

BID TABULATION PROJECT - KEAAU - PAHOA ROAD PROJECT NO. S-0130(7) TYPE CODE - 6201 ISLAND - HAWAII				DATE ADVERTISED - SEPTEMBER 14, 1967 BIDS OPENED - OCTOBER 5, 1967				COMPLETION TIME - ONE HUNDRED EIGHTY (180) WORKING DAYS					
				JAS W GLOVER LTD		YAMADA AND SONS INC		J M TANAKA CONSTR INC				DEPT OF TRANSPORTATION STATE OF HAWAII	
				\$2,500 + 2 PERCENT OF AMOUNT BID OVER \$50,000		\$2,500 + 2 PERCENT OF AMOUNT BID OVER \$50,000		\$2,500 + 2 PERCENT OF AMOUNT BID OVER \$50,000					
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT
4.50	CONSTRUCTION AND MAINTENANCE OF DETOURS		F.A.	0.00	5000.00	0.00	5000.00	0.00	5000.00			0.00	5000.00
6.01	FIELD OFFICE		L.S.	0.00	4000.00	0.00	4000.00	0.00	4000.00			0.00	4000.00
6.02	PROJECT SITE LABORATORY		L.S.	0.00	2000.00	0.00	2000.00	0.00	2000.00			0.00	2000.00
13.01	ROADWAY EXCAVATION	92300.00	CU YD	2.04	188292.00	2.53	233519.00	2.96	273208.00			2.00	184600.00
14.01	STRUCTURE EXCAVATION OTHER THAN AT BRIDGES	1720.00	CU YD	13.00	22360.00	7.30	12556.00	7.00	12040.00			10.00	17200.00
14.05	STRUCTURE EXCAVATION FOR WATER SYSTEM	378.00	CU YD	20.00	7560.00	10.00	3780.00	11.40	4309.20			8.00	3024.00
14.20	STRUCTURE EXCAVATION FOR BOX CULVERTS	110.00	CU YD	12.00	1320.00	7.25	797.50	8.60	946.00			25.00	2750.00
14.60	STRUCTURE EXCAVATION FOR BRIDGES	74.00	CU YD	28.00	2072.00	7.25	536.50	17.40	1287.60			25.00	1850.00
15.01	DITCH AND CHANNEL EXCAVATION	1120.00	CU YD	7.50	8400.00	4.00	4480.00	9.30	10416.00			10.00	11200.00
20A.01	UNTREATED BASE FOR PIPE FOUNDATION	130.00	CU YD	8.50	1105.00	7.50	975.00	9.16	1190.80			8.00	1040.00
23.01	WATERING	200.00	M-GAL	4.50	900.00	6.00	1200.00	4.00	800.00			5.00	1000.00
24.01	SELECT BORROW SUBBASE COURSE	39460.00	CU YD	4.75	187435.00	4.50	177570.00	3.94	155472.40			7.00	276220.00
27.05	COARSE ROCK FOR WATERBOUND MACADAM BASE COURSE	25800.00	TON	5.00	129000.00	5.75	148350.00	6.72	173376.00			6.00	154800.00
27.09	FILLER FOR WATERBOUND MACADAM BASE COURSE	9100.00	TON	5.50	50050.00	7.00	63700.00	7.70	70070.00			6.50	59150.00
30.01	MEDIUM CURING LIQUID ASPHALT (MC-30) FOR PRIME COAT	24500.00	GAL	0.2850	6982.50	0.32	7840.00	0.31	7595.00			0.40	9800.00
39.03	ASPHALT CONCRETE PAVEMENT, MIX NO. III	7800.00	TON	12.50	97500.00	12.50	97500.00	13.64	106392.00			15.00	117000.00
39.05	ASPHALT CONCRETE PAVEMENT, MIX NO. V	3890.00	TON	12.50	48625.00	12.50	48625.00	13.64	53059.60			15.00	58350.00
46.020	CONCRETE IN BOX CULVERTS		L.S.	0.00	10000.00	0.00	7607.60	0.00	7650.00			0.00	6540.00
46.060	CONCRETE IN BRIDGES		L.S.	0.00	36000.00	0.00	25758.70	0.00	27150.00			0.00	31200.00
46.061	CONCRETE IN UNDERPASS AT STA 28+20		L.S.	0.00	24000.00	0.00	21434.60	0.00	22900.00			0.00	25320.00
46.101	CLASS A-1 CONCRETE OTHER THAN IN BRIDGES	26.00	CU YD	60.00	1560.00	70.00	1820.00	76.00	1976.00			120.00	3120.00
46.201	CLASS B-1 CONCRETE OTHER THAN IN BRIDGES	88.00	CU YD	120.00	10560.00	95.00	8360.00	80.00	7040.00			100.00	8800.00
48.01	REINFORCING STEEL OTHER THAN IN BRIDGES	1970.00	LB	0.22	433.40	0.25	492.50	0.23	453.10			0.20	394.00
48.20	REINFORCING STEEL IN BOX CULVERTS		L.S.	0.00	1910.00	0.00	2933.70	0.00	2016.00			0.00	1768.00
48.60	REINFORCING STEEL IN BRIDGES		L.S.	0.00	15265.00	0.00	18488.80	0.00	16128.00			0.00	11142.00
48.61	REINFORCING STEEL IN UNDERPASS AT STA 28+20		L.S.	0.00	6235.00	0.00	7814.40	0.00	6585.60			0.00	4709.00
52.10	FILTER MATERIAL FOR STRUCTURES	90.00	CU YD	13.00	1170.00	9.00	810.00	8.36	752.40			12.00	1080.00
55.10	METAL BRIDGE RAILING	145.00	LIN FT	17.00	2465.00	32.67	4737.15	16.70	2421.50			15.00	2175.00
55.40	CONCRETE RAILING AND END POST	177.00	LIN FT	17.00	3009.00	11.00	1947.00	17.50	3097.50			12.00	2124.00
59A.186	24-INCH CORRUGATED GALVANIZED BITUMINOUS COATED METAL PIPE CULVERT (12 GAGE) OR 24-INCH REINFORCED CONCRETE CULVERT PIPE, CLASS III	448.00	LIN FT	12.00	5376.00	15.00	6720.00	15.00	6720.00			11.00	4928.00
59A.298	30-INCH CORRUGATED GALVANIZED BITUMINOUS COATED METAL PIPE CULVERT (10 GAGE) OR 30-INCH REINFORCED CONCRETE CULVERT PIPE, CLASS III	166.00	LIN FT	18.00	2988.00	21.75	3610.50	21.00	3486.00			15.00	2490.00
59A.394	36-INCH CORRUGATED GALVANIZED BITUMINOUS COATED METAL PIPE CULVERT (8 GAGE) OR 36-INCH REINFORCED CONCRETE CULVERT PIPE, CLASS III	162.00	LIN FT	25.00	4050.00	29.25	4738.50	27.90	4519.80			20.00	3240.00
59A.490	42-INCH CORRUGATED GALVANIZED BITUMINOUS COATED METAL PIPE CULVERT (8 GAGE) OR 42-INCH REINFORCED CONCRETE CULVERT PIPE, CLASS III	120.00	LIN FT	30.00	3600.00	34.65	4158.00	33.40	4008.00			25.00	3000.00

BID TABULATION
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ISLAND - HAWAII

DATE ADVERTISED - SEPTEMBER 14, 1967
BIDS OPENED - OCTOBER 5, 1967

COMPLETION TIME - ONE HUNDRED EIGHTY (180) WORKING DAYS

ITEM NO.	ITEM	QUANTITY	UNIT	JAS W GLOVER LTD		YAMADA AND SONS INC		J M TANAKA CONSTR INC		DEPT OF TRANSPORTATION STATE OF HAWAII	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
59A.554	48-INCH CORRUGATED GALVANIZED BITUMINOUS COATED METAL PIPE CULVERT (12 GAGE) OR 48-INCH REINFORCED CONCRETE CULVERT PIPE, CLASS III	76.00	LIN FT	24.00	1824.00	30.00	2280.00	30.80	2340.80	25.00	1900.00
59A.570	48-INCH CORRUGATED GALVANIZED BITUMINOUS COATED METAL PIPE CULVERT (10 GAGE) OR 48-INCH REINFORCED CONCRETE CULVERT PIPE, CLASS III	58.00	LIN FT	29.00	1682.00	34.00	1972.00	37.00	2146.00	31.00	1798.00
65.01	GROUTED RUBBLE PAVING	43.00	CU YD	70.00	3010.00	49.00	2107.00	58.00	2494.00	60.00	2580.00
67.01	CENTERLINE MONUMENTS	21.00	EACH	25.00	525.00	20.00	420.00	27.00	567.00	20.00	420.00
80.03A1	METAL GUARD RAIL WITH PRECAST CONCRETE POSTS	3000.00	LIN FT	10.00	30000.00	10.00	30000.00	8.00	24000.00	8.00	24000.00
80.05A2	METAL GUARD RAIL WITH STEEL POSTS	3000.00	LIN FT	6.75	20250.00	8.00	24000.00	7.04	21120.00	7.00	21000.00
100.01	FURNISHING AND INSTALLING 6-INCH CAST IRON PIPE WITH FITTINGS, CL 250	1150.00	LIN FT	5.00	5750.00	3.65	4197.50	6.34	7291.00	4.40	5060.00
100.02	EXCAVATING AND REMOVING EXISTING 2-1/2-INCH PIPE FITTINGS AND APPURTENANCES	600.00	LIN FT	0.70	420.00	0.50	300.00	0.73	438.00	1.00	600.00
100.03	FURNISHING AND INSTALLING 6-INCH GATE VALVE, M.J. 200 LB.	1.00	EACH	175.00	175.00	127.00	127.00	113.00	113.00	90.00	90.00
100.04	CLEANING AND REINSTALLING 2-1/2-INCH GALVANIZED IRON PIPE WITH NECESSARY FITTINGS	600.00	LIN FT	0.50	300.00	0.50	300.00	2.69	1614.00	0.40	240.00
100.05	FURNISHING AND INSTALLING 2-INCH GALVANIZED IRON PIPE WITH NECESSARY FITTINGS	100.00	LIN FT	1.20	120.00	0.20	20.00	3.49	349.00	0.85	85.00
100.06	FURNISHING AND INSTALLING 1-INCH SERVICE LATERAL EXTENSION		L.S.	0.00	30.00	0.00	50.00	0.00	90.00	0.00	50.00
100.07	FURNISHING AND INSTALLING VALVE BOX	1.00	EACH	210.00	210.00	150.00	150.00	120.00	120.00	150.00	150.00
100.08	RELOCATE EXISTING SERVICE LATERALS AND METER BOX	1.00	EACH	22.00	22.00	100.00	100.00	200.00	200.00	25.00	25.00
103.01	LEVELING SURFACES		F.A.	0.00	5000.00	0.00	5000.00	0.00	5000.00	0.00	5000.00
107.41	REFLECTOR MARKER WITH POST	45.00	EACH	11.00	495.00	20.00	900.00	20.60	927.00	20.00	900.00
107.51	REGULATORY AND WARNING SIGN WITH POST	12.00	EACH	65.00	780.00	42.00	504.00	78.00	936.00	60.00	720.00
111.10	RESET ROUTE MARKER	6.00	EACH	10.00	60.00	10.00	60.00	58.00	348.00	20.00	120.00
129.01	TYPE A PAVEMENT MARKERS	3450.00	EACH	0.90	3105.00	1.25	4312.50	1.31	4519.50	1.25	4312.50
129.02	TYPE B PAVEMENT MARKERS	300.00	EACH	2.25	675.00	2.35	705.00	2.98	894.00	3.00	900.00
SUM OF ALL ITEMS					965655.90		1011365.45		1073573.80		1090964.50
DEDUCT MORE EXPENSIVE SUM OF GROUP A											
Group A											
Item 80.03 A1					30000.00		30000.00		24000.00		24000.00
Item 80.05 A2					20250.00		24000.00		21120.00		21000.00
DEDUCT						30000.00		30000.00		24000.00	
AMOUNT FOR COMPARISON OF BIDS						935655.90		981365.45		1049573.80	
I certify that this is a true and correct tabulation of the bids opened for this project.											

Roy M. Delada
Design Engineer