		\$ 247,281.40		\$ 194,997.21			\$149,638.00
AMOUNT FOR COMPARISON OF BIDS		<u>\$529,673.70</u>		<u>\$576,100.00</u>		<u>\$649,987.15</u>		<u>\$675,612.51</u>		<u>\$693,548.80</u>		<u>\$703,985.00</u>		<u>\$735,173.57</u>		<u>\$746,127.00</u>		<u>\$757,361.35</u>		<u>\$ 791,534.80</u>		<u>\$ 814,814.02</u>			<u>\$624,188.30</u>
I certify that this is a true and correct tabulation of the bids opened for this project.																									
Mike Mann DESIGN ENGINEER 10-30-70 DATE																									