

BID TABULATION
PROJECT NOS - I-M1-1(20) AND S-0900(2)
TYPE CODE - 5201, Y007, Y003, Y002, Y030, Y050, X021, X220, R04
BIDS OPENED - MARCH 10, 1966

PROJECTS-INTERSTATE ROUTE H-1 BARBERS POINT TO KUNIA ROAD (PALAILAI INTERCHANGE) COMPLETION TIME - 400 WORKING DAYS
AND HARRINGTON HIGHWAY, BARBERS POINT TO PILICKOE GULCH
ISLAND OAHU
DATE ADVERTISED - HONOLULU STAR-BULLETIN - FEB 10, 12, 14, 16, 18, 1966

ITEM NO.	ITEM	QUANTITY	UNIT	J.M. TANAKA CONSTR. INC.		JAS. G. GLOVER, LTD.		PACIFIC CONTRACTORS INC.						STATE DEPT. OF TRANSPORTATION	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT					UNIT PRICE	AMOUNT
6A	FIELD OFFICE		L.S.	0.00	4000.00	0.00	4000.00	0.00	4000.00					0.00	4000.00
6B	PROJECT SITE LABORATORY		L.S.	0.00	2000.00	0.00	2000.00	0.00	2000.00					0.00	2000.00
11A(1)	DEMOLISHING EXISTING CONCRETE STRUCTURES		L.S.	0.00	27400.00	0.00	10000.00	0.00	24900.00					0.00	19400.00
11A(2)	DEMOLISHING EXISTING KEANANDI BRIDGE STRUCTURE		L.S.	0.00	16500.00	0.00	12000.00	0.00	6000.00					0.00	5000.00
13	ROADWAY EXCAVATION	213360.00	CU YD	2.00	426720.00	2.00	426720.00	3.95	842772.00					1.50	405344.00
14(1)	STRUCTURE EXCAVATION OTHER THAN AT BRIDGES	26666.00	CU YD	12.10	250046.60	12.00	247980.00	13.75	284143.75					8.00	155320.00
14(2)	STRUCTURE EXCAVATION FOR BRIDGES	3470.00	CU YD	15.20	52744.00	11.00	38170.00	10.60	36782.00					7.00	24390.00
15	DITCH AND CHANNEL EXCAVATION	1070.00	CU YD	9.50	10165.00	5.00	9850.00	10.20	20094.00					6.00	11620.00
16	IMPORTED BORROW	156000.00	TON	1.10	173800.00	1.75	276500.00	1.78	281240.00					1.90	300200.00
20A	UNTREATED BASE FOR PIPE FOUNDATION	560.00	CU YD	10.00	5600.00	10.00	5600.00	14.50	8120.00					7.00	3920.00
23	SPRINKLING	12640.00	M GAL	4.00	50560.00	3.30	41712.00	4.60	58144.00					3.75	47400.00
24(1)	SELECT BORROW SUBBASE COURSE	145770.00	TON	2.60	379002.00	2.85	415444.50	3.60	524772.00					3.25	473752.50
24A	CORAL SELECT BORROW FOR SHOULDERS	40560.00	TON	3.70	150072.00	4.00	162240.00	7.20	292032.00					3.50	141960.00
26	UNTREATED BASE	20730.00	TON	3.10	250573.00	3.50	282905.00	4.80	387984.00					3.50	262905.00
29	BROOMING OFF	2100.00	SQ YD	0.10	210.00	0.05	105.00	0.0450	94.50					0.05	105.00
30(1)	MEDIUM CURING LIQUID ASPHALT(MC-8) FOR PRIME COAT	64770.00	GAL	0.25	13692.50	0.25	13692.50	0.25	13692.50					0.30	16431.00
31	EMULSIFIED ASPHALT, MIXING TYPE, FOR TACK COAT	905.00	GAL	0.25	226.25	0.21	190.05	0.25	226.25					0.30	271.50
32A	CORAL CHIP SHOULDER SURFACING	1030.00	SQ YD	0.35	360.50	0.33	339.90	0.32	329.60					0.50	515.00
39(2)	ASPHALT CONCRETE PAVEMENT MIX NO. III	34130.00	TON	12.00	443690.00	12.80	436864.00	12.82	437548.60					14.00	477820.00
39(4)	ASPHALT CONCRETE PAVEMENT MIX NO. V	10100.00	TON	13.25	133825.00	13.00	131300.00	13.00	131300.00					14.00	141400.00
40(1)	PORTLAND CEMENT CONCRETE PAVEMENT	136.00	CU YD	50.00	6800.00	42.50	5760.00	42.00	5712.00					40.00	5440.00
40(2)	MESH REINFORCEMENT FOR CONCRETE PAVEMENT	180.00	SQ YD	1.25	225.00	1.80	324.00	1.00	180.00					1.00	180.00
45(1)	CLASS A-1 CONCRETE OTHER THAN IN BRIDGES	119.00	CU YD	125.00	14875.00	117.00	13923.00	96.00	11395.00					100.00	11900.00
45(2)	CLASS B-1 CONCRETE OTHER THAN IN BRIDGES	2113.00	CU YD	90.00	190170.00	90.00	190170.00	85.00	179605.00					90.00	190170.00
45(2)I	CLASS B-1 CONCRETE OTHER THAN IN BRIDGES	2.00	CU YD	90.00	180.00	90.00	180.00	97.00	194.00					90.00	180.00
45(A)	CONCRETE IN KEANANDI BRIDGE EXCLUSIVE OF PILES		L.S.	0.00	80000.00	0.00	80000.00	0.00	143520.00					0.00	76200.00
45(B)	CONCRETE IN PALAILAI INTERCHANGE STRUCTURE AT STATION 9+32 (ROAD A)		L.S.	0.00	270000.00	0.00	190000.00	0.00	192190.00					0.00	156000.00
45(C)	CONCRETE IN CULVERT INLET STRUCTURE AT STATION 67+75		L.S.	0.00	5850.00	0.00	6500.00	0.00	9460.00					0.00	8500.00
45(D)	CONCRETE IN CULVERT END STRUCTURES AT STATION 110+43		L.S.	0.00	7650.00	0.00	8200.00	0.00	10020.00					0.00	10300.00
45(E)	CONCRETE IN CULVERT OUTLET STRUCTURE AT STATION 121+70		L.S.	0.00	5825.00	0.00	6600.00	0.00	9880.00					0.00	8700.00
45(F)	CONCRETE IN CULVERT OUTLET STRUCTURE AT STATION 161+29		L.S.	0.00	4500.00	0.00	5100.00	0.00	7350.00					0.00	5000.00
45(G)	CONCRETE IN CULVERT OUTLET STRUCTURE AT STATION 162+75		L.S.	0.00	3500.00	0.00	3500.00	0.00	4420.00					0.00	3300.00
48(1)	REINFORCING STEEL OTHER THAN IN BRIDGES	106345.00	LB	0.19	19142.10	0.1750	18610.39	0.18	19142.10					0.25	26586.25
48(1)I	REINFORCING STEEL OTHER THAN IN BRIDGES	56.00	LB	0.20	13.20	0.1750	11.55	0.18	11.28					0.25	15.50

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PROJECT NOS - I-H1-1(20) AND S-0900(3)				ISLAND OAHU											
TYPE CODE - 6301, Y007, Y003, Y002, Y030, Y050, X021, X220, RDW				DATE ADVERTISED - HONOLULU STAR-BULLETIN - FEB 10, 12, 14, 15, 18, 1966											
BIDS OPENED - MARCH 10, 1966															
ITEM NO.	ITEM	QUANTITY	UNIT	J.W. TANAKA CONSTR. INC.		JAS. W. CLOVER, LTD.		PACIFIC CONTRACTORS INC.						STATE DEPT. OF TRANSPORTATION	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT					UNIT PRICE	AMOUNT
48(A)	REINFORCING STEEL IN KEANANOID BRIDGE EXCLUSIVE OF PILES		L.S.	0.00	19500.00	0.00	19200.00	0.00	19714.00					0.00	31000.00
48(B)	REINFORCING STEEL IN PALAILAI INTERCHANGE STRUCTURE AT STATION 9+32(ROAD A)		L.S.	0.00	90000.00	0.00	76500.00	0.00	81844.00					0.00	115300.00
48(C)	REINFORCING STEEL IN CULVERT INLET STRUCTURE AT STATION 67+75		L.S.	0.00	510.00	0.00	500.00	0.00	514.00					0.00	340.00
48(D)	REINFORCING STEEL IN CULVERT END STRUCTURES AT STATION 110+43		L.S.	0.00	1000.00	0.00	950.00	0.00	984.00					0.00	524.00
48(E)	REINFORCING STEEL IN CULVERT OUTLET STRUCTURE AT STATION 121+75		L.S.	0.00	100.00	0.00	100.00	0.00	94.00					0.00	176.00
48(F)	REINFORCING STEEL IN CULVERT OUTLET STRUCTURE AT STATION 161+29		L.S.	0.00	600.00	0.00	575.00	0.00	597.00					0.00	670.00
48(G)	REINFORCING STEEL IN CULVERT OUTLET STRUCTURE AT STATION 162+75		L.S.	0.00	430.00	0.00	425.00	0.00	431.00					0.00	492.00
51(A)	PRECAST CONCRETE PILES	4250.00	LIN FT	12.00	51000.00	9.50	40375.00	10.30	43775.00					10.00	42500.00
52	FILTER MATERIAL	175.00	CU YD	12.00	2100.00	11.00	1925.00	12.50	2187.50					10.00	1750.00
55(1A)	METAL BRIDGE RAILING FOR KEANANOID BRIDGE	255.00	LIN FT	17.25	4415.00	17.00	4352.00	24.50	6272.00					18.00	4608.00
55(1B)	METAL BRIDGE RAILING FOR PALAILAI INTERCHANGE STRUCTURE	417.00	LIN FT	22.75	9486.75	22.00	9174.00	32.30	13469.10					22.00	9174.00
55(2)	CONCRETE RAILING AND END POSTS	308.00	LIN FT	14.50	4466.00	17.50	5390.00	22.60	6960.80					10.00	3080.00
58(1)	18-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE	14.00	LIN FT	8.00	112.00	7.00	98.00	6.75	94.50					8.00	112.00
58(1)I	18-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE	90.00	LIN FT	8.00	720.00	7.00	630.00	6.75	607.50					8.00	720.00
58(1A)I	18-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE WITH CONCRETE COLLARS	78.00	LIN FT	12.00	936.00	11.00	858.00	10.30	803.40					9.00	702.00
58(2)	18-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE	314.00	LIN FT	9.00	2826.00	7.30	2292.20	7.05	2213.70					9.00	2826.00
58(2)I	18-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE	88.00	LIN FT	9.00	792.00	7.30	642.40	7.05	620.40					9.00	792.00
58(2A)I	24-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE WITH CONCRETE COLLARS	135.00	LIN FT	11.00	1485.00	12.00	1632.00	10.90	1482.40					12.00	1632.00
58(4)	24-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE	244.00	LIN FT	10.00	2440.00	10.20	2488.80	9.60	2342.40					12.00	2928.00
58(4)I	24-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE	520.00	LIN FT	10.30	5360.00	10.20	5304.00	9.60	4992.00					12.00	6240.00
58(5)	30-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE	300.00	LIN FT	14.65	4395.00	13.25	3975.00	12.75	3825.00					15.00	4500.00
58(5)I	30-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE	480.00	LIN FT	14.65	7032.00	13.25	6360.00	12.75	6120.00					15.00	7200.00
58(6)	30-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE	560.00	LIN FT	16.30	9128.00	16.50	9240.00	16.30	9128.00					16.00	8960.00

BID TABULATION
PROJECT NOS - I-HI-1(201 AND S-0900(13)
TYPE CODE - 8201, Y001, Y003, Y002, Y050, Y060, X021, X020, ROW
BIDS OPENED - MARCH 10, 1966

PROJECTS-INTERSTATE ROUTE H-1 BARBERS POINT TO KUNIA ROAD (PALAILAI INTERCHANGE) COMPLETION TIME - 400 WORKING DAYS
AND HARRINGTON HIGHWAY, BARBERS POINT TO PILIDKOE GULCH
ISLAND OAHU
DATE ADVERTISED - HONOLULU STAR-BULLETIN - FEB 10, 12, 14, 16, 18, 1966

ITEM NO.	ITEM	QUANTITY	UNIT	J.R. TANAKA CONSTR. INC.		JAS. H. GLOVER, LTD.		PACIFIC CONTRACTORS INC.						STATE DEPT. OF TRANSPORTATION	
				52,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000	52,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000	52,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000	52,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000	52,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000	52,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000					UNIT PRICE	AMOUNT
58(6)I	30-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE	340.00	LIN FT	18.30	6222.00	16.50	5610.00	16.30	5542.00					16.00	5440.00
58(7)	36-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE	452.00	LIN FT	20.00	9160.00	16.00	7328.00	16.30	7007.40					18.00	8244.00
58(7)I	36-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE	106.00	LIN FT	20.00	2120.00	16.00	1696.00	15.30	1621.80					16.00	1908.00
58(8)I	36-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE	42.00	LIN FT	22.00	924.00	21.00	882.00	17.20	722.40					19.00	798.00
58(8A)I	36-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE WITH CONCRETE COLLARS	60.00	LIN FT	23.00	1500.00	23.00	1380.00	20.20	1212.00					21.00	1260.00
58(9)I	42-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE	224.00	LIN FT	24.00	5376.00	21.50	4816.00	19.50	4368.00					22.00	4928.00
58(10)I	42-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE	340.00	LIN FT	25.00	8500.00	22.50	7650.00	20.20	6868.00					24.00	8160.00
58(10A)I	42-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE WITH CONCRETE COLLARS	210.00	LIN FT	25.00	5250.00	25.00	5250.00	23.30	4893.00					26.00	5460.00
58(12A)I	48-INCH CLASS IV REINFORCED CONCRETE CULVERT PIPE WITH CONCRETE COLLARS	200.00	LIN FT	30.00	6000.00	30.00	6000.00	29.30	5860.00					30.00	6000.00
58(13)I	60-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE	94.00	LIN FT	40.00	3760.00	30.00	2820.00	29.30	2754.20					45.00	4230.00
58(13A)I	72-INCH CLASS III REINFORCED CONCRETE CULVERT PIPE WITH CONCRETE COLLARS	70.00	LIN FT	75.00	5250.00	55.00	3850.00	56.80	3976.00					55.00	3850.00
59(2A)II	18-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 14 GAGE	256.00	LIN FT	6.80	1740.80	5.50	1433.60	6.40	1638.40					7.00	1792.00
59(2SA)	18-INCH CORRUGATED GALVANIZED SHEET METAL SPILLWAY, 14 GAGE	114.00	LIN FT	6.50	752.40	5.75	655.50	8.85	1008.90					5.00	570.00
59(3A)II	24-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 14 GAGE	450.00	LIN FT	8.45	3802.50	7.50	3375.00	7.95	3577.50					8.50	3825.00
59(4A)II	30-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 14 GAGE	238.00	LIN FT	10.20	2427.60	9.00	2142.00	9.55	2272.20					10.00	2380.00
59(5A)II	36-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 12 GAGE	556.00	LIN FT	15.20	8451.20	14.50	8062.00	15.00	8340.00					16.00	8896.00
59(5B)II	42-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 12 GAGE	224.00	LIN FT	23.55	5275.20	17.00	3808.00	17.55	3931.20					19.00	4256.00
59(7A)II	48-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 12 GAGE	340.00	LIN FT	26.05	8857.00	19.00	6460.00	19.50	6630.00					22.00	7480.00
59(9C)II	60-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 10 GAGE	94.00	LIN FT	35.50	3346.40	36.00	3384.00	34.40	3233.60					37.00	3478.00
59(130)	84-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 8 GAGE	302.00	LIN FT	61.00	18422.00	60.00	18120.00	60.30	18210.60					63.00	19026.00
59(130)II	84-INCH CORRUGATED GALVANIZED SHEET METAL PIPE, 8 GAGE	70.00	LIN FT	61.00	4270.00	60.00	4200.00	60.30	4221.00					63.00	4410.00

BID TABULATION
PROJECT NOS - 1-41-1(20) AND 3-0900(3)
TYPE CODE - 6201, Y007, Y008, Y002, Y023, Y050, X021, X220, P0W
BIDS OPENED - MARCH 10, 1966

PROJECTS-INTERSTATE ROUTE H-1 BARRERS POINT TO KUNIA ROAD (PALAILAI INTERCHANGE) COMPLETION TIME - 400 WORKING DAYS
AND FARRINGTON HIGHWAY, BARRERS POINT TO PILICHOE CULCH
ISLAND OAHU
DATE ADVERTISED - HONOLULU STAR-BULLETIN - FEB 10, 12, 14, 16, 18, 1966

ITEM NO.	ITEM	QUANTITY	UNIT	J.M. TANAKA CONSTR. INC.		JAS. W. GLOWER, LTD.		PACIFIC CONTRACTORS INC.						STATE DEPT. OF TRANSPORTATION	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT					UNIT PRICE	AMOUNT
55(25A)17	36-INCH X 22-INCH CORRUGATED GALVANIZED SHEET METAL PIPE ARCH, 14 GAGE	100.00	LIN FT	11.50	1150.00	11.00	1100.00	11.30	1130.00					10.00	1000.00
59(25B)	42-INCH X 27-INCH CORRUGATED GALVANIZED SHEET METAL PIPE ARCH, 12 GAGE	73.00	LIN FT	18.20	600.80	18.00	594.00	16.60	547.80					17.00	561.00
59(27B)	50-INCH X 31-INCH CORRUGATED GALVANIZED SHEET METAL PIPE ARCH, 12 GAGE	114.00	LIN FT	19.80	2143.20	19.00	2166.00	19.70	2245.80					20.00	2280.00
59(27B)11	50-INCH X 31-INCH CORRUGATED GALVANIZED SHEET METAL PIPE ARCH, 12 GAGE	340.00	LIN FT	23.80	8092.00	19.00	6460.00	19.70	6698.00					20.00	6800.00
59(28B)11	58-INCH X 35-INCH CORRUGATED GALVANIZED SHEET METAL PIPE ARCH, 12 GAGE	410.00	LIN FT	21.15	8671.50	21.00	8610.00	21.40	8774.00					28.00	11480.00
60(1)	96-INCH SECTIONAL PLATE PIPE CULVERT, 12 GAGE (ELONGATED)	380.00	LIN FT	70.10	26638.00	75.00	28500.00	73.00	27760.00					70.00	26600.00
60(2)	108-INCH SECTIONAL PLATE PIPE CULVERT, 12 GAGE (ELONGATED)	260.00	LIN FT	76.80	19968.00	77.00	20020.00	79.00	20540.00					75.00	19500.00
60(3)	120-INCH SECTIONAL PLATE PIPE CULVERT, 10 GAGE (ELONGATED)	272.00	LIN FT	105.00	28560.00	100.00	27200.00	107.00	29104.00					95.00	25840.00
60(4)	16-FT 7-INCH X 10-FT 1-INCH SECTIONAL PLATE PIPE ARCH CULVERT, 1 GAGE	114.00	LIN FT	190.00	21660.00	185.00	21090.00	184.00	20976.00					220.00	25080.00
62	CEMENT RUBBLE MASONRY	99.00	CU YD	41.00	4059.00	40.30	3989.70	42.00	4158.00					40.00	3960.00
65	GRAUTED RUBBLE PAVING	342.00	CU YD	46.20	15812.40	44.50	15231.00	69.00	23538.00					40.00	13680.00
68	STANDARD C&C STREET SURVEY MONUMENTS	32.00	EACH	75.00	2400.00	50.00	1600.00	63.50	2032.00					40.00	1280.00
70(1A)	TYPE A CAST-IN-PLACE CONCRETE CURB	2000.00	LIN FT	3.20	6400.00	3.20	6400.00	3.10	6160.00					3.00	6000.00
70(1B)	TYPE D CAST-IN-PLACE CONCRETE CURB	1400.00	LIN FT	3.00	4200.00	3.00	4200.00	2.90	4060.00					3.00	4200.00
70(3A)	TYPE AG CAST-IN-PLACE CONCRETE CURB AND GUTTER	350.00	LIN FT	3.75	1312.50	4.00	1400.00	3.60	1260.00					4.00	1400.00
70(3B)	SPECIAL TYPE DG CAST-IN-PLACE CONCRETE CURB AND GUTTER	140.00	LIN FT	3.50	490.00	3.60	504.00	3.40	476.00					4.00	560.00
78	ASPHALTIC CONCRETE TRAFFIC ROLL	7.00	TON	30.00	210.00	22.00	154.00	22.00	154.00					30.00	210.00
80(2)	METAL GUARD RAIL WITH CONCRETE POST	12620.00	LIN FT	4.85	61207.00	5.75	72565.00	4.85	56683.00					4.75	59945.00
84(1)	WOOD RAIL FENCE	255.00	LIN FT	6.00	1530.00	13.00	3315.00	12.00	3060.00					14.00	3570.00
85(1)	RECONSTRUCTED WIRE FENCE	5810.00	LIN FT	1.50	8715.00	2.10	11571.00	1.80	9918.00					2.00	11020.00
85(2)	NEW POSTS FOR RECONSTRUCTED WIRE FENCE	135.00	EACH	5.00	675.00	3.10	418.50	17.00	2295.00					5.00	675.00
85(3)	NEW WIRE FOR RECONSTRUCTED WIRE FENCE	140.00	LB	1.00	140.00	0.30	42.00	2.50	350.00					0.20	28.00
85(4)	RECONSTRUCTED WOOD RAIL FENCE	60.00	LIN FT	5.00	300.00	6.00	360.00	3.50	210.00					6.00	480.00
85(5)	NEW POSTS FOR RECONSTRUCTED WOOD RAIL FENCE	5.00	EACH	10.00	50.00	22.00	110.00	35.00	175.00					10.00	50.00
97(1)	BRICK WALL FOR TYPE A WATER MANHOLE FOR 24-INCH REVEL GRADED GATE VALVE	37.00	LIN FT	100.00	3700.00	140.00	5180.00	95.30	3526.10					85.00	2035.00
97(2)	BRICK WALL FOR TYPE B WATER MANHOLE	31.00	LIN FT	50.00	1550.00	60.00	1860.00	50.50	1565.50					40.00	1240.00
97(2A)	BRICK WALL FOR CABLE MANHOLE	3.00	LIN FT	50.00	150.00	40.00	120.00	33.00	99.00					40.00	120.00
97(3)	BRICK WALL FOR TYPE E STORM DRAIN MANHOLE	8.00	LIN FT	50.00	400.00	35.00	280.00	47.00	376.00					40.00	320.00
97(4)	STANDARD VALVE BOX	4.00	EACH	100.00	400.00	110.00	440.00	84.00	336.00					80.00	320.00
98(1)	TYPE A CAST IRON FRAME AND COVER	5.00	EACH	75.00	375.00	55.00	275.00	53.00	265.00					100.00	500.00

BID TABULATION				PROJECTS-INTERSTATE ROUTE H-1 BARRERS POINT TO KUNIA ROAD (PALAILAI INTERCHANGE) COMPLETION TIME - 400 WORKING DAYS AND FARRINGTON HIGHWAY, BARRERS POINT TO PILIOLKE GULCH										STATE DEPT. OF TRANSPORTATION	
PROJECT: NPS - I-H-1-1(20) AND I-0900(3) TYPE CODE - 0201, Y007, Y003, Y002, Y030, Y050, X021, X220, ROW BIDS OPENED - MARCH 10, 1965				J.W. TANAKA CONSTR. INC. \$2,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000		JAS. W. GLOVER, LTD. \$2,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000		PACIFIC CONTRACTORS INC. \$2,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000							
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT					UNIT PRICE	AMOUNT
98(2)	TYPE B CAST IRON FRAME AND COVER	3.00	EACH	75.00	225.00	50.00	150.00	63.00	189.00					100.00	300.00
98(3)	TYPE C CAST IRON FRAME AND GRATING	4.00	EACH	150.00	600.00	110.00	440.00	85.00	340.00					100.00	400.00
98(50)	TYPE A STEEL GRATING WITH TYPE B FRAME	2.00	EACH	900.00	1200.00	800.00	1600.00	843.00	1686.00					300.00	600.00
98(4)	STANDARD 20-INCH WATER MANHOLE CAST IRON FRAME AND COVER	8.00	EACH	75.00	600.00	52.00	416.00	58.00	464.00					50.00	400.00
98(5)	STANDARD 6-INCH WATER MANHOLE CAST IRON FRAME AND COVER	8.00	EACH	40.00	240.00	25.00	150.00	24.00	144.00					20.00	120.00
99(1)	ADJUSTING STANDARD 20-INCH CAST IRON FRAME AND COVER FOR WATER MANHOLE	7.00	EACH	100.00	700.00	100.00	700.00	50.00	350.00					40.00	280.00
99(2)	ADJUSTING VALVE BOX FRAME AND COVER	14.00	EACH	75.00	1050.00	40.00	560.00	43.00	602.00					40.00	560.00
99(3)	ADJUSTING AIR VALVE BOX FRAME AND COVER	7.00	EACH	100.00	700.00	90.00	630.00	48.00	336.00					100.00	700.00
99(4)	BRICK WALL FOR RECONSTRUCTED TYPE A WATER MANHOLES	15.00	LIN FT	100.00	1500.00	140.00	2100.00	136.00	2040.00					100.00	1500.00
99(5)	ADJUSTING SPRINKLER SYSTEM VALVE BOX FRAME AND COVER	1.00	EACH	50.00	50.00	7.00	7.00	48.00	48.00					30.00	30.00
100(1)	FURNISHING AND INSTALLING 12-INCH BELL AND SPIGOT CAST IRON PIPE, CLASS 200	90.00	LIN FT	10.00	900.00	11.00	990.00	9.40	846.00					10.00	900.00
100(2)	FURNISHING AND INSTALLING 24-INCH CONCRETE CYLINDER PIPE, CLASS 150	1400.00	LIN FT	21.00	29400.00	21.00	29400.00	21.00	29400.00					18.00	25200.00
100(3)	FURNISHING AND INSTALLING CAST IRON FITTINGS	665.00	LB	0.60	399.00	0.50	332.50	0.45	299.25					0.45	299.25
100(4)	2 1/2-INCH COPPER PIPE AND APPURTENANCES	820.00	LIN FT	3.55	2924.00	3.25	2665.00	3.75	3075.00					5.00	4100.00
100(5)	1 1/2-INCH COPPER PIPE AND APPURTENANCES	100.00	LIN FT	2.25	225.00	2.50	250.00	2.80	280.00					3.00	300.00
100(6)	1 1/4-INCH COPPER PIPE AND APPURTENANCES	5.00	LIN FT	2.00	10.00	3.00	15.00	6.00	30.00					2.50	12.50
100(7)	TYPE II METER BOX	11.00	EACH	75.00	825.00	70.00	770.00	48.00	528.00					75.00	825.00
100(8)	TYPE B METER BOX	4.00	EACH	25.00	100.00	7.00	28.00	13.00	52.00					30.00	120.00
100(9)	FURNISHING AND INSTALLING 2-INCH AIR RELIEF VALVE, INCLUDING APPURTENANCES, MINIMUM WORKING PRESSURE 100 PSI	2.00	EACH	200.00	400.00	160.00	320.00	157.00	314.00					260.00	520.00
100(10)	2-INCH COPPER SERVICE LATERAL INCLUDING TYPE D COPPER SERVICE CONNECTION	1.00	EACH	300.00	300.00	375.00	375.00	334.00	334.00					200.00	200.00
100(11)	FIRE HYDRANT CURB GUARD	2.00	EACH	75.00	150.00	150.00	300.00	98.00	196.00					50.00	100.00
100(12)	RELOCATING VALVE MARKERS	8.00	EACH	25.00	200.00	15.00	120.00	18.00	144.00					30.00	240.00
100(13)	FURNISHING AND INSTALLING STANDARD VALVE MARKERS	5.00	EACH	50.00	250.00	25.00	125.00	21.00	105.00					55.00	275.00
100(14)	FURNISHING AND INSTALLING 24-INCH X 12-INCH CONCRETE CYLINDER BLOW-OFF TEE	3.00	EACH	550.00	1650.00	490.00	1470.00	591.00	1773.00					270.00	810.00
100(15)	FURNISHING AND INSTALLING 24-INCH CONCRETE CYLINDER BENDS, 0 DEG- 22 1/2 DEG (INCLUSIVE)	6.00	EACH	350.00	2100.00	325.00	1950.00	300.00	1800.00					220.00	1320.00
100(16)	FURNISHING AND INSTALLING 24-INCH CONCRETE CYLINDER BENDS, 22 1/2 DEG - 45 DEG (INCLUSIVE)	3.00	EACH	425.00	1275.00	400.00	1200.00	385.00	1155.00					280.00	840.00
100(17)	FURNISHING AND INSTALLING 24-INCH REMOVABLE PLUG TAPPED FOR 2 1/2-INCH PIPE THREAD	8.00	EACH	350.00	2800.00	320.00	2560.00	308.00	2464.00					245.00	1960.00

BID TABULATION
PROJECT NOS - I-HI-1(20) AND S-0900(3)
TYPE CODE - 6201, Y007, Y003, Y002, Y830, Y060, X021, X220, R0W
BIDS OPENED - MARCH 10, 1966

PROJECTS-INTERSTATE ROUTE H-1 BARBERS POINT TO KUNIA ROAD (PALAILAI INTERCHANGE) COMPLETION TIME - 400 WORKING DAYS
AND FARRINGTON HIGHWAY, BARBERS POINT TO PILIKOKE GULCH
ISLAND OAHU
DATE ADVERTISED - HONOLULU STAR-BULLETIN - FEB 10, 12, 14, 16, 18, 1966

ITEM NO.	ITEM	QUANTITY	UNIT	J.M. TANAKA CONSTR. INC.		JAS. W. GLOVER, LTD.		PACIFIC CONTRACTORS INC.						STATE DEPT. OF TRANSPORTATION	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT					UNIT PRICE	AMOUNT
100(18)	FURNISHING AND INSTALLING 24-INCH CONCRETE CYLINDER ADAPTOR(FLANGE AND BELL)	1.00	EACH	600.00	600.00	475.00	475.00	480.00	480.00					220.00	220.00
100(18A)	FURNISHING AND INSTALLING 24-INCH CONCRETE CYLINDER ADAPTOR(FLANGE AND SPIGOT)	1.00	EACH	600.00	600.00	475.00	475.00	480.00	480.00					220.00	220.00
100(19)	FURNISHING 6-INCH CAST IRON BELL AND SPIGOT PIPE, CLASS 150	190.00	LIN FT	3.50	665.00	3.75	712.50	3.40	646.00					3.25	617.50
100(20)	FURNISHING CAST IRON FITTINGS	110.00	LB	0.50	55.00	0.35	38.50	0.45	49.50					0.25	27.50
100(21)	FURNISHING 24-INCH CONCRETE CYLINDER BENDS, 0 DEG - 22 1/2 DEG (INCLUSIVE)	6.00	EACH	275.00	1650.00	260.00	1560.00	263.00	1578.00					180.00	1080.00
100(22)	FURNISHING 24-INCH CONCRETE CYLINDER BENDS, 22 1/2 DEG - 45 DEG (INCLUSIVE)	2.00	EACH	350.00	700.00	330.00	660.00	340.00	680.00					245.00	490.00
100(23)	FURNISHING 24-INCH SPLIT BUTT STRAP	8.90	EACH	125.00	1000.00	100.00	800.00	112.00	896.00					150.00	1200.00
100(24)	FURNISHING 24-INCH CONCRETE CYLINDER NIPPLE, ONE END SPIGOT, ONE END TO FIT BUTT STRAP	8.00	EACH	175.00	1400.00	160.00	1280.00	167.00	1336.00					180.00	1440.00
100(25)	RELOCATE 12-INCH FLAP VALVE(SPIGOT AND FLAP)	1.00	EACH	100.00	100.00	15.00	15.00	23.00	23.00					60.00	60.00
100(26)	RELOCATE 12-INCH GATE VALVE, HUB END	2.00	EACH	100.00	200.00	35.00	70.00	69.00	138.00					125.00	250.00
100(27)	RELOCATE 24-INCH REVEL GEARED GATE VALVE, PLANGED ENDS	1.00	EACH	300.00	300.00	80.00	80.00	314.00	314.00					250.00	250.00
100(28)	FURNISHING AND INSTALLING 20-INCH CONCRETE CYLINDER PIPE, CLASS 125	700.00	LIN FT	18.00	12600.00	15.50	10850.00	17.00	11900.00					15.00	11200.00
100(29)	FURNISHING AND INSTALLING 20-INCH REMOVABLE PLUG TAPPED FOR 2 1/2-INCH PIPE THREAD	2.00	EACH	500.00	500.00	275.00	550.00	277.00	554.00					150.00	300.00
100(30)	FURNISHING AND INSTALLING 20-INCH CONCRETE CYLINDER BENDS, 0 DEG-22-1/2 DEG (INCLUSIVE)	6.00	EACH	300.00	1800.00	270.00	1620.00	278.00	1668.00					250.00	1500.00
100(30A)	FURNISHING 20-INCH CONCRETE CYLINDER BENDS, 0 DEG-22 1/2 DEG (INCLUSIVE)	2.00	EACH	250.00	500.00	225.00	450.00	241.00	482.00					225.00	450.00
100(31)	FURNISHING 20-INCH SPLIT BUTT STRAP	2.00	EACH	125.00	250.00	100.00	200.00	111.00	222.00					160.00	200.00
100(32)	FURNISHING 20-INCH CONCRETE CYLINDER PIPE NIPPLE (SPIGOT AND PLAIN END)	2.00	EACH	175.00	350.00	155.00	310.00	167.00	334.00					100.00	200.00
100(33)	FURNISHING 12-INCH CAST IRON PIPE	125.00	LIN FT	8.00	1000.00	7.75	968.75	9.00	1125.00					8.00	1000.00
100(34)	FURNISHING 12-INCH GATE VALVE, HUB ENDS, 150 LBS.	1.00	EACH	250.00	250.00	250.00	250.00	257.00	257.00					250.00	250.00
100(35)	FURNISHING AND INSTALLING 12-INCH GATE VALVE, HUB ENDS, 150 LBS.	1.00	EACH	300.00	300.00	275.00	275.00	301.00	301.00					300.00	300.00
100(36)	FURNISHING AND INSTALLING HUB CLAMP FOR 12-INCH CAST IRON PIPE	1.00	EACH	50.00	50.00	25.00	25.00	39.00	39.00					50.00	50.00
103	LEVELING SURFACES		F.A.	0.00	5000.00	0.00	5000.00	0.00	5000.00					0.00	5000.00
104	IMPORTED TOP SOIL	2380.00	CU YD	4.75	11210.00	5.00	11900.00	4.75	11210.00					4.00	9440.00
105	GRADING SURFACES	110600.00	SQ FT	0.09	10674.00	0.09	10674.00	0.0280	10436.80					0.03	3558.00
106(1)	PLANTING TREES COCOS NUCIFERA(COCONUT), 10-FT HIGH BALLED AND BURLAPPED	19.00	EACH	110.00	2090.00	110.00	2090.00	106.00	2014.00					125.00	2375.00

BID TABULATION
 PROJECT NOS - 1-HI-1(20) AND 5-0900(3)
 TYPE CODE - 6201, Y001, Y003, Y002, Y030, Y060, X021, X220, R0W
 BIDS OPENED - MARCH 10, 1966

PROJECTS-INTERSTATE ROUTE H-1 BARBERS POINT TO KUNIA ROAD (PALAILAI INTERCHANGE) COMPLETION TIME - 400 WORKING DAYS
 AND FARRINGTON HIGHWAY, BARBERS POINT TO PILIOLKE GULCH
 ISLAND OAHU
 DATE ADVERTISED - HONOLULU STAR-BULLETIN - FEB 19, 19, 20, 26, 19, 1966

ITEM NO.	ITEM	QUANTITY	UNIT	J.M. TANAKA CONSTR. INC.		JAS. W. GLOVER, LTD.		PACIFIC CONTRACTORS INC.						STATE DEPT. OF TRANSPORTATION	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT					UNIT PRICE	AMOUNT
106(14)	PLANTING TREES, COCOS NOCIFERA(COCONUT), 6-FT - 8-FT HIGH IN 5 GALLON CANS	10.00	EACH	15.00	150.00	11.00	110.00	11.00	110.00					2.50	25.00
106(10)	PLANTING TREES, SAMANEA SAMAN(MONKEY POD), 20-FT HIGH BALLED AND BURLAPPED	4.00	EACH	110.00	440.00	110.00	440.00	107.00	428.00					125.00	500.00
106(10)	PLANTING TREES, SAMANEA SAMAN(MONKEY POD), 8-FT HIGH BALLED AND BURLAPPED	2.00	EACH	50.00	100.00	44.00	88.00	43.00	86.00					125.00	250.00
106(10)	PLANTING TREES, POINCIANA REGIA(POINCIANA), 6-FT - 8-FT HIGH BALLED AND BURLAPPED	4.00	EACH	60.00	240.00	55.00	220.00	54.00	216.00					125.00	500.00
106(15)	PLANTING TREES, CASSIA GLAUCA(KALAMONA), 24-INCHES HIGH IN ONE GALLON CANS	26.00	EACH	2.00	52.00	1.65	42.90	1.65	42.90					2.00	52.00
106(2)	PLANTING SHRUBS HIBISCUS CAMERONI (PINK HIBISCUS) 24-INCHES HIGH IN ONE GALLON CANS	294.00	EACH	1.65	485.10	1.65	485.10	1.65	485.10					0.50	147.00
106(2A)	PLANTING SHRUBS MURRAYA EXOTICA(MOCK ORANGE), 24-INCHES HIGH IN ONE GALLON CANS	450.00	EACH	1.65	742.50	1.65	742.50	1.65	742.50					0.25	112.50
106(2B)	PLANTING SHRUBS NERIUM OLEANDER(OLEANDER), 24-INCHES HIGH IN ONE GALLON CANS	759.00	EACH	1.65	1252.35	1.65	1252.35	1.65	1252.35					0.50	379.50
106(2C)	PLANTING SHRUBS PLUMBAGO CAPENSIS(PLUMBAGO), 12-INCHES HIGH IN ONE GALLON CANS	150.00	EACH	1.65	247.50	1.65	247.50	1.65	247.50					0.40	60.00
106(4)	CONCRETE RETAINING STRIP	380.00	LIN FT	1.20	456.00	1.70	646.00	1.50	570.00					1.20	456.00
106(5)	WHITE CRUSHED CORAL ROCK	6220.00	SQ YD	0.55	3426.50	0.45	2803.50	0.50	3115.00					0.25	1260.00
107(1)	REGULATORY AND WARNING SIGNS WITH POST	65.00	EACH	60.00	3900.00	60.00	3900.00	79.20	5148.00					50.00	3250.00
107(1A)	REGULATORY AND WARNING SIGNS WITH POST FOR DETOUR ROADS	25.00	EACH	50.00	1250.00	100.00	2500.00	112.30	2807.50					60.00	1500.00
107(2)	REGULATORY AND WARNING SIGNS	6.00	EACH	65.00	390.00	22.00	132.00	35.00	210.00					30.00	180.00
107(2A)	REGULATORY AND WARNING SIGNS FOR DETOUR ROADS	57.00	EACH	65.00	3705.00	40.00	2280.00	107.40	6121.80					35.00	1995.00
107(3)	REFLECTOR MARKERS WITH POST	98.00	EACH	20.00	1960.00	12.00	1176.00	17.90	1754.20					15.00	1470.00
107(3A)	REFLECTOR MARKERS WITH POST FOR DETOUR ROAD	23.00	EACH	20.00	460.00	13.00	299.00	17.90	411.70					20.00	460.00
107(4)	REFLECTOR MARKERS	82.00	EACH	15.00	1230.00	9.00	738.00	10.90	893.80					10.00	820.00
107(4A)	REFLECTOR MARKERS FOR DETOUR ROADS	1.00	EACH	15.00	15.00	8.00	8.00	10.00	10.00					15.00	15.00
107(5)	DESTINATION(TYPE D) SIGN PANEL	338.00	SQ FT	12.50	4225.00	12.00	4056.00	15.10	5100.80					14.00	4732.00
107(6)	EXPRESSWAY(TYPE E) SIGN PANEL	814.00	SQ FT	10.55	8587.70	8.50	6919.00	9.50	7733.00					14.00	11396.00
107(7)	POSTS AND TYPE VI CONCRETE FOUNDATIONS FOR DESTINATION SIGNS	4.00	PAIR	825.00	3300.00	1000.00	4000.00	895.00	3580.00					150.00	600.00
107(8)	POSTS AND TYPE VII CONCRETE FOUNDATIONS FOR DESTINATION SIGNS	1.00	PAIR	325.00	325.00	250.00	250.00	330.00	330.00					90.00	90.00
107(9)	POSTS FOR GROUND MOUNTED EXPRESSWAY SIGNS	158.00	LIN FT	13.35	2109.30	20.00	3160.00	29.00	4582.00					20.00	3160.00
107(10)	TYPE D SUPPORT FOR EXPRESSWAY SIGNS	1.00	EACH	11710.00	11710.00	12000.00	12000.00	13010.00	13010.00					5500.00	5500.00
107(10A)	TYPE F SUPPORT FOR EXPRESSWAY SIGNS	1.00	EACH	17200.00	17200.00	16000.00	16000.00	16485.00	16485.00					5500.00	5500.00
107(11)	TYPE IV FOOTINGS FOR EXPRESSWAY SIGNS	2.00	EACH	685.00	1370.00	1500.00	3000.00	1387.00	2774.00					350.00	700.00
107(11A)	TYPE VIII FOOTINGS FOR EXPRESSWAY SIGNS	2.00	EACH	700.00	1400.00	1000.00	2000.00	897.00	1794.00					500.00	1000.00
107(12)	TYPE VI FOOTINGS FOR GROUND MOUNTED EXPRESSWAY SIGNS	8.00	EACH	115.00	920.00	225.00	1800.00	153.00	1224.00					60.00	480.00

BID TABULATION
PROJECT NOS - J-HI-11201 AND S-090013)
TYPE CODE - 5201, Y007, Y008, Y002, Y030, Y050, X021, X220, RCW
BIDS OPENED - MARCH 10, 1966

PROJECTS-INTERSTATE ROUTE H-1 BARBERS POINT TO KUNIA ROAD (PALAILAI INTERCHANGE) COMPLETION TIME - 400 WORKING DAYS
AND FARRINGTON HIGHWAY, BARBERS POINT TO PILIKOKE GULCH
ISLAND DAM
DATE ADVERTISED - HONOLULU STAR-BULLETIN - FEB 10, 12, 14, 15, 19, 1966

ITEM NO.	ITEM	QUANTITY	UNIT	J.M. TANAKA CONSTR. INC.		JAS. W. GLOVER, LTD.		PACIFIC CONTRACTORS INC.		STATE DEPT. OF TRANSPORTATION			
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT				
108(1)	FEDERAL AID MARKERS	2.00	EACH	100.00	200.00	75.00	150.00	59.00	118.00				
108(2)	ADDITIONAL NUMBER PLATES FOR FEDERAL AID MARKERS	2.00	EACH	25.00	50.00	10.00	20.00	22.00	44.00				
111	RESET REGULATORY, WARNING AND STREET NAME SIGNS	2.00	EACH	30.00	60.00	12.00	24.00	25.00	50.00				
112(1)	HIGHWAY LIGHTING SYSTEM ON METAL LAMP POSTS (SINGLE BRACKET)		L.S.	0.00	44500.00	0.00	43625.00	0.00	43616.00				
112(2)	EXPRESSWAY SIGN LIGHTING SYSTEM		L.S.	0.00	4500.00	0.00	4450.00	0.00	4435.00				
112(3)	HIGHWAY LIGHTING SYSTEM ON BRACKETS ON JOINT POLES		L.S.	0.00	600.00	0.00	575.00	0.00	576.00				
112(3A)	TEMPORARY LIGHTING SYSTEM ON BRACKETS ON JOINT POLES		L.S.	0.00	1100.00	0.00	1050.00	0.00	1058.00				
113(1)	INSTALLING ONE 2-INCH DUCT ENCASED IN CONCRETE JACKET FOR FUTURE TRAFFIC SYSTEM	90.00	LIN FT	5.00	450.00	4.85	436.50	4.95	441.00				
113(2)	INSTALLING TWO 2-INCH DUCTS ENCASED IN CONCRETE JACKET FOR FUTURE TRAFFIC SYSTEM	150.00	LIN FT	7.00	1050.00	6.85	1027.50	6.85	1027.50				
113(3)	REMOVING AND SALVAGING EXISTING FLASHER UNITS ON FARRINGTON HIGHWAY		L.S.	0.00	200.00	0.00	205.00	0.00	199.00				
115	MAINTAINING DETOURS		P.A.	0.00	15000.00	0.00	15000.00	0.00	15000.00				
116(1)	TYPE A PLUME	180.00	LIN FT	3.40	612.00	3.25	585.00	3.40	612.00				
116(2)	TYPE C PLUME	126.00	LIN FT	4.00	504.00	4.25	535.50	4.50	567.00				
116(3)	TYPE E PLUME	158.00	LIN FT	4.50	711.00	4.10	647.80	4.50	711.00				
116(4)	TYPE G PLUME	96.00	LIN FT	5.00	480.00	7.00	672.00	5.30	508.80				
116(5)	16-INCH X 18-INCH BUILT UP PLUME WITH TYPE F AND H SECTIONS	4240.00	LIN FT	5.70	24168.00	5.25	22260.00	4.85	19716.00				
116(6)	36-INCH X 24-INCH BUILT UP PLUME WITH TYPE I SECTIONS	1230.00	LIN FT	7.50	9225.00	6.75	10762.50	9.00	11070.00				
116(7)	30-INCH X 30-INCH GROUTED RUBBLE PAVING DITCH	610.00	LIN FT	15.00	9150.00	16.00	9760.00	14.50	8845.00				
116(8)	36-INCH X 36-INCH GROUTED RUBBLE PAVING DITCH	108.00	LIN FT	20.00	2160.00	18.00	2664.00	17.30	2890.00				
116(9)	24-INCH X 24-INCH U-GATE	1.00	EACH	25.00	25.00	25.00	25.00	20.00	20.00				
116(10)	PIPE SUPPORTS FOR METAL PLUMES		L.S.	0.00	250.00	0.00	500.00	0.00	700.00				
116(11)	RELOCATING 24-INCH CAST IRON IRRIGATION LINE	205.00	LIN FT	67.50	13837.50	43.00	8815.00	40.50	9527.50				
116(12)	EARTH IRRIGATION BERM	5700.00	LIN FT	1.25	7125.00	1.50	8550.00	1.25	7125.00				
116(13)	18-INCH SIPHON PIPE	165.00	LIN FT	13.10	2174.50	12.50	2075.00	15.00	2490.00				
119(1)	RELOCATING LAMP POSTS		L.S.	0.00	700.00	0.00	690.00	0.00	727.00				
119(2)	RELOCATING SPRINKLER SYSTEM		L.S.	0.00	450.00	0.00	110.00	0.00	240.00				
119(3)	LOWERING EXISTING GALVANIZED STEEL PIPES	70.00	LIN FT	9.05	635.50	13.00	910.00	7.00	490.00				
119(4)	INSTALLING GALVANIZED WROUGHT IRON PIPES	115.00	LIN FT	13.85	1592.75	13.40	1541.00	14.00	1702.00				
120(1)	EXCAVATION FOR ELECTRIC AND TELEPHONE STRUCTURES	130.00	CU YD	55.50	7215.00	54.35	7065.50	54.40	7070.00				
120(2)	EXCAVATION FOR POLES	494.00	LIN FT	20.20	9978.80	19.80	9781.20	19.90	9830.60				
120(3)	CLASS #1 CONCRETE FOR ELECTRIC AND TELEPHONE STRUCTURES	30.00	CU YD	215.00	6450.00	205.00	6150.00	205.00	6150.00				

BID TABULATION				PROJECTS-INTERSTATE ROUTE H-1 EARRERS POINT TO KUNIA ROAD (PALAHLAT INTERCHANGE) COMPLETION TIME - 400 WORKING DAYS AND FARRINGTON HIGHWAY, EARRERS POINT TO PILICKOE CULCH											
PROJECT NOS - I-H1-11(20) AND S-0900(3)				ISLAND OAHU											
TYPE CODE - 6201, Y007, Y003, Y002, Y030, Y060, X021, X220, ROW				DATE ADVERTISED - HONOLULU STAR-GAZETTE - FEB 10, 12, 14, 16, 18, 1966											
BIDS OPENED - MARCH 10, 1966															
				J.P. TANAKA CONSTR. INC.		JAS. E. OLIVER, LTD.		PACIFIC CONTRACTORS INC.						STATE DEPT. OF TRANSPORTATION	
				\$2,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000		\$2,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000		\$2,500 + 2 PER CENT OF AMOUNT BID OVER \$50,000							
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT					UNIT PRICE	AMOUNT
120(4)	REINFORCING STEEL FOR ELECTRIC AND TELEPHONE STRUCTURES	3000.00	LB	0.35	1050.00	0.32	960.00	0.32	960.00					0.28	840.00
120(5)	INSTALL POLE ANCHORS	68.00	EACH	160.00	7680.00	158.00	7584.00	158.75	7520.00					70.00	3360.00
120(6)	INSTALL PRECAST CONCRETE SERVICE BOX	1.00	EACH	130.00	130.00	125.00	125.00	125.00	125.00					103.00	103.00
120(7)	INSTALL PRECAST CONCRETE PULLBOX	1.00	EACH	150.00	150.00	145.00	145.00	147.00	147.00					100.00	100.00
120(8)	INSTALL TWO 4-INCH TRANSITE DUCTS ENCASED IN PLAIN CONCRETE JACKET	120.00	LIN FT	8.50	1020.00	8.10	972.00	8.10	972.00					9.50	1080.00
120(9)	INSTALL EIGHT 2-INCH TRANSITE CONDUITS ENCASED IN REINFORCED CONCRETE JACKET	205.00	LIN FT	28.00	5740.00	27.00	5535.00	27.10	5555.50					18.00	3690.00
120(10)	INSTALL EIGHT 4-INCH PLASTIC DUCTS ENCASED IN PLAIN CONCRETE JACKET	1540.00	LIN FT	17.00	26180.00	16.45	25333.00	16.50	25410.00					14.20	21928.00
120(11)	INSTALL ONE 2-INCH GALVANIZED IRON PIPE DIRECT BURIAL	30.00	LIN FT	3.00	90.00	2.85	85.50	2.90	87.00					1.00	30.00
120(12)	* INSTALL ONE 3-INCH TRANSITE CONDUIT ENCASED IN PLAIN CONCRETE JACKET AND ONE 1-INCH GALVANIZED IRON PIPE DIRECT BURIAL(JOINT)	100.00	LIN FT	6.50	650.00	6.15	615.00	6.15	615.00					5.50	550.00
120(13)	* INSTALL TWO 4-INCH TRANSITE DUCTS ENCASED IN PLAIN CONCRETE JACKET AND ONE 2-INCH GALVANIZED IRON PIPE DIRECT BURIAL(JOINT)	150.00	LIN FT	8.00	1200.00	7.60	1140.00	7.65	1147.50					9.50	1425.00
	SUM OF ALL ITEMS				3971496.00		3971600.78		4893775.38						3918798.50

TABULATION OF BIDS

Project No I-H1-1(20)
Type Code : S-0900(3)
Bids Opened: 6201, Y007, Y003, Y002, Y030, Y060, X021, X220, ROW
 March 10, 1966

Project: Interstate Route H-1, Barber's Point to Kunia Road (Palailai Interchange)
 Farrington Highway, Barber's Point to Piliokoe Gulch
Island: Oahu
Date Advertised: Honolulu Star-Bulletin - Feb. 10, 12, 14, 16, 18, 1966

Completion Time: 400 Working Days

ITEM NO.	ITEM	QUANTITY	UNIT USED	J. M. TANAKA CONSTR. INC. \$2,500 + 2 Per Cent of Amount Bid Over \$50,000		JAS. W. GLOVER, LTD. \$2,500 + 2 Per Cent of Amount Bid Over \$50,000		PACIFIC CONTRACTORS INC. \$2,500 + 2 Per Cent of Amount Bid Over \$50,000		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	STATE DEPT. OF TRANSPORTATION	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT					UNIT PRICE	AMOUNT
	SUM OF ALL ITEMS				\$ 3,971,496.90		\$ 3,977,660.78		\$ 4,893,775.38						\$ 3,918,798.50
	<u>ALTERNATES</u>														
	Deduct the more expensive sum of each group.														
	GROUP I														
	Item 46(2)I, 48(1)I, 58(1)I, 58(2)I, 58(1A)I			\$ 2,641.20	(2,641.20)	\$ 2,321.95	(2,321.95)	\$ 2,237.18	(2,237.18)					\$ 2,410.50	(2,410.50)
	Item 59(2A)II			1,740.80		1,433.60		1,638.40						1,792.00	
	GROUP II														
	Item 58(3A)I, 58(4)I, 58(5)I, 58(6)I, 58(7)I														
	58(8)I, 58(8A)I			24,494.00	(24,494.00)	22,864.00	(22,864.00)	21,692.60						24,478.00	(24,478.00)
	Item 59(3A)II, 59(4A)II, 59(5B)II, 59(25A)II, 59(27B)II			22,223.30		21,139.00		22,018.40	(22,018.40)					22,901.00	
	GROUP III														
	Item 58(9)I, 58(10)I, 58(10A)I, 58(12A)I			25,126.00	(25,126.00)	23,716.00	(23,716.00)	21,989.00	(21,989.00)					24,548.00	(24,548.00)
	Item 59(6B)II, 59(7B)II, 59(28B)II			22,803.70		18,878.00		19,335.20						23,216.00	
	GROUP IV														
	Item 58(15)I			3,760.00	(3,760.00)	2,820.00		2,754.20						4,230.00	(4,230.00)
	Item 59(9C)II			3,346.40		3,384.00	(3,384.00)	3,233.60	(3,233.60)					3,478.00	
	GROUP V														
	Item 58(19A)I			5,250.00	(5,250.00)	3,850.00		3,976.00						3,850.00	
	Item 59(13D)II			4,270.00		4,200.00	(4,200.00)	4,221.00	(4,221.00)					4,410.00	(4,410.00)
	GROUP VI														
	Item 107(10), 107(11)			13,080.00		15,000.00		15,784.00						6,200.00	
	Item 107(10A), 107(11A)			18,600.00	(18,600.00)	18,000.00	(18,000.00)	18,279.00	(18,279.00)					6,500.00	(6,500.00)
	SUM TOTAL (Deductible Alternates)				(79,871.20)		(74,485.95)		(71,978.18)						(66,576.50)
	AMOUNT FOR COMPARISON OF BIDS				\$ 3,891,625.70		\$ 3,903,174.83		\$ 4,821,797.20						\$ 3,852,222.00)
	I certify that this is a true and correct tabulation of the bids opened for this project.														
	<i>Seung Fa Yuen</i> Design Engineer														