

BID TABULATION
PROJECT - KAMEHAMEHA HIGHWAY WIDENING,
AVOCADO STREET TO KILANI AVENUE
FEDERAL AID PROJECT NO. F-080-1(5)
TYPE CODE - 6201
ISLAND OF OAHU

DATE ADVERTISED - HONOLULU ADVERTISER
JUNE 4, 6 & 9, 1980
BIDS OPENED - JUNE 26, 1980
COMPLETION TIME - TWO HUNDRED AND SEVENTY (270) WORKING DAYS

				ROYAL CONTRG CO LTD		HAITSUKA BROS LIMITED		OAHU CONSTR CO LTD.		STATE OF HAWAII	
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
104.0500	CONSTRUCTION AND MAINTENANCE OF DETOURS	F.A.	F.A.	0.00	150000.00	0.00	150000.00	0.00	150000.00	0.00	150000.00
202.0100	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	L.S.	0.00	10000.00	0.00	180000.00	0.00	205750.00	0.00	5000.00
202.0300	REMOVAL OF PORTION OF EXISTING SIDEWALK	L.S.	L.S.	0.00	350.00	0.00	1500.00	0.00	110000.00	0.00	600.00
202.0440	REMOVAL OF PORTION OF BUILDING ON LOT TMK 7-3-04-45	L.S.	L.S.	0.00	8000.00	0.00	3500.00	0.00	20000.00	0.00	3500.00
203.0100	ROADWAY EXCAVATION	16967.	CU YD	12.00	203604.00	25.00	424175.00	63.00	1068921.00	50.00	848350.00
206.1000	STRUCTURE EXCAVATION OTHER THAN AT BRIDGES	5500.	CU YD	25.00	137500.00	35.00	192500.00	39.00	214500.00	75.00	412500.00
206.2040	STRUCTURE EXCAVATION FOR WATER SYSTEM	365.	CU YD	125.00	45625.00	80.00	29200.00	90.00	32850.00	45.00	16425.00
206.2050	STRUCTURE EXCAVATION FOR SEWER SYSTEM	155.	CU YD	110.00	17050.00	72.00	11160.00	77.50	12012.50	65.00	10075.00
206.2085	STRUCTURE EXCAVATION FOR GAS SYSTEM	1138.	LIN FT	12.00	13656.00	14.00	15932.00	17.00	19346.00	7.50	8535.00
206.5000	STRUCTURE EXCAVATION FOR RETAINING WALLS	24.	CU YD	18.00	432.00	43.00	1032.00	85.00	2040.00	50.00	1200.00
304.1110	AGGREGATE BASE	3495.	CU YD	35.00	122325.00	39.00	136305.00	42.00	146790.00	22.00	76890.00
305.1110	AGGREGATE SUBBASE	7730.	CU YD	30.00	231900.00	20.00	154600.00	33.50	258955.00	19.00	146870.00
403.0100	OPEN-GRADED PLANT MIX SEAL	725.	TON	50.00	36250.00	51.00	36975.00	59.00	42775.00	40.00	29000.00
404.0300	RECYCLED ASPHALT CONCRETE PAVEMENT, MIX NO. III	4910.	TON	35.00	171850.00	32.00	157120.00	37.50	184125.00	50.00	245500.00
404.1000	ASPHALT CEMENT FOR RECYCLED ASPHALT CONCRETE PAVEMENT, MIX NO. III	275.	TUN	165.00	45375.00	169.00	46475.00	198.00	54450.00	175.00	48125.00
407.0100	SS-1 EMULSIFIED ASPHALT FOR BITUMINOUS TACK COAT	2900.	GAL	1.00	2900.00	1.00	2900.00	1.15	3335.00	1.50	4350.00
503.0010	CLASS A CONCRETE OTHER THAN IN BRIDGES	193.	CU YD	500.00	96500.00	350.00	67550.00	795.00	153435.00	400.00	77200.00
503.1050	CONCRETE IN RETAINING WALLS	L.S.	L.S.	0.00	5000.00	0.00	11440.00	0.00	7750.00	0.00	7500.00
503.2050	CLASS B CONCRETE FOR WATER SYSTEM	7.	CU YD	350.00	2450.00	390.00	2730.00	189.00	1323.00	500.00	3500.00
503.2060	CLASS B CONCRETE FOR SEWER SYSTEM	3.	CU YD	500.00	1500.00	670.00	2010.00	430.00	1290.00	500.00	1500.00
507.3600	METAL RAILING, INCLUDING HANDRAIL	42.	LIN FT	60.00	2520.00	104.00	4368.00	129.00	5418.00	60.00	2520.00
508.0100	CEMENT RUBBLE MASONRY	10.	CU YD	400.00	4000.00	250.00	2500.00	430.00	4300.00	300.00	3000.00
550.0000	RENOVATION OF STRUCTURE ON LOT TMK 7-4-01-10	F.A.	F.A.	0.00	9600.00	0.00	9600.00	0.00	9600.00	0.00	9600.00
550.0001	RENOVATION AND REHABILITATION OF STRUCTURE ON LOT TMK 7-4-01-12	L.S.	L.S.	0.00	7000.00	0.00	6740.00	0.00	3000.00	0.00	2920.00
550.0002	RENOVATION OF STRUCTURE ON LOT TMK 7-4-03-58	L.S.	L.S.	0.00	5000.00	0.00	9416.00	0.00	20000.00	0.00	6400.00
550.0003	REHABILITATION OF STRUCTURE ON LOT TMK 7-3-04-45	F.A.	F.A.	0.00	2000.00	0.00	2000.00	0.00	2000.00	0.00	2000.00
550.0004	RENOVATION OF STRUCTURE ON LOT TMK 7-3-02-74	L.S.	L.S.	0.00	6500.00	0.00	8880.00	0.00	20000.00	0.00	6120.00
552.0000	CMU (HOLLOW TILE)	16.	SQ FT	50.00	800.00	21.00	336.00	22.50	360.00	100.00	1600.00
602.0050	REINFORCING STEEL IN RETAINING WALLS	L.S.	L.S.	0.00	3000.00	0.00	770.00	0.00	1250.00	0.00	1000.00
602.1000	REINFORCING STEEL OTHER THAN IN BRIDGES	20793.	LB	2.00	41586.00	1.00	20793.00	1.10	22872.30	1.00	20793.00
602.1050	REINFORCING STEEL FOR SEWER SYSTEM	400.	LB	1.50	600.00	1.00	400.00	1.60	640.00	1.00	400.00
603.1010	24-INCH REINFORCED CONCRETE PIPE, CLASS III	14.	LIN FT	40.00	560.00	31.00	434.00	65.00	910.00	30.00	420.00
603.6180	54-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 48-INCH REINFORCED CONCRETE PIPE, CLASS III	464.	LIN FT	74.00	34336.00	64.00	29696.00	102.00	47328.00	60.00	27840.00

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ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
603.6379	66-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 60-INCH REINFORCED CONCRETE PIPE, CLASS III	18.	LIN FT	92.00	3496.00	84.00	3192.00	150.00	5700.00	100.00	3800.00
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	324.	LIN FT	45.00	14580.00	30.00	9720.00	57.00	18468.00	30.00	9720.00
603.7340	30-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 30-INCH REINFORCED CONCRETE PIPE, CLASS III OR 30-INCH ASBESTOS CEMENT PIPE, CLASS III	436.	LIN FT	50.00	21800.00	35.00	15260.00	70.00	30520.00	35.00	15260.00
603.7380	36-INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 30-INCH REINFORCED CONCRETE PIPE, CLASS III OR 30-INCH ASBESTOS CEMENT PIPE, CLASS III	226.	LIN FT	56.00	12656.00	35.00	7910.00	70.00	15820.00	35.00	7910.00
603.7500	42-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	454.	LIN FT	62.00	28148.00	44.00	19976.00	87.00	39498.00	40.00	18160.00
604.0250	BRICK WALL FOR SEWER MANHOLES	12.	LIN FT	220.00	2640.00	124.00	1488.00	380.00	4560.00	175.00	2100.00
604.0370	PRE-CAST CONCRETE STORM DRAIN MANHOLE	9.	LIN FT	100.00	900.00	105.00	945.00	190.00	1710.00	200.00	1800.00
604.0410	STANDARD WATER VALVE BOX	9.	EACH	250.00	2250.00	325.00	2925.00	650.00	5850.00	300.00	2700.00
604.1480	EXISTING WATER MANHOLE TO BE COMPLETELY DEMOLISHED	3.	EACH	250.00	750.00	300.00	900.00	465.00	1395.00	200.00	600.00
604.1500	EXISTING SEWER MANHOLE TO BE COMPLETELY DEMOLISHED	2.	LIN FT	150.00	300.00	300.00	600.00	520.00	1040.00	150.00	300.00
604.2100	TYPE SA CAST IRON FRAME AND COVER FOR SEWER MANHOLE	4.	EACH	400.00	1600.00	250.00	1000.00	450.00	1800.00	225.00	900.00
604.2150	TYPE A CAST IRON FRAME AND COVER	13.	EACH	300.00	3900.00	275.00	3575.00	520.00	6760.00	250.00	3250.00
604.2160	TYPE B CAST IRON FRAME AND COVER	2.	EACH	330.00	660.00	350.00	700.00	790.00	1580.00	250.00	500.00
604.2170	TYPE P CAST IRON FRAME AND COVER	2.	EACH	210.00	420.00	210.00	420.00	520.00	1040.00	250.00	500.00
604.3200	REMOVING, CLEANING, PAINTING, AND REINSTALLING VALVE BOX FRAME AND COVER	1.	EACH	300.00	300.00	220.00	220.00	300.00	300.00	150.00	150.00
604.4270	ADJUSTING WATER MANHOLE FRAME AND COVER	12.	EACH	130.00	1560.00	400.00	4800.00	360.00	4320.00	300.00	3600.00
604.4340	ADJUSTING SEWER MANHOLE FRAME AND COVER	11.	EACH	230.00	2530.00	500.00	5500.00	300.00	3300.00	250.00	2750.00
604.4700	ADJUSTING HTCO MANHOLE FRAME AND COVER	3.	EACH	700.00	2100.00	535.00	1605.00	625.00	1875.00	300.00	900.00

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ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
606.3110	GUARD RAIL, TYPE 3 - SINGLE WITH STEEL POST	279.	LIN FT	50.00	13950.00	28.00	7812.00	40.00	11160.00	26.00	7254.00
606.3120	GUARD RAIL, TYPE 3 - SINGLE WITH PRECAST CONCRET POST	62.	LIN FT	50.00	3100.00	43.00	2666.00	40.00	2480.00	40.00	2480.00
606.7000	TERMINAL SECTION, TYPE BCT	1.	EACH	2600.00	2600.00	2400.00	2400.00	2488.00	2488.00	2000.00	2000.00
608.0200	4-INCH PLAIN CONCRETE SIDEWALK	2070.	SQ YD	20.00	41400.00	17.60	36432.00	28.75	59512.50	19.00	39330.00
609.2010	CURB, TYPE 2A	87.	LIN FT	12.00	1044.00	8.00	696.00	19.25	1674.75	14.00	1218.00
609.2020	CURB, TYPE 2D	1010.	LIN FT	10.50	10605.00	7.70	7777.00	16.70	16867.00	8.50	8585.00
609.2140	GUTTER, TYPE 2G	87.	LIN FT	10.00	870.00	10.00	870.00	16.50	1435.50	15.00	1305.00
609.2720	CURB AND GUTTER, TYPE 2DG	2830.	LIN FT	13.00	36790.00	9.70	27451.00	13.95	39478.50	12.00	33960.00
610.0400	4-INCH REINFORCED CONCRETE DRIVEWAYS	604.	SQ YD	30.00	18120.00	19.60	11838.40	32.35	19539.40	24.00	14496.00
617.0100	IMPORTED TOPSOIL	89.	CU YD	10.00	890.00	21.00	1869.00	36.00	3204.00	27.00	2403.00
618.0100	GRASSED SURFACES	4720.	SQ FT	2.00	9440.00	1.80	8496.00	2.50	11800.00	.60	2832.00
621.5000	REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS)	34.	EACH	100.00	3400.00	101.00	3434.00	117.50	3995.00	150.00	5100.00
621.5100	REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS) WITH POST	17.	EACH	260.00	4420.00	262.00	4454.00	306.00	5202.00	200.00	3400.00
621.8000	ADVANCE STREET NAME SIGN WITH BRACKETS	10.	EACH	230.00	2300.00	225.00	2250.00	262.50	2625.00	300.00	3000.00
621.9000	SERVICE SIGNS WITH BRACKETS	4.	EACH	460.00	1840.00	470.00	1880.00	550.00	2200.00	300.00	1200.00
622.0011	HIGHWAY LIGHTING STANDARD, SINGLE BRACKET, 250 WATT HIGH PRESSURE SODIUM LUMINAIRE, ANCHOR BASE AND FOUNDATION	25.	EACH	3000.00	75000.00	2044.00	51100.00	2390.00	59750.00	1500.00	37500.00
622.0012	HIGHWAY LIGHTING STANDARD, SINGLE BRACKET, 250 WATT HIGH PRESSURE SODIUM LUMINAIRE, SLIP BASE AND FOUNDATION	1.	EACH	3500.00	3500.00	2625.00	2625.00	3100.00	3100.00	1600.00	1600.00
622.0013	HIGHWAY LIGHTING STANDARD, SINGLE BRACKET, 150 WATT HIGH PRESSURE SODIUM LUMINAIRE, SLIP BASE AND FOUNDATION	2.	EACH	3000.00	6000.00	2452.00	4904.00	2900.00	5800.00	1600.00	3200.00
622.5021	1-INCH PVC SCHEDULE 80 CONDUIT FOR HIGHWAY LIGHTING SYSTEM	180.	LIN FT	17.00	3060.00	16.00	2880.00	18.75	3375.00	7.00	1260.00
622.5022	1-INCH PVC SCHEDULE 40 CONDUIT FOR HIGHWAY LIGHTING SYSTEM	2870.	LIN FT	17.00	48790.00	16.00	45920.00	18.75	53812.50	5.00	14350.00
622.5041	NO. 8 AWG CABLE FOR HIGHWAY LIGHTING SYSTEM	5570.	LIN FT	2.00	11140.00	1.10	6127.00	1.25	6962.50	.50	2785.00
622.7001	PULLBOX FOR HIGHWAY LIGHTING SYSTEM	33.	EACH	800.00	26400.00	646.00	21318.00	755.00	24915.00	375.00	12375.00
622.7002	REMOVAL OF WOOD POLE, BRACKET AND LUMINAIRE FOR HIGHWAY LIGHTING SYSTEM	12.	EACH	525.00	6300.00	562.00	6744.00	656.00	7872.00	150.00	1800.00
622.7003	REMOVAL OF OVERHEAD MULTIPLE CIRCUIT WIRING FOR HIGHWAY LIGHTING SYSTEM	1300.	LIN FT	.75	975.00	.80	1040.00	.95	1235.00	.20	260.00

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ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
622.7004	REMOVAL OF SERIES CIRCUIT LUMINAIRE BRACKET AND BALLAST FOR HIGHWAY LIGHTING SYSTEM	10.	EACH	90.00	900.00	96.00	960.00	113.00	1130.00	75.00	750.00
622.7005	REMOVAL OF SERIES CIRCUIT REGULATOR, TRANSFORMER METER SOCKET AND ACCESSORIES FOR HIGHWAY LIGHTIN SYSTEM	L.S.	L.S.	0.00	890.00	0.00	953.00	0.00	2319.30	0.00	350.00
622.7006	REMOVAL AND DELIVERY OF CITY OWNED STREET LIGHT LUMINAIRE AND BRACKET TO ELECTRICAL AND MAINTENANCE BASEYARD, CITY AND COUNTY OF HONOLULU	1.	EACH	495.00	495.00	530.00	530.00	620.00	620.00	200.00	200.00
622.7007	RELOCATION OF STREET LIGHT LUMINAIRE AND BRACKET	1.	EACH	223.00	223.00	239.00	239.00	280.00	280.00	250.00	250.00
622.7008	ANCHOR AND GUY WIRE FOR HIGHWAY LIGHTING SYSTEM	1.	EACH	530.00	530.00	567.00	567.00	665.00	665.00	450.00	450.00
623.2001	FURNISH AND INSTALL TRAFFIC SIGNAL MASTER CONTROLLER, CABINET AND FOUNDATION	1.	EACH	19654.00	19654.00	18890.00	18890.00	22100.00	22100.00	16000.00	16000.00
623.2002	FURNISH AND INSTALL TRAFFIC SIGNAL CONTROLLER, CABINET AND FOUNDATION (2-4 PHASE)	1.	EACH	22872.00	22872.00	22333.00	22333.00	26100.00	26100.00	13000.00	13000.00
623.2011	FURNISH AND INSTALL TYPE I SIGNAL STANDARD AND FOUNDATION	15.	EACH	460.00	6900.00	492.00	7380.00	575.00	8625.00	500.00	7500.00
623.2021	FURNISH AND INSTALL TYPE II SIGNAL STANDARD WITH 25-FOOT MAST ARM AND FOUNDATION	6.	EACH	3600.00	21600.00	3556.00	21336.00	4154.00	24924.00	2400.00	14400.00
623.3101	TRAFFIC SIGNAL ASSEMBLY (1-WAY, 12-INCH, 1-3 SECTION VERTICAL WITH TYPE I MOUNTING)	13.	EACH	400.00	5200.00	407.00	5291.00	475.00	6175.00	425.00	5525.00
623.3102	TRAFFIC SIGNAL ASSEMBLY (2-WAY, 12-INCH, 2-3 SECTION VERTICAL WITH TYPE II MOUNTING)	3.	EACH	700.00	2100.00	730.00	2190.00	853.00	2559.00	700.00	2100.00
623.3103	TRAFFIC SIGNAL ASSEMBLY (3-WAY, 12-INCH, 3-3 SECTION VERTICAL WITH TYPE III MOUNTING)	1.	EACH	1200.00	1200.00	1248.00	1248.00	1460.00	1460.00	1000.00	1000.00
623.3104	TRAFFIC SIGNAL ASSEMBLY (1-WAY, 12-INCH, 1-3 SECTION VERTICAL WITH TYPE IV MOUNTING)	5.	EACH	500.00	2500.00	530.00	2650.00	620.00	3100.00	475.00	2375.00
623.3105	TRAFFIC SIGNAL ASSEMBLY (2-WAY, 12-INCH, 2-3 SECTION VERTICAL WITH TYPE V MOUNTING)	1.	EACH	800.00	800.00	824.00	824.00	965.00	965.00	750.00	750.00
623.3106	TRAFFIC SIGNAL ASSEMBLY (1-WAY, 12-INCH, 1-3 SECTION VERTICAL WITH TYPE VI MOUNTING)	13.	EACH	500.00	6500.00	471.00	6123.00	550.00	7150.00	475.00	6175.00
623.4001	PEDESTRIAN SIGNAL ASSEMBLY (1-WAY, 12-INCH, 1-VERTICAL WITH TYPE IV MOUNTING)	14.	EACH	550.00	7700.00	526.00	7364.00	615.00	8610.00	450.00	6300.00
623.4041	PEDESTRIAN PUSHBUTTON WITH INSTRUCTION SIGN	13.	EACH	120.00	1560.00	112.00	1456.00	131.00	1703.00	200.00	2600.00
623.5001	FURNISH AND INSTALL ONE 2-INCH CONDUIT, PVC SCHEDULE 40	260.	LIN FT	16.00	4160.00	16.00	4160.00	18.75	4875.00	8.00	2080.00

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623.5011	FURNISH AND INSTALL TWO 2-INCH CONDUITS, PVC SCHEDULE 40	290.	LIN FT	18.00	5220.00	18.00	5220.00	21.25	6162.50	9.00	2610.00
623.5012	FURNISH AND INSTALL TWO 2-INCH CONDUITS, PVC SCHEDULE 80	700.	LIN FT	31.00	21700.00	32.00	22400.00	37.50	26250.00	13.00	9100.00
623.5031	FURNISH AND INSTALL ONE 3-INCH CONDUIT, PVC SCHEDULE 40	1550.	LIN FT	12.00	18600.00	12.00	18600.00	13.75	21312.50	8.00	12400.00
623.5032	FURNISH AND INSTALL ONE 3-INCH CONDUIT, PVC SCHEDULE 80	95.	LIN FT	20.00	1900.00	20.00	1900.00	23.75	2256.25	11.00	1045.00
623.5091	FURNISH AND INSTALL ONE 2-INCH GALVANIZED RIGID STEEL CONDUIT	8.	LIN FT	42.00	336.00	44.00	352.00	51.25	410.00	5.00	40.00
623.5092	FURNISH AND INSTALL TWO 2-INCH AND ONE 3-INCH CONDUITS, PVC SCHEDULE 40	190.	LIN FT	21.00	3990.00	21.00	3990.00	25.00	4750.00	12.00	2280.00
623.5093	FURNISH AND INSTALL TWO 2-INCH AND ONE 3-INCH CONDUITS, PVC SCHEDULE 80	70.	LIN FT	32.00	2240.00	33.00	2310.00	38.75	2712.50	15.00	1050.00
623.6000	FURNISH AND INSTALL TYPE A PULLBOX	29.	EACH	310.00	8990.00	321.00	9309.00	375.00	10875.00	350.00	10150.00
623.6020	FURNISH AND INSTALL TYPE C PULLBOX	1.	EACH	470.00	470.00	495.00	495.00	579.00	579.00	450.00	450.00
623.7011	LOOP DETECTOR SENSING UNIT (8 FT. X 6FT.) 4 LOOPS	3.	EACH	1300.00	3900.00	1355.00	4065.00	1580.00	4740.00	400.00	1200.00
623.7012	LOOP DETECTOR SENSING UNIT (8 FT. X 6FT.) 8 LOOPS	3.	EACH	2600.00	7800.00	2734.00	8202.00	3195.00	9585.00	800.00	2400.00
623.7101	NO. 6, 1-CONDUCTOR POWER CABLE	180.	LIN FT	2.50	450.00	1.40	252.00	1.65	297.00	1.00	180.00
623.7102	NO. 14, 2-CONDUCTOR DETECTOR LEAD-IN CABLE	3000.	LIN FT	2.50	7500.00	1.60	4800.00	1.90	5700.00	.50	1500.00
623.7103	NO. 14, 26-CONDUCTOR TRAFFIC CONTROL LOOP CABLE	1275.	LIN FT	6.00	7650.00	5.35	6821.25	6.25	7968.75	3.00	3825.00
623.7104	NO. 20, 24-CONDUCTOR TRAFFIC CONTROL CABLE	1400.	LIN FT	5.50	7700.00	4.80	6720.00	5.65	7910.00	2.00	2800.00
623.9001	METER SOCKET AND CIRCUIT BREAKER	2.	EACH	520.00	1040.00	556.00	1112.00	650.00	1300.00	250.00	500.00
623.9002	NO. 12 PULLWIRE	4770.	LIN FT	.30	1431.00	.35	1669.50	.40	1908.00	.20	954.00
624.1000	CHLORINATION	L.S.	L.S.	0.00	3678.00	0.00	9400.00	0.00	2100.00	0.00	2000.00
624.1004	FURNISHING AND INSTALLING 4-INCH DUCTILE IRON PIPE (CLASS 52)	12.	LIN FT	40.00	480.00	24.00	288.00	15.90	190.80	16.00	192.00
624.1005	FURNISHING AND INSTALLING 6-INCH DUCTILE IRON PIPE (CLASS 52)	1226.	LIN FT	28.00	34328.00	16.00	19616.00	17.10	20964.60	18.00	22068.00
624.1170	FURNISHING AND INSTALLING 4-INCH GATE VALVE (CLASS 150)	1.	EACH	400.00	400.00	350.00	350.00	360.00	360.00	300.00	300.00
624.1171	FURNISHING AND INSTALLING 6-INCH GATE VALVE (CLASS 150)	4.	EACH	400.00	1600.00	400.00	1600.00	490.00	1960.00	375.00	1500.00
624.1174	FURNISHING AND INSTALLING 2-INCH GATE VALVE (CLASS 150)	1.	EACH	150.00	150.00	80.00	80.00	290.00	290.00	150.00	150.00

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BID TABULATION PROJECT - KAMEHAMEHA HIGHWAY WIDENING, AVOCADO STREET TO KILANI AVENUE FEDERAL AID PROJECT NO. F-080-1(5) TYPE CODE - 6201 ISLAND OF OAHU				DATE ADVERTISED - HONOLULU ADVERTISER JUNE 4, 6 & 9, 1980 BIDS OPENED - JUNE 26, 1980 COMPLETION TIME - TWO HUNDRED AND SEVENTY (270) WORKING DAYS							
				ROYAL CONTRG CO LTD		HAITSUKA BROS LIMITED		OAHU CONSTR CO LTD.		STATE OF HAWAII	
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
624.1291	FURNISHING AND INSTALLING HUB CLAMP FOR 6-INCH CAST IRON PIPE INCLUDING STRONG BACK, BOLTS, AND NUTS	2.	EACH	200.00	400.00	80.00	160.00	800.00	1600.00	150.00	300.00
624.1294	FURNISHING AND INSTALLING 6-INCH DOUBLE HUB FITTING TAPPED FOR 1-1/2 INCH X 2-INCH COPORATIO STOP	3.	EACH	150.00	450.00	125.00	375.00	160.00	480.00	250.00	750.00
624.1350	FURNISHING AND INSTALLING 6-INCH X 6-INCH TAPPIN TEE INCLUDING 6-INCH TAPPING VALVE (CLASS 150)	2.	EACH	1500.00	3000.00	800.00	1600.00	1625.00	3250.00	1700.00	3400.00
624.1351	FURNISHING AND INSTALLING 8-INCH X 6-INCH TAPPIN TEE INCLUDING 6-INCH TAPPING VALVE (CLASS 150)	1.	EACH	1600.00	1600.00	850.00	850.00	2030.00	2030.00	1750.00	1750.00
624.1640	FURNISHING AND INSTALLING CAST IRON FITTINGS	2490.	LB	4.00	9960.00	1.00	2490.00	2.60	6474.00	2.00	4980.00
624.1670	FURNISHING AND INSTALLING FIRE HYDRANT	3.	EACH	1000.00	3000.00	700.00	2100.00	1240.00	3720.00	1400.00	4200.00
624.1690	FURNISHING AND INSTALLING 2-INCH GALVANIZED IRON PIPE	215.	LIN FT	5.00	1075.00	7.00	1505.00	10.35	2225.25	16.00	3440.00
624.1695	FURNISHING AND INSTALLING 2-INCH COPPER PIPE	21.	LIN FT	13.00	273.00	22.00	462.00	16.35	343.35	16.00	336.00
624.1737	FURNISHING AND INSTALLING 6-INCH PLUG	2.	EACH	150.00	300.00	60.00	120.00	105.00	210.00	700.00	1400.00
624.1875	FURNISHING AND INSTALLING 1-INCH SINGLE COPPER SERVICE LATERAL AND ALL APPURTENANCES	10.	EACH	300.00	3000.00	800.00	8000.00	595.00	5950.00	400.00	4000.00
624.1876	FURNISHING AND INSTALLING 1-1/4 INCH SINGLE COPPER SERVICE LATERAL AND ALL APPURTENANCES	2.	EACH	320.00	640.00	900.00	1800.00	640.00	1280.00	500.00	1000.00
624.1879	FURNISHING AND INSTALLING 1-1/2 INCH SINGLE COPPER SERVICE LATERAL AND ALL APPURTENANCES	2.	EACH	340.00	680.00	950.00	1900.00	800.00	1600.00	600.00	1200.00
624.1880	FURNISHING AND INSTALLING 1-1/2 INCH MULTIPLE COPPER SERVICE LATERAL AND ALL APPURTENANCES	1.	EACH	450.00	450.00	1400.00	1400.00	870.00	870.00	800.00	800.00
624.1883	FURNISHING AND INSTALLING 2-INCH SINGLE COPPER SERVICE LATERAL AND ALL APPURTENANCES	2.	EACH	400.00	800.00	1500.00	3000.00	930.00	1860.00	900.00	1800.00
624.4670	REMOVING, CLEANING, PAINTING, AND REINSTALLING FIRE HYDRANT	2.	EACH	300.00	600.00	350.00	700.00	420.00	840.00	450.00	900.00
624.4685	REMOVING EXISTING FIRE HYDRANT	1.	EACH	100.00	100.00	175.00	175.00	250.00	250.00	300.00	300.00
624.9000	RELOCATING TYPE A WATER VALVE BOX AND WATER VALVE	3.	EACH	100.00	300.00	220.00	660.00	335.00	1005.00	500.00	1500.00
624.9001	RELOCATING TYPE III WATER METER BOX AND WATER METER	1.	EACH	350.00	350.00	550.00	550.00	900.00	900.00	400.00	400.00
624.9002	RELOCATING TYPE B WATER METER BOX AND WATER METER	1.	EACH	100.00	100.00	280.00	280.00	475.00	475.00	250.00	250.00
624.9003	RELOCATING TYPE X WATER METER BOX AND WATER METER	6.	EACH	150.00	900.00	280.00	1680.00	475.00	2850.00	250.00	1500.00
624.9101	ADJUSTING TYPE A WATER VALVE BOX	4.	EACH	30.00	120.00	60.00	240.00	140.00	560.00	350.00	1400.00
624.9102	ADJUSTING TYPE B WATER METER BOX	12.	EACH	50.00	600.00	540.00	6480.00	360.00	4320.00	100.00	1200.00

BID TABULATION
PROJECT - KAMEHAMEHA HIGHWAY WIDENING,
AVOCADO STREET TO KILANI AVENUE
FEDERAL AID PROJECT NO. F-080-1(5)
TYPE CODE - 6201
ISLAND OF OAHU

DATE ADVERTISED - HONOLULU ADVERTISER
JUNE 4, 6 & 9, 1980
BIDS OPENED - JUNE 26, 1980
COMPLETION TIME - TWO HUNDRED AND SEVENTY (270) WORKING DAYS

				ROYAL CONTRG CO LTD		HAITSUKA BROS LIMITED		OAHU CONSTR CO LTD.		STATE OF HAWAII	
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
624.9103	ADJUSTING TYPE X WATER METER BOX	11.	EACH	55.00	605.00	60.00	660.00	360.00	3960.00	100.00	1100.00
624.9104	ADJUSTING TYPE III WATER METER BOX	7.	EACH	220.00	1540.00	170.00	1190.00	400.00	2800.00	250.00	1750.00
624.9105	ADJUSTING TYPE IV WATER METER BOX	1.	EACH	350.00	350.00	325.00	325.00	490.00	490.00	500.00	500.00
624.9201	REMOVING EXISTING WATER METER BOX OR EXISTING WATER VALVE BOX	5.	EACH	30.00	150.00	95.00	475.00	465.00	2325.00	150.00	750.00
624.9202	CUTTING AND PLUGGING EXISTING WATER LINE	9.	EACH	300.00	2700.00	200.00	1800.00	480.00	4320.00	700.00	6300.00
625.0010	CUTTING AND PLUGGING EXISTING SEWER LATERAL	F.A.	F.A.	0.00	700.00	0.00	700.00	0.00	700.00	0.00	700.00
625.0100	HOUSE SEWER CONNECTION	F.A.	F.A.	0.00	900.00	0.00	900.00	0.00	900.00	0.00	900.00
625.0200	BED COURSE MATERIAL FOR SEWER PIPE	10.	CU YD	40.00	400.00	45.00	450.00	49.00	490.00	40.00	400.00
625.2000	6-INCH VITRIFIED CLAY SEWER PIPE	78.	LIN FT	22.00	1716.00	13.00	1014.00	9.50	741.00	15.00	1170.00
625.2030	12-INCH VITRIFIED CLAY SEWER PIPE	121.	LIN FT	34.00	4114.00	22.00	2662.00	24.75	2994.75	25.00	3025.00
625.2100	6-INCH X 4-INCH REDUCER WITH CAP	3.	EACH	20.00	60.00	18.00	54.00	27.50	82.50	25.00	75.00
625.2110	REDWOOD MARKER	3.	EACH	10.00	30.00	9.00	27.00	8.60	25.80	15.00	45.00
625.2830	REINFORCED CONCRETE JACKET FOR 12-INCH VITRIFIED CLAY SEWER PIPE	39.	LIN FT	60.00	2340.00	36.00	1404.00	65.00	2535.00	45.00	1755.00
629.1010	PAVEMENT STRIPING	7020.	LIN FT	1.10	7722.00	.45	3159.00	.55	3861.00	.50	3510.00
629.1020	CROSSWALK MARKING	71.	LANE	71.00	5041.00	32.00	2272.00	69.00	4899.00	100.00	7100.00
629.1030	PAVEMENT ARROWS	34.	EACH	55.00	1870.00	32.00	1088.00	37.50	1275.00	75.00	2550.00
629.2010	TYPE A PAVEMENT MARKERS	408.	EACH	2.50	1020.00	3.75	1530.00	4.40	1795.20	4.00	1632.00
629.2030	TYPE C PAVEMENT MARKERS	195.	EACH	6.50	1267.50	9.00	1755.00	6.25	1218.75	5.00	975.00
629.2040	TYPE D PAVEMENT MARKERS	106.	EACH	7.00	742.00	15.00	1590.00	6.25	662.50	5.00	530.00
629.2070	TYPE H PAVEMENT MARKERS	48.	EACH	8.00	384.00	7.50	360.00	6.25	300.00	5.00	240.00
630.0040	INSTALLING HECO 3-FEET X 5-FEET X 2-FEET 6-INCH PRECAST HANDHOLE	2.	EACH	2330.00	4660.00	2493.00	4986.00	2913.00	5826.00	2600.00	5200.00
630.0060	INSTALLING HECO PRECAST CONCRETE SERVICE BOX	16.	EACH	630.00	10080.00	674.00	10784.00	788.00	12608.00	600.00	9600.00
630.0071	CONSTRUCT HECO STANDARD SUBMERSIBLE TRANSFORMER VAULT FOR 1-3 PHASE TRANSFORMER	3.	EACH	15026.00	45078.00	16078.00	48234.00	18783.00	56349.00	21000.00	63000.00
630.0072	CONSTRUCT HECO TRANSFORMER VAULT 0-75 KVA 12 KV, 1 PHASE SUBMERSIBLE UNDERGROUND	1.	EACH	6650.00	6650.00	7116.00	7116.00	8315.00	8315.00	3500.00	3500.00
630.0110	CONSTRUCT HECO MANHOLE TYPE NO. 1	8.	EACH	12138.00	97104.00	12988.00	103904.00	15173.00	121384.00	9000.00	72000.00
630.0260	CONSTRUCT HECO HANDHOLE TYPE 46	3.	EACH	6650.00	19950.00	7116.00	21348.00	8315.00	24945.00	5200.00	15600.00
630.0290	CONSTRUCT HECO HANDHOLE TYPE 35	1.	EACH	5700.00	5700.00	6100.00	6100.00	7125.00	7125.00	3100.00	3100.00
630.0800	HECO CUSTOMER SERVICE CONNECTION	L.S.	L.S.	0.00	85000.00	0.00	90950.00	0.00	106250.00	0.00	100000.00
630.1531	FURNISHING AND INSTALLING ONE 3-INCH PLASTIC DUC IN PLAIN CONCRETE JACKET	10.	LIN FT	30.00	300.00	32.00	320.00	38.00	380.00	21.00	210.00
630.1532	FURNISHING AND INSTALLING TWO 3-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	952.	LIN FT	40.00	38080.00	43.00	40936.00	50.00	47600.00	36.00	34272.00

BID TABULATION
PROJECT - KAMEHAMEHA HIGHWAY WIDENING,
AVOCADO STREET TO KILANI AVENUE
FEDERAL AID PROJECT NO. F-080-1(5)
TYPE CODE - 6201
ISLAND OF OAHU

DATE ADVERTISED - HONOLULU ADVERTISER
JUNE 4, 6 & 9, 1980
BIDS OPENED - JUNE 26, 1980
COMPLETION TIME - TWO HUNDRED AND SEVENTY (270) WORKING DAYS

ITEM NO.	ITEM	QUANTITY	UNIT	ROYAL CONTRG CO LTD		HAITSUKA BROS LIMITED		OAHU CONSTR CO LTD.		STATE OF HAWAII	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
630.1533	FURNISHING AND INSTALLING THREE 3-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	149.	LIN FT	29.00	4321.00	31.00	4619.00	36.25	5401.25	60.00	8940.00
630.1534	FURNISHING AND INSTALLING FOUR 3-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	6.	LIN FT	85.00	510.00	91.00	546.00	107.00	642.00	60.00	360.00
630.1536	FURNISHING AND INSTALLING SIX 3-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	29.	LIN FT	44.00	1276.00	47.00	1363.00	55.00	1595.00	79.00	2291.00
630.1538	FURNISHING AND INSTALLING EIGHT 3-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	10.	LIN FT	71.00	710.00	76.00	760.00	89.00	890.00	100.00	1000.00
630.1542	FURNISHING AND INSTALLING TWO 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	159.	LIN FT	34.00	5406.00	36.00	5724.00	42.50	6757.50	54.00	8586.00
630.1543	FURNISHING AND INSTALLING THREE 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	419.	LIN FT	33.00	13827.00	35.00	14665.00	41.25	17283.75	65.00	27235.00
630.1544	FURNISHING AND INSTALLING FOUR 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	124.	LIN FT	63.00	7812.00	68.00	8432.00	79.00	9796.00	75.00	9300.00
630.1546	FURNISHING AND INSTALLING SIX 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	28.	LIN FT	83.00	2324.00	89.00	2492.00	104.00	2912.00	95.00	2660.00
630.1551	FURNISHING AND INSTALLING ONE 5-INCH PLASTIC DUC IN PLAIN CONCRETE JACKET	21.	LIN FT	30.00	630.00	32.00	672.00	38.00	798.00	31.00	651.00
630.1552	FURNISHING AND INSTALLING TWO 5-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	503.	LIN FT	36.00	18108.00	39.00	19617.00	45.00	22635.00	70.00	35210.00
630.1560	FURNISHING AND INSTALLING TWO 3-INCH AND TWO 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	73.	LIN FT	49.00	3577.00	52.00	3796.00	61.00	4453.00	76.00	5548.00
630.1561	FURNISHING AND INSTALLING TWO 3-INCH AND THREE 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	235.	LIN FT	45.00	10575.00	48.00	11280.00	56.00	13160.00	83.00	19505.00
630.1562	FURNISHING AND INSTALLING FOUR 3-INCH AND THREE 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	4.	LIN FT	157.00	628.00	168.00	672.00	196.00	784.00	112.00	448.00
630.1563	FURNISHING AND INSTALLING ONE 3-INCH AND ONE 5-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	11.	LIN FT	46.00	506.00	49.00	539.00	58.00	638.00	51.00	561.00
630.1564	FURNISHING AND INSTALLING ONE 3-INCH AND TWO 5-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	292.	LIN FT	55.00	16060.00	59.00	17228.00	69.00	20148.00	81.00	23652.00
630.1565	FURNISHING AND INSTALLING TWO 3-INCH AND TWO 5-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	20.	LIN FT	60.00	1200.00	64.00	1280.00	75.00	1500.00	90.00	1800.00
630.1566	FURNISHING AND INSTALLING FOUR 3-INCH AND TWO 5-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	32.	LIN FT	51.00	1632.00	55.00	1760.00	64.00	2048.00	75.00	2400.00
630.1567	FURNISHING AND INSTALLING TWO 4-INCH AND TWO 5-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	73.	LIN FT	42.00	3066.00	45.00	3285.00	53.00	3869.00	87.00	6351.00

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BID TABULATION
 PROJECT - KAMEHAMEHA HIGHWAY WIDENING,
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DATE ADVERTISED - HONOLULU ADVERTISER
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ITEM NO.	ITEM	QUANTITY	UNIT	ROYAL CONTRG CO LTD		HAITSUKA BROS LIMITED		OAHU CONSTR CO LTD.		STATE OF HAWAII	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
639.0100	TEMPORARY PROJECT WATER POLLUTION CONTROL	F.A.	F.A.	0.00	10000.00	0.00	10000.00	0.00	10000.00	0.00	10000.00
641.0100	HYDRO-MULCH SEEDING	5080.	SQ FT	1.50	7620.00	1.80	9144.00	1.90	9652.00	.20	1016.00
646.0301	INSTALLING HICO TYPE 2436 PULLBOX	1.	EACH	489.00	489.00	523.00	523.00	612.00	612.00	850.00	850.00
646.0302	INSTALLING HICO TYPE 3048 PULLBOX	27.	EACH	436.00	11772.00	467.00	12609.00	545.00	14715.00	900.00	24300.00
646.0331	CONSTRUCT HICO TYPE J HANDHOLE WITH TYPE 435T-B PULLBOX COVERS	2.	EACH	5698.00	11396.00	6097.00	12194.00	7125.00	14250.00	4500.00	9000.00
646.0640	CONSTRUCT HICO TYPE A-2 MANHOLE, 8-FEET HEADROOM	1.	EACH	12797.00	12797.00	13693.00	13693.00	16000.00	16000.00	7000.00	7000.00
646.0740	CONSTRUCT HICO TYPE A-3 MANHOLE, 8-FEET HEADROOM	3.	EACH	11922.00	35766.00	12757.00	38271.00	14900.00	44700.00	7500.00	22500.00
646.0790	DEMOLISHING EXISTING HICO HANDHOLE	1.	EACH	891.00	891.00	953.00	953.00	1115.00	1115.00	500.00	500.00
646.0800	HICO CUSTOMER SERVICE CONNECTION	L.S.	L.S.	0.00	22176.00	0.00	23728.00	0.00	27720.00	0.00	100000.00
646.1242	INSTALLING TWO 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	635.	LIN FT	37.00	23495.00	40.00	25400.00	46.25	29368.75	27.00	17145.00
646.1243	INSTALLING THREE 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	9.	LIN FT	82.00	738.00	88.00	792.00	104.00	936.00	35.00	315.00
646.1244	INSTALLING FOUR 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	692.	LIN FT	47.00	32524.00	50.00	34600.00	58.75	40655.00	35.00	24220.00
646.1248	INSTALLING EIGHT 4-INCH PLASTIC DUCTS IN PLAIN CONCRETE JACKET	689.	LIN FT	78.00	53742.00	83.00	57187.00	97.50	67177.50	45.00	31005.00
646.3581	INSTALLING ONE 4-INCH PLASTIC DUCT (DIRECT BURIAL)	71.	LIN FT	19.00	1349.00	20.00	1420.00	23.75	1686.25	15.00	1065.00
646.3582	INSTALLING TWO 4-INCH PLASTIC DUCTS (DIRECT BURIAL)	1835.	LIN FT	21.00	38535.00	22.00	40370.00	26.25	48168.75	20.00	36700.00
646.3595	FURNISHING AND INSTALLING ONE 2-INCH PLASTIC DUC (DIRECT BURIAL)	164.	LIN FT	17.00	2788.00	18.00	2952.00	21.25	3485.00	20.00	3280.00
646.4000	CONSTRUCT HICO 1-FOOT 6-INCH X 3-FEET 6-INCH DUC CHASE	15.	LIN FT	425.00	6375.00	455.00	6825.00	531.00	7965.00	350.00	5250.00
646.5000	INSTALLING CATV TYPE 434T PULLBOX	1.	EACH	488.00	488.00	522.00	522.00	610.00	610.00	345.00	345.00
646.6003	INSTALLING CATV ONE 3-INCH PLASTIC DUCT (DIRECT BURIAL)	3.	LIN FT	86.00	258.00	92.00	276.00	108.00	324.00	25.00	75.00
650.0010	WHEELCHAIR RAMP, TYPE A	27.	EACH	150.00	4050.00	130.00	3510.00	120.00	3240.00	150.00	4050.00
650.0020	WHEELCHAIR RAMP, TYPE C MODIFIED	1.	EACH	170.00	170.00	165.00	165.00	200.00	200.00	300.00	300.00
652.1000	COLD PLANE EXISTING ASPHALT CONCRETE PAVEMENT	18790.	SQ FT	.80	15032.00	1.00	18790.00	.65	12213.50	2.50	46975.00
653.0010	RELOCATING SIGN ON LOT TMK 7-3-01-18	L.S.	L.S.	0.00	900.00	0.00	500.00	0.00	1125.00	0.00	200.00
653.0020	RELOCATING SIGN AND LIGHT POLE ON LOT TMK 7-4-03-47	L.S.	L.S.	0.00	792.00	0.00	2741.00	0.00	3428.00	0.00	700.00
653.0030	CONSTRUCTING LIGHT POLE BASE ON LOT TMK 7-4-03-48	L.S.	L.S.	0.00	2427.00	0.00	2597.00	0.00	3090.00	0.00	500.00

