

TABULATION OF BIDS

PROJECT: KEAAU-PAHOA ROAD, VICINITY OF KAHAKAI BOULEVARD TO KAPOHO AND KALAPANA ROADS JUNCTION PROJECT No.: RS-0130(20) ISLAND: HAWAII TYPE CODE: I000, Y007, Y030, Y060 AND Y080 DATE ADVERTISED: MAY 10, 12 AND 15, 1989 BIDS OPENED: JUNE 1, 1989 COMPLETION TIME: ONE HUNDRED EIGHTY (180) WORKING DAYS	M. SONOMURA	ISEMOTO CONTRACTING	JAS.W.GLOVER	HAITSUKA BROTHERS	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
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ITEM No.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
203.0100	ROADWAY EXCAVATION	22,600.00	CU YDS	\$ 6.50	\$ 146,900.00	\$ 5.20	\$ 117,520.00	\$ 11.00	\$ 248,600.00	\$ 14.00	\$ 316,400.00	\$ 7.00	\$ 158,200.00
203.0210	IMPORTED BORROW	55,100.00	CU YDS	9.00	495,900.00	8.95	493,145.00	15.00	826,500.00	17.00	936,700.00	10.00	551,000.00
206.2020	STRUCTURAL EXCAVATION FOR DRAINAGE SYSTEM	2,200.00	CU YDS	13.00	28,600.00	44.50	97,900.00	65.00	143,000.00	20.00	44,000.00	23.00	50,600.00
206.2040	STRUCTURE EXCAVATION FOR WATER SYSTEM	40.00	CU YDS	135.00	5,400.00	125.00	7,000.00	50.00	2,000.00	150.00	6,000.00	50.00	2,000.00
304.1110	AGGREGATE BASE COURSE	15,000.00	CU YDS	27.00	405,000.00	28.00	420,000.00	34.00	510,000.00	30.00	450,000.00	23.00	345,000.00
305.1110	AGGREGATE SUBBASE COURSE	11,000.00	CU YDS	22.00	242,000.00	25.00	275,000.00	28.00	308,000.00	25.00	275,000.00	20.00	220,000.00
401.0500	ASPHALT CONCRETE PAVEMENT MIX NO. V	13,000.00	TON	51.00	663,000.00	50.00	650,000.00	53.00	689,000.00	54.00	702,000.00	50.00	650,000.00
503.0020	CLASS A CONCRETE FOR DRAINAGE SYSTEM	16.00	CU YDS	520.00	8,320.00	900.00	14,400.00	550.00	8,800.00	1,000.00	16,000.00	400.00	6,400.00
503.2020	CLASS B CONCRETE FOR DRAINAGE SYSTEM	115.00	CU YDS	400.00	46,000.00	725.00	83,375.00	700.00	80,500.00	600.00	69,000.00	375.00	43,125.00
503.2050	CLASS B CONCRETE FOR WATER SYSTEM	1.00	CU YDS	160.00	160.00	300.00	300.00	400.00	400.00	2,000.00	2,000.00	400.00	400.00
602.1020	REINFORCING STEEL FOR DRAINAGE SYSTEM	2,400.00	LB	1.50	3,600.00	2.10	5,040.00	1.50	3,600.00	1.00	2,400.00	1.00	2,400.00
603.2200	43" x 27" CORRUGATED METAL PIPE ARCH, SHEET THICKNESS, 0.138 INCH	260.00	LIN FT	115.00	29,900.00	63.00	16,300.00	75.00	19,500.00	80.00	20,800.00	102.00	26,520.00
603.2201	72" x 44" CORRUGATED METAL PIPE ARCH, SHEET THICKNESS, 0.138 INCH	98.00	LIN FT	175.00	17,150.00	111.00	10,878.00	115.00	11,270.00	130.00	12,740.00	167.00	16,366.00
603.2202	79" x 49" CORRUGATED METAL PIPE ARCH, SHEET THICKNESS, 0.138 INCH	219.00	LIN FT	200.00	43,800.00	128.00	28,032.00	130.00	28,470.00	140.00	30,660.00	300.00	65,700.00
603.2203	60" TO 72" x 44" CURRUGATED METAL PIPE COUPLING BAND, SHEET THICKNESS, 0.138 INCH	16.00	LIN FT	120.00	1,920.00	150.00	2,400.00	100.00	1,600.00	200.00	3,200.00	210.00	3,360.00
603.6020	42 INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.138 INCH OR 42 INCH REINFORCED CONCRETE PIPE, CLASS III	218.00	LIN FT	100.00	21,800.00	64.50	14,061.00	80.00	17,440.00	85.00	18,530.00	106.00	23,108.00
603.6022	42 INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.138 INCH OR 42 INCH REINFORCED CONCRETE PIPE, CLASS IV	61.00	LIN FT	100.00	6,100.00	64.50	3,934.50	80.00	4,880.00	85.00	5,185.00	106.00	6,466.00

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PROJECT No.: RS-0130(20)

ISLAND: HAWAII **TYPE CODE:** I000, Y007, Y030, Y060 AND Y080

DATE ADVERTISED: MAY 10, 12 AND 15, 1989

BIDS OPENED: JUNE 1, 1989

COMPLETION TIME: ONE HUNDRED EIGHTY (180) WORKING DAYS

M. SONOMURA

ISEMOTO CONTRACTING

JAS.W.GLOVER

HAITSUKA BROTHERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ITEM No.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
603.6142	48 INCH CORRUGATED METAL PIPE SHEET THICKNESS, 0.138 INCH OR 48 INCH REINFORCED CONCRETE PIPE, CLASS IV	165.00	LIN FT	115.00	18,975.00	73.00	12,045.00	85.00	14,025.00	95.00	15,675.00	122.00	20,130.00
603.6260	54 INCH CORRUGATED METAL PIPE, SHEET THICKNESS 0.138 INCH OR 54 INCH REINFORCED CONCRETE PIPE, CLASS III	61.00	LIN FT	120.00	7,320.00	92.00	5,612.00	100.00	6,100.00	100.00	6,100.00	135.00	8,235.00
603.6342	60 INCH CORRUGATED METAL PIPE, SHEET THICKNESS 0.138 INCH OR 60 INCH REINFORCED CONCRETE PIPE, CLASS IV	168.50	LIN FT	160.00	26,960.00	100.00	16,850.00	110.00	18,535.00	120.00	20,220.00	150.00	25,275.00
603.6541	24 INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 24 INCH REINFORCED CONCRETE PIPE, CLASS III	156.00	LIN FT	65.00	10,140.00	38.50	6,006.00	45.00	7,020.00	60.00	9,360.00	50.00	7,800.00
603.6544	30 INCH CORRUGATED METAL PIPE, SHEET THICKNESS 0.109 INCH OR 30 INCH REINFORCED CONCRETE PIPE, CLASS III	87.00	LIN FT	70.00	6,090.00	41.00	3,567.00	50.00	4,350.00	70.00	6,090.00	62.00	5,394.00
**603.6545	30 INCH CORRUGATED METAL PIPE, SHEET THICKNESS, 0.109 INCH OR 30 INCH REINFORCED CONCRETE PIPE, CLASS IV	263.00	LIN FT	70.00	18,410.00	41.00	10,783.00	50.00	13,150.00	70.00	18,410.00	62.00	16,306.00
603.9006	54 INCH FLARED END SECTION FOR CORRUGATED METAL PIPE CULVERT OR 54 INCH CONCRETE FLARED END SECTION	2.00	*EA	1,800.00	3,600.00	1,920.00	3,840.00	2,000.00	4,000.00	2,500.00	5,000.00	2,900.00	5,800.00
604.0410	STANDARD WATER VALVE BOX	1.00	*EA	275.00	275.00	260.00	260.00	300.00	300.00	1,000.00	1,000.00	350.00	350.00
604.0430	COUNTY OF HAWAII STANDARD AIR VALVE BOX	2.00	*EA	545.00	1,090.00	380.00	760.00	300.00	600.00	1,000.00	2,000.00	350.00	700.00
604.2060	20 INCH CAST IRON FRAME AND COVER FOR WATER VALVE BOX	1.00	*EA	545.00	545.00	380.00	380.00	650.00	650.00	500.00	500.00	290.00	290.00
604.2262	20 INCH CAST IRON FRAME AND COVER FOR AIR VALVE BOX	2.00	*EA	545.00	1,090.00	380.00	760.00	650.00	1,300.00	500.00	1,000.00	290.00	580.00

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ITEM No.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
604.2330	TYPE 61614 STEEL FRAME AND GRATE (DOMESTIC STEEL)	*EA	1.00	1,050.00	1,050.00	4,440.00	4,440.00	2,300.00	2,300.00	1,500.00	1,500.00	1,700.00	1,700.00
604.2340	TYPE 61616 STEEL FRAME AND GRATE (DOMESTIC STEEL)	*EA	1.00	1,500.00	1,500.00	4,820.00	4,820.00	2,600.00	2,600.00	1,500.00	1,500.00	120.00	120.00
606.3110	GUARD RAIL, TYPE 3-SINGLE WITH STEEL POST (DOMESTIC STEEL)	LIN FT	6,600.00	23.50	155,100.00	23.00	151,800.00	24.00	158,400.00	26.00	171,600.00	31.00	204,600.00
612.0100	GROUTED RUBBLE PAVING	CU YDS	10.00	470.00	4,700.00	300.00	3,000.00	250.00	2,500.00	500.00	5,000.00	210.00	2,100.00
613.0100	REFERENCE SURVEY MONUMENTS	EA	11.00	150.00	1,650.00	175.00	1,925.00	135.00	1,485.00	500.00	5,500.00	150.00	1,650.00
618.0100	GRASSED SURFACES	SQ FT	183,000.00	0.75	137,250.00	1.30	237,900.00	1.05	192,150.00	1.25	228,750.00	0.75	137,250.00
621.0200	PANEL FOR DESTINATION SIGN	SQ FT	200.00	35.50	7,100.00	34.00	6,800.00	35.00	7,000.00	37.00	7,400.00	50.00	10,000.00
621.1300	BREAKAWAY SIGN POST AND FOUNDATION FOR DESTINATION SIGN (DOMESTIC STEEL)	EA	16.00	1,165.00	18,640.00	1,155.00	18,480.00	1,200.00	19,200.00	1,265.00	20,240.00	500.00	8,000.00
621.4000	REFLECTOR MARKER	EA	16.00	8.50	136.00	9.00	144.00	10.00	160.00	10.00	160.00	30.00	480.00
621.5000	REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS)	EA	1.00	70.00	70.00	70.00	70.00	100.00	100.00	200.00	200.00	130.00	130.00
621.5100	REGULATORY AND WARNING SIGN (10 SQUARE FEET OR LESS) WITH POST	EA	26.00	175.00	4,550.00	173.00	4,498.00	185.00	4,810.00	200.00	5,200.00	200.00	5,200.00
621.5400	REGULATORY AND WARNING SIGNS (CONSTRUCTION)	EA	33.00	260.00	8,580.00	260.00	8,580.00	270.00	8,910.00	300.00	9,900.00	150.00	4,950.00
621.7120	CONSTRUCTION SIGN WITH TWO POSTS	EA	5.00	435.00	2,175.00	430.00	2,150.00	450.00	2,250.00	500.00	2,500.00	200.00	1,000.00
622.0010	HIGHWAY LIGHTING SYSTEM, MULTIPLE CIRCUIT-MAST ARM ON METAL LAMP POST	L.S.		L.S.	64,000.00	L.S.	61,370.00	L.S.	82,500.00	L.S.	70,000.00	L.S.	82,000.00
***624.1110	FURNISHING AND INSTALLING 8 INCH M.J. DUCTILE IRON PIPE (CLASS 200)	LIN FT	60.00	90.00	5,400.00	30.00	1,800.00	40.00	2,400.00	100.00	6,000.00	23.00	1,380.00
623.5011	FURNISH AND INSTALL TWO 2-INCH CONDUIT SCHEDULE 80 (260 LIN FT)	L.S.		L.S.	4,500.00	L.S.	4,270.00	L.S.	2,000.00	L.S.	3,500.00	L.S.	4,500.00
623.6011	FURNISH AND INSTALL TYPE B PULLBOX WITH MODIFIED COVER	EA	5.00	225.00	1,125.00	220.00	1,100.00	170.00	850.00	250.00	1,250.00	225.00	1,125.00

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624.1172	FURNISHING AND INSTALLING 8 INCH GATE VALVE (CLASS 150)	1.00	EA	510.00	510.00	440.00	440.00	450.00	450.00	600.00	600.00	150.00	150.00
624.1274	FURNISHING AND INSTALL 1 INCH AIR RELIEF VALVE (150 PSI MINIMUM WORKING PRESSURE) AND ALL APPURTENANCES	2.00	EA	510.00	1,020.00	385.00	770.00	325.00	650.00	1,200.00	2,400.00	575.00	1,150.00
624.1640	FURNISHING AND INSTALLING CAST IRON FITTINGS	800.00	LB	3.00	2,400.00	4.20	3,360.00	2.00	1,600.00	4.00	3,200.00	2.50	2,000.00
624.1692	FURNISHING AND INSTALLING 3 INCH GALVANIZED IRON PIPE	60.00	LIN FT	30.00	1,800.00	30.00	1,800.00	25.00	1,500.00	50.00	3,000.00	30.00	1,800.00
624.1784	REMOVING AND REINSTALLING EXISTING METER BOX INCLUDING CAST IRON COVER TO NEW LOCATION	9.00	EA	90.00	810.00	70.00	630.00	250.00	2,250.00	500.00	4,500.00	1,000.00	9,000.00
624.1846	FURNISHING AND INSTALLING 1-1/4 INCH SINGLE SERVICE LATERL AND ALL APPURTENANCES BETWEEN EXISTING LATERAL AND RELOCATED WATER METER	380.00	LIN FT	25.00	9,500.00	9.00	3,420.00	11.00	4,180.00	40.00	15,200.00	7.00	2,660.00
624.1850	FURNISHING AND INSTALLING 1-1/2 INCH MULTIPLE SERVICE LATERL AND ALL APPURTENANCES BETWEEN EXISTING LATERL AND RELOCATED WATER METERS	180.00	LIN FT	35.00	6,300.00	18.00	3,240.00	14.00	2,520.00	45.00	8,100.00	8.00	1,440.00
624.4670	REMOVING, CLEANING, PAINTING, AND REINSTALLING FIRE HYDRANT	1.00	EA	2,500.00	2,500.00	1,380.00	1,380.00	850.00	850.00	2,000.00	2,000.00	1,500.00	1,500.00
629.1010	PAVEMENT STRIPING	40,800.00	LIN FT	0.40	16,320.00	0.48	19,584.00	0.50	20,400.00	0.40	16,320.00	1.00	40,800.00
629.1021	CROSSWALK MARKING	14.00	LANE	160.00	2,240.00	62.00	868.00	65.00	910.00	100.00	1,400.00	160.00	2,240.00
629.1030	PAVEMENT ARROWS	20.00	EA	45.00	900.00	19.00	380.00	20.00	400.00	100.00	2,000.00	80.00	1,600.00
629.1040	PAVEMENT WORD	8.00	EA	55.00	440.00	19.00	152.00	20.00	160.00	60.00	480.00	100.00	800.00
629.2010	TYPE A PAVEMENT MARKERS	230.00	EA	3.20	736.00	2.50	575.00	2.70	621.00	4.00	920.00	3.00	690.00
629.2030	TYPE C PAVEMENT MARKERS	160.00	EA	4.25	680.00	4.70	752.00	5.00	800.00	5.00	800.00	5.50	880.00
629.2040	TYPE D PAVEMENT MARKERS	350.00	EA	4.25	1,487.50	4.60	1,610.00	5.00	1,750.00	5.00	1,750.00	5.50	1,925.00
629.2070	TYPE H PAVEMENT MARKERS	260.00	EA	4.24	1,102.40	4.50	1,170.00	4.50	1,170.00	5.00	1,300.00	5.50	1,430.00
629.2080	TYPE J PAVEMENT MARKERS	720.00	EA	3.20	2,304.00	2.50	1,800.00	2.70	1,944.00	4.00	2,880.00	3.00	2,160.00

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636.0200	FIELD OFFICE (12X32)(NOT TO EXCEED \$25,000)		L.S.	L.S.	25,000.00	L.S.	25,000.00	L.S.	25,000.00	L.S.	25,000.00	L.S.	25,000.00
636.1010	PROJECT SITE LABORATORY (NOT TO EXCEED \$15,000)		L.S.	L.S.	15,000.00	L.S.	15,000.00	L.S.	15,000.00	L.S.	15,000.00	L.S.	15,000.00
645.0002	POLICE OFFICERS AND ADDITIONAL TRAFFIC CONTROL DEVICES		F.A.	F.A.	25,000.00	F.A.	25,000.00	F.A.	25,000.00	F.A.	25,000.00	F.A.	25,000.00
698.0100	TRAINING (2 TRAINEES)	2,000.00	HR	0.80	1,600.00	0.80	1,600.00	0.80	1,600.00	0.80	1,600.00	0.80	1,600.00
699.1000	MOBILIZATION (NOT TO EXCEED 6 PER CENT OF THE SUM OF ALL ITEMS, EXCLUDING THIS ITEM)		L.S.	L.S.	150,000.00	L.S.	125,200.00	L.S.	94,040.00	L.S.	175,000.00	L.S.	156,000.00
	AMOUNT FOR COMPARISON OF BIDS				<u>\$2,945,220.90</u>		<u>\$3,047,223.50</u>		<u>\$3,666,000.00</u>		<u>\$3,844,620.00</u>		<u>\$3,022,515.00</u>

I certify that this is a true and correct tabulation of bids opened for this project.

F. H. Abeshima 6-27-89
Fred Abeshima Date
Project Manager

* Unit changed from LIN FT to EA

** Item No. changed from 603.6544 to 603.6545

*** Item No. changed from 622.1110 to 624.1110