

PROJECT - HONOKAA-WAIPIO ROAD, CAMP 106 TO WAIPIO LOOKOUT
PROJECT NO. - 240A-01-71, UNIT I
ISLAND - HAWAII

DATE ADVERTISED - HONOLULU ADVERTISER - DEC. 7, 9, & 12, 1977
HAWAII TRIBUNE HERALD - DEC. 9 & 12, 1977
BID OPENED - JAN. 6, 1978
COMPLETION TIME - ONE HUNDRED FORTY (140) WORKING DAYS

ITEM NO.	ITEM	QUANTITY	UNIT	YAMADA AND SONS, INC.		JAS W. GLOVER, LTD.		OKADA TRUCKING CO, LTD.		M SONOMURA CONTRACTING CO, LTD.		ISEMOTO CONTRACTING CO, LTD.		STATE OF HAWAII DEPT. OF TRANSPORTATION LAND	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
203.01	ROADWAY EXCAVATION	94100.	CU YD	2.10	197610.00	2.10	197610.00	2.00	188200.00	2.80	263480.00	4.88	459208.00	4.00	376400.00
206.02	STRUCTURE EXCAVATION FOR DRAINAGE SYSTEM	1700.	CU YD	6.50	11050.00	14.00	23800.00	8.00	13600.00	10.30	17510.00	14.00	23800.00	15.00	25500.00
206.05	STRUCTURE EXCAVATION FOR WATER SYSTEM	155.	CU YD	8.50	1317.50	24.00	3720.00	8.00	1240.00	31.40	4867.00	10.00	1550.00	15.00	2325.00
206.13	STRUCTURE EXCAVATION FOR DRYWELL (DOWN TO 10 FT)	10.	LIN FT	125.00	1250.00	110.00	1100.00	75.00	750.00	90.00	900.00	35.00	350.00	125.00	1250.00
206.14	STRUCTURE EXCAVATION FOR DRYWELL (BEYOND 10 FT)	15.	LIN FT	200.00	3000.00	110.00	1650.00	100.00	1500.00	138.00	2070.00	50.00	750.00	150.00	2250.00
206.70	STRUCTURE BACKFILL FOR STRUCTURAL PLATE CULVERTS	730.	CU YD	20.00	14600.00	18.00	13140.00	20.00	14600.00	14.00	10220.00	29.00	21170.00	20.00	14600.00
207.01	DITCH AND CHANNEL EXCAVATION	1300.	CU YD	4.50	5850.00	5.00	6500.00	6.00	7800.00	10.00	13000.00	15.00	19500.00	9.00	11700.00
304.02	AGGREGATE BASE	3220.	CU YD	10.10	32522.00	13.50	43470.00	12.84	41344.80	16.50	53130.00	20.00	64400.00	15.00	48300.00
305.02	AGGREGATE SUBBASE	10650.	CU YD	8.35	88927.50	9.00	95850.00	12.84	136746.00	13.50	143775.00	15.00	159750.00	10.00	106500.00
310.01	BROOMING OFF	300.	SQ YD	1.00	300.00	.20	60.00	1.00	300.00	1.25	375.00	1.00	300.00	5.00	1500.00
401.05	ASPHALT CONCRETE PAVEMENT, MIX NO. V	2700.	TON	26.20	70740.00	26.50	71550.00	35.00	94500.00	27.50	74250.00	27.55	74385.00	40.00	108000.00
407.01	SS-1 EMULSIFIED ASPHALT FOR BITUMINOUS TACK COAT	45.	GAL	2.50	112.50	1.00	45.00	1.00	45.00	3.00	135.00	2.70	121.50	1.00	45.00
408.01	MC-30 LIQUID ASPHALT FOR PRIME COAT	6280.	GAL	.57	3579.60	.65	4082.00	.60	3768.00	.60	3768.00	.60	3768.00	.80	5024.00
411.01	8-INCH REINFORCED CONCRETE PAVEMENT	60.	CU YD	165.00	9900.00	145.00	8700.00	150.00	9000.00	137.50	8250.00	112.00	6720.00	150.00	9000.00
503.013	CONCRETE CUT-OFF DITCH	100.	CU YD	220.00	22000.00	240.00	24000.00	150.00	15000.00	165.00	16500.00	175.00	17500.00	250.00	25000.00
503.202	CLASS B CONCRETE FOR DRAINAGE SYSTEM	12.	CU YD	95.00	1140.00	400.00	4800.00	150.00	1800.00	350.00	4200.00	300.00	3600.00	140.00	1680.00
508.01	CEMENT RUBBLE MASONRY	390.	CU YD	100.00	39000.00	130.00	50700.00	200.00	78000.00	120.00	46800.00	140.00	54600.00	150.00	58500.00
511.01	DRYWELL COVER STRUCTURE COMPLETE WITH GRATE	1.	EACH	1330.00	1330.00	1900.00	1900.00	2750.00	2750.00	1000.00	1000.00	750.00	750.00	1250.00	1250.00
602.103	REINFORCING STEEL FOR DRAINAGE SYSTEM	350.	LB	.55	192.50	.45	157.50	.75	262.50	1.00	350.00	1.50	525.00	1.20	420.00
603.0010	BED COURSE MATERIAL FOR CULVERT	35.	CU YD	25.00	875.00	18.00	630.00	18.00	630.00	100.00	3500.00	25.00	875.00	20.00	700.00
603.3070	120-INCH STRUCTURAL PLATE PIPE NO. 10 GAGE	304.	LIN FT	190.00	57760.00	200.00	60800.00	177.50	53960.00	197.00	59888.00	200.00	60800.00	150.00	45600.00
603.6002	42-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 42-INCH REINFORCED CONCRETE PIPE, CLASS III	98.	LIN FT	56.30	5517.40	50.00	4900.00	59.43	5824.14	41.25	4042.50	48.00	4704.00	50.00	4900.00
603.6300	60-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.138 INCH OR 54-INCH REINFORCED CONCRETE PIPE, CLASS III	50.	LIN FT	87.80	4390.00	70.00	3500.00	84.08	4204.00	66.25	3312.50	72.00	3600.00	64.00	3200.00
603.7200	24-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.079 INCH OR 24-INCH REINFORCED CONCRETE PIPE, CLASS III OR 24-INCH ASBESTOS CEMENT PIPE, CLASS III	228.	LIN FT	28.95	6600.60	28.00	6384.00	36.33	8283.24	20.20	4605.60	29.00	6612.00	30.00	6840.00
603.7440	36-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 36-INCH REINFORCED CONCRETE PIPE, CLASS III OR 36-INCH ASBESTOS CEMENT PIPE, CLASS III	222.	LIN FT	43.00	9546.00	45.00	9990.00	50.92	11304.24	34.00	7548.00	42.00	9324.00	40.00	8880.00
604.243	TYPE C CAST IRON FRAME AND GRATE	3.	EACH	440.65	1321.95	200.00	600.00	600.00	1800.00	450.00	1350.00	500.00	1500.00	700.00	2100.00

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606.311	GUARD RAIL, TYPE 3 - SINGLE WITH STEEL POST	2125.	LIN FT	14.75	31343.75	15.00	31875.00	15.65	33256.25	14.50	30812.50	14.50	30812.50	17.00	36125.00
613.01	CENTERLINE MONUMENTS	3.	EACH	50.00	150.00	70.00	210.00	50.00	150.00	50.00	150.00	125.00	375.00	100.00	300.00
621.41	REFLECTOR MARKER WITH POST	12.	EACH	19.70	236.40	30.00	360.00	17.80	213.60	20.00	240.00	19.60	235.20	30.00	360.00
621.50	REGULATORY AND WARNING SIGN	1.	EACH	209.00	209.00	100.00	100.00	185.00	185.00	209.00	209.00	209.00	209.00	140.00	140.00
621.51	REGULATORY AND WARNING SIGN WITH POST	7.	EACH	214.50	1501.50	165.00	1155.00	190.00	1330.00	215.00	1505.00	214.00	1498.00	175.00	1225.00
621.55	REGULATORY AND WARNING SIGN (CONSTRUCTION) WITH POST	10.	EACH	280.50	2805.00	225.00	2250.00	245.00	2450.00	250.00	2500.00	275.00	2750.00	40.00	400.00
624.1900	FURNISHING AND INSTALLING 6-INCH DUCTILE IRON PIPE	320.	LIN FT	15.00	4800.00	9.50	3040.00	25.00	8000.00	10.00	3200.00	10.50	3360.00	18.00	5760.00
624.1901	FURNISHING AND INSTALLING 8-INCH STEEL PIPE SLEEVE FOR EXISTING 6-INCH ALUMINUM WATER LINE	80.	LIN FT	15.00	1200.00	13.50	1080.00	35.00	2800.00	22.50	1800.00	30.00	2400.00	15.00	1200.00
624.2900	RELOCATING EXISTING 12-INCH STEEL PIPE	200.	LIN FT	15.00	3000.00	15.00	3000.00	25.00	5000.00	6.00	1200.00	12.00	2400.00	7.00	1400.00
624.2901	RELOCATING EXISTING 6-INCH ALUMINUM PIPE	80.	LIN FT	10.00	800.00	5.00	400.00	10.00	800.00	9.50	760.00	9.00	720.00	7.00	560.00
624.2905	LOWERING EXISTING 4-INCH WATER LINE INCL. CONCRETE JACKET	70.	LIN FT	25.00	1750.00	28.00	1960.00	25.00	1750.00	30.00	2100.00	17.50	1225.00	10.00	700.00
624.9010	FURNISHING AND INSTALLING 6-INCH CAST IRON BEND (11-1/4 DEGREE)	4.	EACH	135.00	540.00	90.00	360.00	50.00	200.00	70.00	280.00	120.00	480.00	30.00	120.00
624.9011	FURNISHING AND INSTALLING 6-INCH CAST IRON BEND (22-1/2 DEGREE)	1.	EACH	135.00	135.00	90.00	90.00	50.00	50.00	70.00	70.00	140.00	140.00	30.00	30.00
626.05	TYPE III BARRICADES WITH SIGNS	1.	EACH	440.00	440.00	380.00	380.00	600.00	600.00	700.00	700.00	800.00	800.00	400.00	400.00
629.40	TYPE D PAVEMENT MARKERS	149.	EACH	3.90	581.10	3.75	558.75	3.85	573.65	3.90	581.10	3.90	581.10	6.00	894.00
629.80	TYPE H PAVEMENT MARKERS	31.	EACH	4.10	127.10	3.80	117.80	3.60	111.60	4.10	127.10	4.00	124.00	6.00	186.00
629.90	TYPE J PAVEMENT MARKERS	666.	EACH	2.10	1398.60	1.70	1132.20	1.90	1265.40	2.10	1398.60	2.00	1332.00	3.00	1998.00
636.01	FIELD OFFICE (NOT TO EXCEED \$12,000)	L.S.	L.S.	0.00	12000.00	0.00	6000.00	0.00	9000.00	0.00	12000.00	0.00	6000.00	0.00	12000.00
636.10	PROJECT SITE LABORATORY (NOT TO EXCEED \$6,000)	L.S.	L.S.	0.00	6000.00	0.00	4000.00	0.00	5000.00	0.00	6000.00	0.00	3000.00	0.00	6000.00
639.01	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	0.00	5000.00
653.01	SLOPE CONTROL PLANTING	161000.	SQ FT	.14	22540.00	.22	35420.00	.30	48300.00	.25	40250.00	.20	32200.00	.15	24150.00
699.01	MOBILIZATION (NOT TO EXCEED 6 PER CENT OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM)	L.S.	L.S.	0.00	10160.00	0.00	41000.00	0.00	55000.00	0.00	40003.10	0.00	25000.00	0.00	55000.00
	SUM OF ALL ITEMS				697150.00		779127.25		878247.42		899713.00		1120804.30		1025412.00
	Engineer: F. Abeshima														
	Date: January 11, 1978														