

TABULATION OF BIDS

SUB-STRATA INVESTIGATION
HAWAII BELT ROAD
FEDERAL AID PROJECT NO. F 019-2(2)
DISTRICTS OF NORTH HILO & HAMAKUA
ISLAND OF HAWAII
JOB NO. 5824

First Advertised in the Honolulu Star Bulletin
Issue of August 1, 1956

(Opened Thursday, August 16, 1956)

Item No.	Item	Unit Used	Quantity	PACIFIC DRILLING CO., LTD.		SAMSON & SMOCK, LTD.		NAT. WHITON		TERRITORY OF HAWAII	
				Bid Bond - 5% of Am't. Bid	Price	Bid Bond - 5% of Max. Am't. Bid	Price	Bid Bond - 5% of Max. Am't. Bid	Price	Price	Amount
121	Drill Holes, Type A	lin. ft.	500	\$ 12.50	\$ 6,250.00	\$ 18.90	\$ 9,450.00	\$ 22.50	\$ 11,250.00	\$ 10.00	\$ 5,000.00
121(1)	Drill Holes, Type B	lin. ft.	225	9.00	2,025.00	18.90	4,252.50	20.00	4,500.00	12.00	2,700.00
121(2)	Drill Holes, Type C	lin. ft.	245	14.00	3,430.00	6.20	1,519.00	15.00	3,675.00	8.00	1,960.00
121(3)	Reaming Drill Holes, Type A	lin. ft.	100	N. L.	N. L.	3.50	350.00	15.00	1,500.00	7.00	700.00
SUM OF ALL ITEMS				\$ 11,705.00		\$ 15,571.50		\$ 20,925.00		\$ 10,360.00	

TABULATION OF BIDS

Project No. F-019-2(2)
Job No. 5907
Type Code: 6201, R/W, X231, X021
Bids Opened: October 24, 1957

Project: Hawaii Belt Road: Kaiwika to Ooakala
Island: Hawaii
Date Advertised: Honolulu Star-Bulletin 10/2/57; Hilo Tribune 10/3/57

ITEM NO.	ITEM	UNIT USED	QUANTITY	S. K. ODA, LTD. Bid Bond - \$2500 + 2% Amt. Bid over \$50,000.		JAS. W. GLOVER, LTD. Bid Bond - \$2500 + 2% Amt. Bid over \$50,000.		MOSES AKIONA, LTD. Bid Bond - \$2500 + 2% Amt. Bid over \$50,000.		HONOLULU BUILDERS, LTD. Bid Bond - \$2500 + 2% Amt. Bid over \$50,000.						TERRITORY OF HAWAII	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
13	Roadway Exc	cy	105,000	\$.90	\$ 94,500.00	\$ 1.00	\$ 105,000.00	\$ 1.07	\$ 112,350.00	\$ 0.95	\$ 99,750.00					\$ 1.00	\$ 105,000.00
14(1)	Struc Exc other than Bridge	cy	1,100	2.53	2,783.00	4.00	4,400.00	2.50	2,750.00	4.00	4,400.00					5.00	5,500.00
14(2)	Struc Exc for Bridge	cy	4,000	6.00	24,000.00	6.00	24,000.00	6.00	24,000.00	7.00	28,000.00					7.00	28,000.00
20	Special Rock Fill	cy	270	3.00	810.00	6.00	1,620.00	8.50	2,295.00	10.00	2,700.00					8.00	2,160.00
22	Reshaping Road Surface	sy	1,700	1.00	1,700.00	.30	510.00	2.00	3,400.00	0.80	1,360.00					.25	425.00
23	Sprinkling	M gal	750	3.00	2,250.00	3.00	2,250.00	3.00	2,250.00	3.50	2,625.00					3.00	2,250.00
24(1)	Select Borrow Subbase Course	cy	44,000	1.70	74,800.00	2.25	99,000.00	1.87	82,280.00	3.25	143,000.00					2.00	88,000.00
27(1)	Coarse Rock WB Mac BC	cy	3,500	8.35	29,225.00	7.00	24,500.00	7.93	27,755.00	6.25	21,875.00					6.50	22,750.00
27(2)	Filler WB Mac BC	cy	1,200	9.90	11,880.00	8.25	9,900.00	8.63	10,356.00	7.00	8,400.00					7.00	8,400.00
30(1)	Slow Curing Liq Asph Prime Coat	gal	8,500	.25	2,125.00	.23	1,955.00	.25	2,125.00	0.24	2,040.00					.20	1,700.00
31	Emul Asph Pen Type Tack Coat	gal	290	.40	116.00	.35	101.50	.40	116.00	0.37	107.30					.40	116.00
39(2)	Asph Conc Pavement Mix No. III	ton	3,000	14.80	44,400.00	14.05	42,150.00	14.75	44,250.00	14.90	44,700.00					15.00	45,000.00
46(1)	Class A-1 Conc other than Bridge	cy	60	80.00	4,800.00	50.00	3,000.00	75.00	4,500.00	80.00	4,800.00					90.00	5,400.00
46(2)	Class B-1 Conc other than Bridge	cy	45	70.00	3,150.00	64.00	2,880.00	75.00	3,375.00	80.00	3,600.00					65.00	2,925.00
46A	Conc in Bridges incl railings	LS			174,922.00		197,500.00		206,448.00		208,794.00						165,000.00
46B	Conc in Box Culverts	LS			19,200.00		19,000.00		18,970.00		20,325.00						17,700.00
48(1)	Reinf Steel other than Bridge	lb	1,550	.18	279.00	0.23	356.50	.19	294.50	0.18	279.00					.16	248.00
48A	Reinf Steel in Bridges incl railings	LS			82,300.00		83,500.00		82,542.50		83,328.00						70,250.00
48B	Reinf Steel in Box Culv	LS			4,900.00		4,800.00		4,972.00		4,791.00						4,100.00
49A	Struc Steel in Bridges	LS			7,200.00		8,000.00		9,253.00		6,813.00						11,250.00
49B	Furn New Struc Steel in Bridges	LS			1,100.00		700.00		1,181.00		802.00						255.00
52	Filter Material	cy	220	4.60	1,012.00	5.50	1,210.00	8.00	1,760.00	5.25	1,155.00					5.50	1,210.00
58(3a)	24" SS RCCP w/CC	lf	24	9.00	216.00	10.00	240.00	8.20	196.80	10.00	240.00					10.00	240.00
58(4a)	24" ES RCCP w/CC	lf	140	10.00	1,400.00	12.00	1,680.00	9.65	1,351.00	12.00	1,680.00					12.00	1,680.00
58(8a)	36" ES RCCP w/CC	lf	160	19.00	3,040.00	18.50	2,960.00	16.20	2,592.00	20.00	3,200.00					20.00	3,200.00
58(12a)	48" ES RCCP w/CC	lf	72	30.00	2,160.00	30.00	2,160.00	27.90	2,008.80	30.00	2,160.00					30.00	2,160.00
58(13a)	54" SS RCCP w/CC	lf	56	40.00	2,240.00	46.00	2,576.00	49.00	2,744.00	45.00	2,520.00					65.00	3,640.00
62	CRM	cy	225	28.00	6,300.00	28.50	6,412.50	35.00	7,875.00	32.00	7,200.00					30.00	6,750.00
65	GRP	cy	100	22.00	2,200.00	34.00	3,400.00	41.00	4,100.00	40.00	4,000.00					25.00	2,500.00
67	Centerline Monuments	ea	7	11.00	77.00	12.00	84.00	15.00	105.00	10.00	70.00					10.00	70.00
72(2)	Reconstruc Precast Conc Gutter	lf	200	1.20	240.00	.75	150.00	1.50	300.00	2.00	400.00					1.00	200.00
79(2)	Wood Guard Rail w/CP	lf	3,000	3.40	10,200.00	3.25	9,750.00	2.52	7,560.00	3.85	11,550.00					3.75	11,250.00
81(1)	Recon Guard Rail	lf	261	2.00	522.00	1.35	352.35	1.80	469.80	2.50	652.50					1.00	261.00
85(1)	Recon Fence	lf	220	1.10	242.00	0.70	154.00	1.50	330.00	1.00	220.00					.75	165.00
85(2)	New Posts Recon Fence	ea	10	3.00	30.00	2.50	25.00	10.00	100.00	3.00	30.00					2.50	25.00
85(3)	New Wire Recon Fence	lb	20	.25	5.00	.25	5.00	1.00	20.00	0.20	4.00					.20	4.00
96	Mov Exist Pipe Lines	lf	300	.22	66.00	.70	210.00	3.00	900.00	1.00	300.00					1.00	300.00
96(1)	Furn New Pipe & Pipe Fittings	FA			500.00		500.00		500.00		500.00						500.00
103	Leveling Surfaces	FA			1,000.00		1,000.00		1,000.00		1,000.00						1,000.00
107(2)	Directional, Regulatory & Warning Signs	ea	12	35.00	420.00	38.00	456.00	35.00	420.00	35.00	420.00					35.00	420.00
108(2)	Add No Plates for Fed Aid Markers	ea	2	10.00	20.00	7.00	14.00	5.50	11.00	7.00	14.00					7.50	15.00
111(4)	Reset Fed Aid Marker	ea	1	35.00	35.00	17.00	17.00	20.00	20.00	7.00	7.00					20.00	20.00
115	Maintain Detours	FA			1,000.00		1,000.00		1,000.00		1,000.00						1,000.00
116	Reloc Exist Water Tank	LS			75.00		100.00		100.00		150.00						100.00
117(3)	3" Galv Steel Pipe Casing	Lf	50	2.80	140.00	2.50	125.00	3.50	175.00	3.00	150.00					2.50	125.00
	SUM OF ALL ITEMS				619,580.00		669,703.85		681,101.50		731,111.80						\$ 623,264.00

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23	Sprinkling	M gal	750	3.00	2,250.00	3.00	2,250.00	3.00	2,250.00	3.50	2,625.00							3.00	2,250.00
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48A	Reinf Steel in Bridges incl railings	LS			82,300.00		83,500.00		82,542.60		83,328.00								70,250.00
48B	Reinf Steel in Box Culv	LS			4,200.00		4,800.00		4,972.00		4,791.00								4,100.00
49A	Struc Steel in Bridges	LS			7,200.00		8,000.00		9,253.00		6,813.00								11,250.00
49B	Furn New Struc Steel in Bridges	LS			1,100.00		700.00		1,181.00		802.00								255.00
52	Filter Material	cy	220	4.60	1,012.00	5.50	1,210.00	8.00	1,760.00	5.25	1,155.00							5.50	1,210.00
58(3a)	24" SS RCCP w/CC	lf	24	9.00	216.00	10.00	240.00	8.20	196.80	10.00	240.00							10.00	240.00
58(4a)	24" ESRCCP w/CC	lf	140	10.00	1,400.00	12.00	1,680.00	9.55	1,337.00	12.00	1,680.00							12.00	1,680.00
58(8a)	36" ES RCCP w/CC	lf	160	19.00	3,040.00	18.50	2,960.00	16.20	2,592.00	20.00	3,200.00							20.00	3,200.00
58(12a)	48" ES RCCP w/CC	lf	72	30.00	2,160.00	30.00	2,160.00	27.90	2,008.80	30.00	2,160.00							30.00	2,160.00
58(13a)	54" SS RCCP w/CC	lf	56	40.00	2,240.00	46.00	2,576.00	49.00	2,744.00	45.00	2,520.00							65.00	3,640.00
62	CRM	cy	225	28.00	6,300.00	28.50	6,412.50	35.00	7,875.00	32.00	7,200.00							30.00	6,750.00
65	GRP	cy	100	22.00	2,200.00	34.00	3,400.00	41.00	4,100.00	40.00	4,000.00							25.00	2,500.00
67	Centerline Monuments	ea	7	11.00	77.00	12.00	84.00	15.00	105.00	10.00	70.00							10.00	70.00
72(2)	Reconstruc Precast Conc Gutter	lf	200	1.20	240.00	.75	150.00	1.50	300.00	2.00	400.00							1.00	200.00
79(2)	Wood Guard Rail w/CP	lf	3,000	3.40	10,200.00	3.25	9,750.00	2.52	7,560.00	3.85	11,550.00							3.75	11,250.00
81(1)	Recon Guard Rail	lf	261	2.00	522.00	1.35	352.35	1.80	469.80	2.50	652.50							1.00	261.00
85(1)	Recon Fence	lf	220	1.10	242.00	0.70	154.00	1.50	330.00	1.00	220.00							.75	165.00
85(2)	New Posts Recon Fence	ea	10	3.00	30.00	2.50	25.00	10.00	100.00	3.00	30.00							2.50	25.00
85(3)	New Wire Recon Fence	lb	20	.25	5.00	.25	5.00	1.00	20.00	0.20	4.00							.20	4.00
96	Mov Exist Pipe Lines	lf	300	.22	66.00	.70	210.00	3.00	900.00	1.00	300.00							1.00	300.00
96(1)	Furn New Pipe & Pipe Fittings	FA			500.00		500.00		500.00		500.00								500.00
103	Leveling Surfaces	FA			1,000.00		1,000.00		1,000.00		1,000.00								1,000.00
107(2)	Directional, Regulatory & Warning Signs	ea	12	35.00	420.00	38.00	456.00	35.00	420.00	35.00	420.00							35.00	420.00
108(2)	Add No Plates for Fed Aid Markers	ea	2	10.00	20.00	7.00	14.00	5.50	11.00	7.00	14.00							7.50	15.00
111(4)	Reset Fed Aid Marker	ea	1	35.00	35.00	17.00	17.00	20.00	20.00	7.00	7.00							20.00	20.00
115	Maintain Detours	FA			1,000.00		1,000.00		1,000.00		1,000.00								1,000.00
116	Reloc Exist Water Tank	LS			75.00		100.00		100.00		150.00								100.00
117(3)	3" Galv Steel Pipe Casing	Lf	50	2.80	140.00	2.50	125.00	3.50	175.00	3.00	150.00							2.50	125.00
	SUM OF ALL ITEMS				612,580.00		669,793.85		681,101.50		731,111.80								\$ 623,264.00