

PROJECT - KANOELEHUA AVENUE, MAKALIKA ST. TO KAMEHAMEHA AVE.
PROJECT NO. - FEDERAL AID PROJECT NO. F-RF-011-2(13)
TYPE CODES - 6203, Y080, X081, Y007, Y060
ISLAND - HAWAII

DATE ADVERTISED - HONOLULU ADVERTISER - APR. 3, 5, 7, 9 & 11, 1975
HAWAII TRIBUNE HERALD - APR. 7 & 9, 1975
BID OPEN - MAY 1, 1975
COMPLETION TIME - THREE HUNDRED AND FIFTY (350) WORKING DAYS

ITEM NO.	ITEM	QUANTITY	UNIT	M SONOMURA CONTRACTING CO., LTD		JAS W GLOVER, LTD		HOOD CORPORATION		OKADA TRUCKING CO., LTD		STATE OF HAWAII DEPT. OF TRANSPORTATION HIGHWAY DIVISION	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
104.05	CONSTRUCTION AND MAINTENANCE OF DETOURS		F.A.	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00
203.01	ROADWAY EXCAVATION	65104.	CU YD	3.00	195312.00	7.00	455728.00	7.00	455728.00	35.30	2298171.20	2.00	130208.00
206.02	STRUCTURE EXCAVATION FOR DRAINAGE SYSTEM	90270.	CU YD	20.40	1841508.00	24.70	2229669.00	21.00	1895670.00	86.35	7794814.50	12.00	1083240.00
206.20	STRUCTURE EXCAVATION FOR BOX CULVERTS	34.	CU YD	17.00	578.00	33.00	1122.00	45.00	1530.00	186.00	6324.00	9.00	306.00
206.21	STRUCTURE EXCAVATION FOR TRIPLE BOX CULVERT	100.	CU YD	17.00	1700.00	25.00	2500.00	58.00	5800.00	66.00	8800.00	9.00	900.00
206.40	STRUCTURE EXCAVATION FOR RETAINING WALLS	281.	CU YD	23.00	6463.00	30.00	8430.00	43.00	12083.00	82.00	23042.00	10.00	2810.00
206.41	STRUCTURE EXCAVATION FOR OUTLET HEADWALL AT WAILOA RIVER	1185.	CU YD	70.00	82950.00	34.50	40882.50	21.00	24885.00	111.00	131535.00	25.00	29625.00
206.42	STRUCTURE EXCAVATION FOR 16 - INCH D I PIPE	264.	CU YD	17.00	4488.00	45.00	11880.00	24.00	6336.00	106.00	27984.00	30.00	7920.00
206.43	STRUCTURE EXCAVATION FOR 12 - INCH D I PIPE, AIRPORT SERVICE ROAD	160.	CU YD	17.00	2720.00	45.00	7200.00	26.00	4160.00	81.00	12960.00	30.00	4800.00
206.61	STRUCTURE EXCAVATION FOR BRIDGE (FOOTINGS)	1880.	CU YD	22.00	41360.00	24.50	46060.00	23.00	43240.00	89.00	167320.00	10.00	18800.00
206.65	DRILLING AND LOW PRESSURE GROUTING FOR SOIL TREATMENT		F.A.	0.00	15000.00	0.00	15000.00	0.00	15000.00	0.00	15000.00	0.00	15000.00
207.01	DITCH AND CHANNEL EXCAVATION	2807.	CU YD	5.00	14035.00	8.00	22456.00	14.00	39298.00	51.00	143157.00	5.00	14035.00
207.02	DITCH AND CHANNEL EXCAVATION IN WAILOA RIVER	240.	CU YD	55.00	13200.00	50.00	12000.00	16.00	3840.00	72.00	17280.00	20.00	4800.00
301.02	AGGREGATE SUBBASE	13536.	CU YD	10.80	146188.80	11.00	148896.00	12.30	166492.80	16.50	223344.00	12.00	162432.00
304.02	AGGREGATE BASE	363.	CU YD	18.00	6534.00	17.00	6171.00	15.00	5445.00	31.00	11253.00	15.00	5445.00
311.02	AGGREGATE FOR UNTREATED BASE	33299.	TON	14.20	472845.80	12.89	429224.11	22.50	749227.50	20.75	690954.25	20.00	665980.00
311.10	BITUMINOUS BINDER FOR ATB	1660.	TON	96.60	160356.00	87.66	145515.60	105.00	174300.00	94.60	157036.00	160.00	265600.00
401.05	ASPHALT CONCRETE PAVEMENT, MIX NO. V	11017.	TON	19.70	217034.90	17.88	196983.96	21.00	231357.00	24.65	271569.05	35.00	385595.00
408.01	MC-30 LIQUID ASPHALT FOR PRIME COAT	2416.	GAL	2.00	4832.00	.57	1377.12	.70	1691.20	1.10	2657.60	.75	1812.00
503.002	CONCRETE IN DRAINAGE SYSTEM	467.	CU YD	250.00	116750.00	350.00	163450.00	220.00	102740.00	342.00	159714.00	120.00	56040.00
503.020	CONCRETE IN BOX CULVERT	43.	CU YD	250.00	10750.00	265.00	11395.00	325.00	13975.00	370.00	15910.00	250.00	10750.00
503.021	CONCRETE IN TRIPLE BOX CULVERT	109.	CU YD	250.00	27250.00	225.00	24525.00	310.00	33790.00	222.00	24198.00	250.00	27250.00
503.022	CONCRETE IN OUTLET HEADWALL AT WAILOA RIVER	8.	CU YD	250.00	2000.00	350.00	2800.00	300.00	2400.00	187.00	1496.00	150.00	1200.00
503.041	CONCRETE IN TREMIE SLAB	153.	CU YD	205.00	31365.00	75.00	11475.00	175.00	26775.00	133.00	20349.00	130.00	19890.00
503.071	CONCRETE IN BRIDGE (EXCEPT FOOTING)		L.S.	0.00	108000.00	0.00	135000.00	0.00	190000.00	0.00	93480.00	0.00	154250.00
503.072	CONCRETE IN BRIDGE (FOOTING PEDESTAL)		L.S.	0.00	15825.00	0.00	15000.00	0.00	105000.00	0.00	47292.00	0.00	52750.00
504.13	TYPE II PRESTRESSED CONCRETE GIRDERS		L.S.	0.00	66000.00	0.00	65000.00	0.00	75000.00	0.00	99492.00	0.00	36750.00
507.10	METAL BRIDGE RAILING - ONE RAIL ON PARAPET	212.	LIN FT	16.70	3540.40	16.50	3498.00	20.00	4240.00	15.50	3498.00	13.00	2756.00
507.60	CONCRETE RAILING AND END POST	272.	LIN FT	31.00	8432.00	50.00	13600.00	18.00	4896.00	25.00	6800.00	25.00	6800.00
508.01	CEMENT RUBBLE MASONRY	721.	CU YD	140.00	100940.00	85.00	61285.00	155.00	111755.00	100.00	72100.00	110.00	79310.00
602.010	REINFORCING STEEL IN BRIDGES		L.S.	0.00	57100.00	0.00	56540.00	0.00	60000.00	0.00	56540.00	0.00	63000.00
602.020	REINFORCING STEEL IN BOX CULVERTS	7517.	LB	.45	3382.65	.44	3307.48	.57	4284.69	.45	3382.65	.60	4510.20
602.021	REINFORCING STEEL IN TRIPLE BOX CULVERT	28533.	LB	.45	12839.85	.44	12554.52	.57	16263.81	.45	12839.85	.60	17119.80
602.022	REINFORCING STEEL IN OUTLET HDWALL AT WAILOA RIVER	181.	LB	.50	90.50	.50	90.50	.72	130.32	.50	90.50	.60	108.60
602.103	REINFORCING STEEL FOR DRAINAGE SYSTEM	101059.	LB	.50	50529.50	.50	50529.50	.57	57603.63	.50	50529.50	.60	60635.40
603.1010	24-INCH REINFORCED CONCRETE PIPE, CLASS III	811.	LIN FT	25.50	20680.50	22.00	17842.00	22.00	17842.00	23.00	18653.00	20.00	16220.00

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603.1012	30-INCH REINFORCED CONCRETE PIPE, CLASS III	55.	LIN FT	30.70	1688.50	26.00	1430.00	28.00	1540.00	31.00	1705.00	28.00	1540.00
603.1014	36-INCH REINFORCED CONCRETE PIPE, CLASS III	90.	LIN FT	36.50	3285.00	35.00	3150.00	36.00	3240.00	40.00	3600.00	36.00	3240.00
603.1026	72-INCH REINFORCED CONCRETE PIPE, CLASS III	2060.	LIN FT	129.50	266770.00	112.00	230720.00	114.00	234840.00	150.00	321360.00	100.00	206000.00
603.1030	84-INCH REINFORCED CONCRETE PIPE, CLASS III	1484.	LIN FT	153.00	227052.00	150.00	222600.00	150.00	222600.00	197.00	292348.00	134.00	198856.00
603.1034	96-INCH REINFORCED CONCRETE PIPE, CLASS III	5252.	LIN FT	196.00	1029392.00	185.00	971620.00	200.00	1050400.00	269.00	1412788.00	171.00	898092.00
603.1048	24-INCH REINFORCED CONCRETE PIPE, CLASS IV	62.	LIN FT	26.70	1655.40	20.00	1240.00	23.50	1457.00	25.00	1550.00	25.00	1550.00
603.2062	18-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.079 INCH	24.	LIN FT	30.00	720.00	12.00	288.00	16.50	396.00	18.00	432.00	15.00	360.00
603.2066	24-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.079 INCH	75.	LIN FT	19.70	1477.50	16.00	1200.00	21.50	1612.50	24.00	1800.00	20.00	1500.00
603.2611	18-INCH X 11-INCH CORRUGATED METAL PIPE-ARCH, SHEET THICKNESS, 0.109 INCH	314.	LIN FT	15.20	4772.80	15.00	4710.00	15.60	4898.40	16.00	5024.00	17.00	5338.00
603.6543	60-INCH CORRUGATED METAL PIPE, 2-2/3 X 1/2 INCH, SHEET THICKNESS, 0.109 INCH, OR												
	66-INCH CORRUGATED METAL PIPE, 3 X 1 INCH, SHEET THICKNESS, 0.079 INCH, OR												
603.6545	48-INCH REINFORCED CONCRETE PIPE, CLASS III	582.	LIN FT	52.00	30264.00	49.00	28518.00	59.00	34338.00	64.00	37248.00	45.00	26190.00
	78-INCH CORRUGATED METAL PIPE, 3 X 1 INCH, SHEET THICKNESS, 0.079-INCH, OR												
	60-INCH REINFORCED CONCRETE PIPE, CLASS III	308.	LIN FT	65.50	20174.00	64.00	19712.00	72.00	22176.00	96.00	29568.00	80.00	24640.00
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	2260.	LIN FT	19.70	44522.00	16.00	36160.00	20.50	46330.00	23.00	51980.00	20.00	45200.00
603.7201	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, OR												
	24-INCH CAST IN PLACE PIPE	2032.	LIN FT	19.70	40030.40	16.00	32512.00	20.00	40640.00	23.00	46736.00	20.00	40640.00
603.7320	30-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.079 INCH, OR 30-INCH REINFORCED CONCRETE PIPE, CLASS III OR 30-INCH ASBESTOS CEMENT PIPE,												
	CLASS III	265.	LIN FT	23.10	6121.50	20.00	5300.00	26.50	7022.50	31.00	8215.00	28.00	7420.00
603.7441	36-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.079 INCH, OR												
	36-INCH REINFORCED CONCRETE PIPE, CLASS III, OR												
	36-INCH ASBESTOS CEMENT PIPE, CLASS III	124.	LIN FT	26.50	3286.00	24.00	2976.00	32.00	3968.00	40.00	4960.00	34.00	4216.00
603.7582	48-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.079 INCH, OR												
	36-INCH REINFORCED CONCRETE PIPE, CLASS III, OR												
	36-INCH ASBESTOS CEMENT PIPE, CLASS III	503.	LIN FT	31.60	15894.80	31.00	15593.00	38.00	19114.00	40.00	20120.00	42.00	21126.00

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603.9003	102-INCH STRUCTURAL PLATE PIPE, 12-GAGE, OR 96-INCH CORRUGATED METAL PIPE, 3 X 1 INCH, SHEET THICKNESS, 0.079-INCH, OR	3370.	LIN FT	79.00	266230.00	79.00	266230.00	90.00	303300.00	145.00	488650.00	105.00	353850.00
603.9004	72-INCH REINFORCED CONCRETE PIPE, CLASS III 114-INCH STRUCTURAL PLATE PIPE, 12-GAGE, OR 114-INCH CORRUGATED METAL PIPE, 3 X 1 INCH, SHEET THICKNESS, 0.109-INCH, OR	2452.	LIN FT	126.00	308952.00	124.00	304048.00	120.00	294240.00	190.00	465880.00	170.00	416840.00
604.037	84-INCH REINFORCED CONCRETE PIPE, CLASS III TYPE B MANHOLE RISER	97.	LIN FT	27.00	2619.00	180.00	17460.00	175.00	16975.00	150.00	14550.00	200.00	19400.00
604.038	TYPE H MANHOLE RISER	29.	LIN FT	27.00	783.00	110.00	3190.00	185.00	5365.00	236.00	6844.00	210.00	6090.00
604.201	TYPE A CAST IRON FRAME AND COVER	17.	EACH	160.00	2720.00	145.00	2465.00	250.00	4250.00	210.00	3570.00	157.00	2669.00
604.202	TYPE B CAST IRON FRAME AND COVER	10.	EACH	180.00	1800.00	145.00	1450.00	280.00	2800.00	220.00	2200.00	165.00	1650.00
604.230	TYPE Z STEEL FRAME AND GRATE	40.	EACH	320.00	12800.00	510.00	20400.00	400.00	16000.00	396.00	15840.00	300.00	12000.00
604.238	TYPE D STEEL FRAME AND GRATE	5.	EACH	335.00	1675.00	525.00	2625.00	535.00	2675.00	955.00	4775.00	270.00	1350.00
604.239	TYPE E STEEL FRAME AND GRATE	15.	EACH	520.00	7800.00	765.00	11475.00	565.00	8475.00	865.00	12975.00	500.00	7500.00
606.311	GUARD RAIL, TYPE 3 - SINGLE WITH STEEL POST	3925.	LIN FT	14.50	56912.50	14.30	56127.50	16.75	65743.75	14.30	56127.50	10.00	39250.00
606.600	END ANCHORAGE, TYPE 3	12.	EACH	365.00	4380.00	357.50	4290.00	340.00	4080.00	353.00	4236.00	75.00	900.00
608.01	PLAIN CONCRETE SIDEWALK	74.	SQ YD	15.00	1110.00	14.00	1036.00	19.00	1406.00	20.00	1480.00	15.00	1110.00
609.200	CURB, TYPE 2A	2400.	LIN FT	6.00	14400.00	7.50	18000.00	6.10	14640.00	11.70	28080.00	5.00	12000.00
609.240	CURB AND GUTTER, TYPE 2AG	4110.	LIN FT	7.00	28770.00	8.70	35757.00	9.00	36990.00	12.00	49320.00	6.00	24660.00
609.246	CURB AND GUTTER, TYPE 2DG	94.	LIN FT	7.00	658.00	10.00	940.00	8.50	799.00	11.00	1034.00	5.50	517.00
610.04	4-INCH REINFORCED CONCRETE DRIVEWAYS	570.	SQ YD	37.00	21090.00	18.00	10260.00	21.00	11970.00	25.00	14250.00	15.00	8550.00
612.01	GROUTED RUBBLE PAVING	119.	CU YD	90.00	10710.00	90.00	10710.00	130.00	15470.00	120.00	14280.00	100.00	11900.00
613.01	CENTERLINE MONUMENTS	15.	EACH	75.00	1125.00	35.00	525.00	210.00	3150.00	216.00	3240.00	50.00	750.00
617.01	IMPORTED TOPSOIL	14000.	CU YD	12.80	179200.00	7.00	98000.00	5.00	70000.00	14.00	196000.00	10.00	140000.00
618.01	SODDING SURFACES	84000.	SQ YD	1.00	84000.00	.99	83160.00	1.56	131040.00	1.00	84000.00	.50	50400.00
619.450	FURNISHING & PLANTING YELLOW GINGER (MEDYCHUM FLAVUM) 2 SHOOTS, 2 FEET HIGH IN ONE -GALLON CAN	3800.	EACH	6.90	26220.00	6.82	25916.00	3.20	12160.00	6.80	25840.00	6.00	22800.00
619.900	TRANSPLANTING TREES, COCOS NUCIFERA (COCONUT)	4.	EACH	390.00	1560.00	385.00	1540.00	290.00	1160.00	385.00	1540.00	150.00	600.00
621.02	PANEL FOR DESTINATION SIGN	293.	SQ FT	30.00	8790.00	29.70	8702.10	30.00	8790.00	30.00	8790.00	25.00	7325.00
621.03	STREET NAME SIGN	16.	EACH	167.00	2672.00	165.00	2640.00	42.00	672.00	165.00	2640.00	20.00	320.00
621.12	GALVANIZED STEEL POST AND FOUNDATION												
621.40	FOR DESTINATION SIGN	16.	EACH	820.00	13120.00	808.50	12936.00	400.00	6400.00	808.00	12928.00	300.00	4800.00
621.41	REFLECTOR MARKER	19.	EACH	17.00	323.00	16.50	313.50	24.00	456.00	16.50	313.50	22.00	418.00
621.41	REFLECTOR MARKER WITH POST	38.	EACH	24.50	931.00	24.20	919.60	34.00	1292.00	24.00	912.00	28.00	1064.00
621.50	REGULATORY AND WARNING SIGN	9.	EACH	110.00	990.00	110.00	990.00	78.00	702.00	110.00	990.00	130.00	1170.00
621.51	REGULATORY AND WARNING SIGN WITH POST	77.	EACH	155.00	11935.00	154.00	11858.00	180.00	13860.00	154.00	11858.00	140.00	10780.00
621.55	REGULATORY AND WARNING SIGN (CONSTRUCTION) WITH POST	13.	EACH	255.00	3315.00	253.00	3289.00	255.00	3315.00	253.00	3289.00	140.00	1820.00
621.61	TYPE A ROUTE MARKER ASSEMBLY	8.	EACH	145.00	1160.00	143.00	1144.00	245.00	1960.00	143.00	1144.00	200.00	1600.00

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623.03	TRAFFIC SIGNAL SYSTEM DUCT AND PULL BOX IN PLACE	4.	EACH	7850.00	31400.00	2500.00	10000.00	8500.00	34000.00	7700.00	30800.00	500.00	2000.00
624.9000	FURNISHING AND INSTALLING 20-INCH DUCTILE IRON PIPE (CLASS 150)	162.	LIN FT	78.50	12717.00	170.00	27540.00	52.00	8424.00	247.00	40014.00	50.00	8100.00
624.9001	FURNISHING AND INSTALLING 16-INCH DUCTILE IRON PIPE (CLASS 150)	566.	LIN FT	27.00	15282.00	35.00	19810.00	42.00	23772.00	40.00	22640.00	28.00	15848.00
624.9002	FURNISHING AND INSTALLING 12-INCH DUCTILE IRON PIPE (CLASS 150)	66.	LIN FT	25.50	1683.00	120.00	7920.00	32.00	2112.00	220.00	14520.00	30.00	1980.00
624.9003	FURNISHING AND INSTALLING 12-INCH DUCTILE IRON PIPE (CLASS 150) AIRPORT SERVICE ROAD	500.	LIN FT	20.00	10000.00	23.00	11500.00	32.00	16000.00	33.00	16500.00	20.00	10000.00
624.9004	FURNISHING AND INSTALLING 8-INCH DUCTILE IRON PIPE (CLASS 150)	85.	LIN FT	25.00	2125.00	50.00	4250.00	24.00	2040.00	110.00	9350.00	38.00	3230.00
624.9007	LOWER 8-INCH WATER LINE STA 23+35	60.	LIN FT	20.50	1230.00	35.00	2100.00	41.00	2460.00	109.00	6540.00	32.00	1920.00
624.9008	LOWER 8-INCH WATER LINE STA 37+12	120.	LIN FT	20.50	2460.00	35.00	4200.00	35.00	4200.00	147.00	17640.00	20.00	2400.00
624.9009	RAISE 6-INCH WATER LINE STA 42+57	50.	LIN FT	20.50	1025.00	45.00	2250.00	80.00	4000.00	123.00	6150.00	30.00	1500.00
624.9010	RELOCATE FIRE HYDRANT	3.	EACH	350.00	1050.00	650.00	1950.00	500.00	1500.00	3560.00	10680.00	250.00	750.00
624.9011	RAISE 6-INCH WATER LINE, STA 48+81	60.	LIN FT	20.50	1230.00	36.00	2160.00	70.00	4200.00	108.00	6480.00	30.00	1800.00
624.9012	RIASE FIRE HYDRANT, STA 48+81	1.	EACH	350.00	350.00	250.00	250.00	360.00	360.00	732.00	732.00	200.00	200.00
624.9013	RELOCATE 8-INCH GATE VALVE AND VALVE BOX, STA 53+06	1.	EACH	350.00	350.00	140.00	140.00	600.00	600.00	1002.00	1002.00	1050.00	1050.00
624.9014	RELOCATE WATER METER, STA 61+23 AND 61+50	3.	EACH	500.00	1500.00	30.00	90.00	290.00	870.00	372.00	1116.00	600.00	1800.00
624.9015	LOWER 12-INCH WATER LINE, STA 61+23	90.	LIN FT	25.00	2250.00	85.00	7650.00	355.00	31950.00	148.00	13320.00	40.00	3600.00
624.9016	LOWER 2-INCH WATER LINE, STA 61+50	90.	LIN FT	18.00	1620.00	45.00	4050.00	165.00	14850.00	68.00	6120.00	20.00	1800.00
624.9017	LOWER 8-INCH WATER LINE, STA 86+70	40.	LIN FT	20.50	820.00	55.00	2200.00	250.00	10000.00	220.00	8800.00	20.00	800.00
624.9018	RELOCATE 12-INCH GATE VALVE AND VALVE BOX, AIRPORT SERVICE ROAD		L.S.	0.00	800.00	0.00	170.00	0.00	800.00	0.00	1146.00	0.00	600.00
629.10	TYPE A PAVEMENT MARKERS	6210.	EACH	1.30	8073.00	1.25	7762.50	1.45	9004.50	1.25	7762.50	1.60	9936.00
629.30	TYPE C PAVEMENT MARKERS	1035.	EACH	3.35	3467.25	3.30	3415.50	4.20	4347.00	3.30	3415.50	4.80	4968.00
629.80	TYPE H PAVEMENT MARKERS	945.	EACH	2.25	2126.25	3.20	3024.00	3.90	3685.50	3.20	3024.00	5.90	5575.50
632.30	RESET DESTINATION SIGN	2.	EACH	96.00	192.00	94.60	189.20	60.00	120.00	95.00	190.00	60.00	120.00
634.01	EXPLORATORY WORK AT STRUCTURE FOOTINGS		F.A.	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00
636.01	FIELD OFFICE (NOT TO EXCEED \$4,000)		L.S.	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00	0.00	4000.00
638.01	MOBILIZATION (NOT TO EXCEED 6 PER CENT OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM)		L.S.	0.00	60000.00	0.00	410000.00	0.00	200000.00	0.00	242000.00	0.00	350000.00
639.01	TEMPORARY PROJECT WATER POLLUTION CONTROL		F.A.	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00
643.01	STRUCTURE EXCAVATION FOR FUEL LINE	1410.	CU YD	13.00	18330.00	27.00	38070.00	60.00	84600.00	79.00	111390.00	30.00	42300.00
643.02	CUSHION MATERIAL FOR FUEL LINE	340.	CU YD	21.00	7140.00	23.00	7820.00	26.00	8840.00	37.00	12580.00	11.00	3740.00
643.03	CONCRETE JACKET FOR FUEL LINE	10.	LIN FT	10.00	100.00	12.00	120.00	46.00	460.00	33.00	330.00	25.00	250.00
645.01	PORTABLE CONCRETE GUARD RAIL	160.	LIN FT	47.00	7520.00	52.80	8448.00	40.00	6400.00	57.00	9120.00	45.00	7200.00
649.400	ROCK FILL FOR OUTLET HEADWALL AT WAILOA RIVER	301.	CU YD	125.00	37625.00	15.00	4515.00	26.50	7976.50	78.00	23478.00	120.00	36120.00
650.401	FILTER STONES AND FILTER MATERIAL IN BURLAP BAG	108.	CU YD	185.00	19980.00	75.00	8100.00	60.00	6480.00	332.00	35856.00	150.00	16200.00

PROJECT - KANOELEHUA AVENUE, MAKALIKA ST. TO KAMEHAMEHA AVE.
PROJECT NO. - FEDERAL AID PROJECT NO. F-RF-011-2(13)
TYPE CODES - 6203, Y080, X081, Y007, Y060
ISLAND - HAWAII

DATE ADVERTISED - HONOLULU ADVERTISER - APR. 3, 5, 7, 9 & 11, 1975
HAWAII TRIBUNE HERALD - APR. 7 & 9, 1975
BID OPEN - MAY 1, 1975
COMPLETION TIME - THREE HUNDRED AND FIFTY (350) WORKING DAYS

[illegible]

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