

PROJECT - KAIMU-CHAIN OF CRATERS ROAD
 PROJECT NO. - ER-9(3)
 TYPE CODES - 6201, Y002, Y003, Y005, Y007, Y060, Y080, Y102, Y103
 ISLAND - HAWAII

DATE ADVERTISED - HONOLULU ADVERTISER - NOVEMBER 6, 8 & 13, 1978
 HAWAII TRIBUNE HERALD - NOVEMBER 8 & 13, 1978
 BIDS OPENED - NOVEMBER 30, 1978
 COMPLETION TIME - TWO HUNDRED (200) WORKING DAYS

				YAMADA AND SONS, INC.		JAS. W. GLOVER, LTD.		M. SONOMURA CONTRACTING CO., INC.		ISEMOTO CONTRACTING CO., LTD.		STATE OF HAWAII	
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
203.0100	ROADWAY EXCAVATION	136500.	CU YD	4.00	546000.00	4.70	641550.00	3.90	532350.00	5.00	682500.00	4.00	546000.00
206.2020	STRUCTURE EXCAVATION FOR DRAINAGE SYSTEM	625.	CU YD	15.00	9375.00	26.00	16250.00	29.00	18125.00	45.00	28125.00	25.00	15625.00
206.2040	STRUCTURE EXCAVATION FOR WATER SYSTEM	370.	CU YD	39.80	14726.00	56.00	20720.00	53.00	19610.00	17.00	6290.00	25.00	9250.00
207.0100	DITCH AND CHANNEL EXCAVATION	50.	CU YD	25.00	1250.00	18.00	900.00	10.00	500.00	25.00	1250.00	10.00	500.00
304.1110	AGGREGATE BASE	8300.	CU YD	17.00	141100.00	12.00	99600.00	18.50	153550.00	25.00	207500.00	14.00	116200.00
305.1110	AGGREGATE SUBBASE	15300.	CU YD	14.00	214200.00	11.80	180540.00	16.95	259335.00	17.00	260100.00	8.00	122400.00
401.0300	ASPHALT CONCRETE PAVEMENT, MIX NO. III	5650.	TON	27.40	154810.00	29.35	165827.50	29.70	167805.00	29.50	166675.00	28.00	158200.00
401.0500	ASPHALT CONCRETE PAVEMENT, MIX NO. V	7200.	TON	27.40	197280.00	29.85	214920.00	29.70	213840.00	29.50	212400.00	28.00	201600.00
408.0100	MC-30 LIQUID ASPHALT FOR PRIME COAT	30500.	GAL	.70	21350.00	.668	20374.00	.75	22875.00	.76	23180.00	.75	22875.00
503.0020	CLASS A CONCRETE FOR DRAINAGE SYSTEM	3.	CU YD	400.00	1200.00	600.00	1800.00	450.00	1350.00	600.00	1800.00	300.00	900.00
503.2050	CLASS B CONCRETE FOR WATER SYSTEM	3.	CU YD	150.00	450.00	220.00	660.00	110.00	330.00	200.00	600.00	200.00	600.00
508.0100	CEMENT RUBBLE MASONRY	78.	CU YD	50.00	3900.00	160.00	12480.00	165.00	12870.00	200.00	15600.00	175.00	13650.00
602.1020	REINFORCING STEEL FOR DRAINAGE SYSTEM	68.	LB	2.00	136.00	1.75	119.00	1.00	68.00	2.00	136.00	1.00	68.00
603.0010	BED COURSE MATERIAL FOR CULVERT	70.	CU YD	25.00	1750.00	73.00	5110.00	50.00	3500.00	50.00	3500.00	25.00	1750.00
603.2264	36-INCH CORRUGATED BITUMINOUS COATED METAL PIPE, SHEET THICKNESS, 0.138 INCH	8.	LIN FT	86.70	693.60	120.00	960.00	75.00	600.00	65.00	520.00	65.00	520.00
603.2632	36-INCH X 22-INCH CORRUGATED METAL PIPE-ARCH, SHEET THICKNESS, 0.109 INCH	82.	LIN FT	58.65	4809.30	48.00	3936.00	45.00	3690.00	37.00	3034.00	65.00	5330.00
603.7220	24-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 24-INCH REINFORCED CONCRETE PIPE, CLASS III OR 24-INCH ASBESTOS CEMENT PIPE, CLASS III	328.	LIN FT	45.85	15038.80	35.00	11480.00	35.00	11480.00	33.00	10824.00	50.00	16400.00
603.7360	30-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.138 INCH OR 30-INCH REINFORCED CONCRETE PIPE, CLASS III OR 30-INCH ASBESTOS CEMENT PIPE, CLASS III	68.	LIN FT	77.05	5239.40	50.00	3400.00	45.00	3060.00	45.00	3060.00	60.00	4080.00
603.7460	36-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.138 INCH OR 36-INCH REINFORCED CONCRETE PIPE, CLASS III OR 36-INCH ASBESTOS CEMENT PIPE, CLASS III	90.	LIN FT	86.70	7803.00	65.00	5850.00	60.00	5400.00	57.00	5130.00	65.00	5850.00
604.2330	TYPE 61614 STEEL FRAME AND GRATE	2.	EACH	830.00	1660.00	900.00	1800.00	800.00	1600.00	1000.00	2000.00	600.00	1200.00
607.8190	14-FEET WOOD GATE WITH WOOD POST	4.	EACH	1150.00	4600.00	750.00	3000.00	1090.00	4360.00	1100.00	4400.00	350.00	1400.00
607.9040	HOG WIRE FENCE WITH METAL POST	30500.	LIN FT	3.85	117425.00	3.60	109800.00	4.30	131150.00	4.30	131150.00	3.00	91500.00
612.0100	GROUTED RUBBLE PAVING	23.	CU YD	40.00	920.00	170.00	3910.00	120.00	2760.00	125.00	2875.00	150.00	3450.00
613.0100	CENTERLINE MONUMENTS	15.	EACH	75.00	1125.00	50.00	750.00	75.00	1125.00	75.00	1125.00	100.00	1500.00
619.4500	PLANTING SHRUBS, BOUGANVILLEA SPECTABILIS (PURPL -RED BOUGANVILLEA) 18 TO 24-INCHES HIGH IN ONE- GALLON CAN	122.	EACH	67.25	8204.50	14.50	1769.00	75.00	9150.00	99.00	12078.00	10.00	1220.00

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ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
621.0200	PANEL FOR DESTINATION SIGN	358.	SQ FT	28.00	10024.00	23.00	8234.00	27.00	9666.00	27.00	9666.00	50.00	17900.00
621.1300	BREAKAWAY SIGN POST AND FOUNDATION FOR DESTINATION SIGN	12.	EACH	1031.00	12372.00	750.00	9000.00	980.00	11760.00	968.00	11616.00	500.00	6000.00
621.4100	REFLECTOR MARKER WITH POST	16.	EACH	30.50	488.00	35.00	560.00	29.00	464.00	29.00	464.00	40.00	640.00
621.5100	REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS) WITH POST	24.	EACH	282.00	6768.00	220.00	5280.00	270.00	6480.00	264.00	6336.00	200.00	4800.00
621.6101	TYPE A ROUTE MARKER ASSEMBLY WITH DIRECTIONAL ARROW MARKER	4.	EACH	522.00	2088.00	375.00	1500.00	495.00	1980.00	490.00	1960.00	250.00	1000.00
621.6102	TYPE A ROUTE MARKER ASSEMBLY (TRAILBLAZER)	1.	EACH	522.00	522.00	375.00	375.00	495.00	495.00	490.00	490.00	260.00	260.00
621.6103	TYPE B ROUTE MARKER ASSEMBLY WITH DIRECTIONAL ARROW MARKER	2.	EACH	692.00	1384.00	470.00	940.00	655.00	1310.00	649.00	1298.00	300.00	600.00
621.6104	RESET ROUTE MARKER WITH DIRECTIONAL ARROW	1.	EACH	129.00	129.00	80.00	80.00	125.00	125.00	121.00	121.00	100.00	100.00
621.7500	MILE POST MARKER	3.	EACH	35.00	105.00	35.00	105.00	35.00	105.00	33.00	99.00	40.00	120.00
621.7600	MILE POST MARKER WITH POST	3.	EACH	155.00	465.00	120.00	360.00	150.00	450.00	146.00	438.00	100.00	300.00
621.7700	ROUTE NUMBER PLATE 130	8.	EACH	23.00	184.00	30.00	240.00	21.00	168.00	21.00	168.00	25.00	200.00
621.8000	RELOCATE EXISTING SIGN WITH POST	2.	EACH	129.00	258.00	100.00	200.00	125.00	250.00	121.00	242.00	75.00	150.00
624.1192	FURNISHING AND INSTALLING 8-INCH GATE VALVE (CLASS 250)	3.	EACH	495.00	1485.00	440.00	1320.00	360.00	1080.00	375.00	1125.00	500.00	1500.00
624.1274	FURNISHING AND INSTALLING 1-INCH AIR RELIEF VALV (255 PSI MINIMUM WORKING PRESSURE) AND ALL APPURTENNANCES	1.	EACH	440.00	440.00	350.00	350.00	350.00	350.00	400.00	400.00	300.00	300.00
624.1275	FURNISHING AND INSTALLING BRICK VALVE BOX WITH CAST IRON FRAME AND COVER	4.	EACH	280.00	1120.00	180.00	720.00	250.00	1000.00	150.00	600.00	65.00	260.00
624.1775	FURNISHING AND INSTALLING VALVE MARKER	1.	EACH	100.00	100.00	145.00	145.00	170.00	170.00	80.00	80.00	75.00	75.00
624.9130	FURNISHING AND INSTALLING 8-INCH DUCTILE IRON PIPE	1340.	LIN FT	19.60	26264.00	15.00	20100.00	15.00	20100.00	11.00	14740.00	23.00	30820.00
624.9131	FURNISHING AND INSTALLING 8-INCH 11-1/4 DEGREE BEND, M.J.	1.	EACH	125.00	125.00	120.00	120.00	160.00	160.00	125.00	125.00	110.00	110.00
624.9132	FURNISHING AND INSTALLING 8-INCH 22-1/2 DEGREE BEND, M.J.	2.	EACH	150.00	300.00	125.00	250.00	160.00	320.00	125.00	250.00	110.00	220.00
624.9133	FURNISHING AND INSTALLING 8-INCH SOLID SLEEVE, M. J.	2.	EACH	125.00	250.00	95.00	190.00	140.00	280.00	100.00	200.00	90.00	180.00
624.9134	FURNISHING AND INSTALLING 8-INCH TEE, M.J.	1.	EACH	201.50	201.50	180.00	180.00	245.00	245.00	200.00	200.00	200.00	200.00
629.2040	TYPE D PAVEMENT MARKERS	500.	EACH	4.85	2425.00	3.90	1950.00	4.60	2300.00	4.55	2275.00	4.00	2000.00
629.2070	TYPE H PAVEMENT MARKERS	160.	EACH	4.85	776.00	6.25	1000.00	4.60	736.00	4.55	728.00	4.00	640.00
629.2080	TYPE J PAVEMENT MARKERS	1580.	EACH	2.40	3792.00	2.50	3950.00	2.30	3634.00	2.30	3634.00	3.00	4740.00

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ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
636.0100	FIELD OFFICE (NOT TO EXCEED \$10,000)	L.S.	L.S.	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00
636.1000	PROJECT SITE LABORATORY (NOT TO EXCEED \$6,000)	L.S.	L.S.	0.00	6000.00	0.00	6000.00	0.00	6000.00	0.00	6000.00	0.00	6000.00
639.0100	TEMPORARY PROJECT WATER POLLUTION CONTROL	F.A.	F.A.	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00
649.2000	ADDITIONAL NUMBER PLATE FOR FEDERAL AID MARKER	2.	EACH	57.00	114.00	45.00	90.00	55.00	110.00	53.00	106.00	50.00	100.00
649.3000	FEDERAL AID MARKERS	1.	EACH	106.00	106.00	110.00	110.00	100.00	100.00	100.00	100.00	200.00	200.00
650.1000	RELOCATE EXISTING ROCK TRAIL	F.A.	F.A.	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00
698.1000	TRAINING (2 TRAINEES)	2000.	HOURL	.80	1600.00	.80	1600.00	7.00	14000.00	.80	1600.00	.80	1600.00
699.1000	MOBILIZATION (NOT TO EXCEED 6 PER CENT OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM)	L.S.	L.S.	0.00	22150.00	0.00	83000.00	0.00	85923.00	0.00	75000.00	0.00	86439.00
	SUM OF ALL ITEMS				1594081.10		1692454.50		1767244.00		1942913.00		1526522.00
I certify that this is a true and correct tabulation of bids opened for this project.													
	<i>Alvin A. Jahnke</i> PROJECT MANAGER	12/1/78 DATE											