

F-090-1(8)

6201, X028, X034, ROW
March 19, 1964

Farrington Highway Widening

Oahu

Honolulu Star Bulletin - February 24, 1964

HI-WAY TRANSPORTATION
& CONTRACTING CO., LTD.
Bid Bond - \$2500 + 2%
Amt. Bid over \$50,000HAWAIIAN DREDGING &
CONSTRUCTION CO.
Bid Bond - \$2500 + 2%
Amt. Bid over \$50,000E. E. BLACK, LTD.
Bid Bond - \$2500 + 2%
Amt. Bid over \$50,000REED & MARTIN
INTERNATIONAL, INC.
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CONTRACTORS, LTD.
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Amt. Bid over \$50,000DEPARTMENT OF TRANSPORTATION
Highways Division

13	Roadway Exc	62,800	cy	0.70	43,960.00	0.77	48,356.00	1.53	96,084.00	1.00	62,800.00	1.45	91,060.00	1.90	119,320.00	1.75	109,900.00
14(1)	Struc Exc Other than at Bridges	1,740	cy	7.50	13,050.00	8.40	14,616.00	8.67	15,085.80	3.90	6,786.00	6.40	11,136.00	5.95	10,353.00	8.00	13,920.00
14(2)A	Struc Exc for Box Culv	1,070	cy	10.00	10,700.00	5.60	5,992.00	8.32	8,902.40	2.42	2,589.40	2.75	2,942.50	8.50	9,095.00	8.00	8,560.00
14(2)B	Struc Exc for Sectional Plate Pipe Arch Culv	1,573	cy	9.00	14,157.00	5.60	8,808.80	7.56	11,891.88	2.43	3,822.39	2.50	3,332.50	8.25	12,977.25	8.00	12,584.00
15	Ditch and Channel Exc	126	cy	6.00	756.00	2.00	252.00	5.59	704.34	3.90	491.40	3.75	472.50	5.00	630.00	8.00	1,008.00
18	Compacting Original Ground	1,190	sy	1.00	1,190.00	0.10	119.00	.09	107.10	0.20	238.00	0.15	178.50	0.25	297.50	0.20	238.00
23	Sprinkling	1,438	M gal	4.30	6,183.40	2.50	3,595.00	3.77	5,421.26	9.70	13,948.60	3.75	5,392.50	3.75	5,392.50	3.50	5,033.00
24(1)	Select Borrow Subbase Course	19,000	ton	3.00	57,000.00	3.25	61,750.00	2.44	46,360.00	3.14	59,660.00	3.30	62,700.00	3.20	60,800.00	4.00	76,000.00
26	Untreated Base	16,248	ton	3.35	54,430.80	3.40	55,243.20	3.04	49,393.92	3.90	63,367.20	3.75	60,930.00	4.15	67,429.20	4.25	69,054.00
26A	Untreated Base for Box Culv	240	ton	6.00	1,440.00	4.30	1,032.00	3.45	828.00	4.73	1,135.20	4.25	1,020.00	10.00	2,400.00	4.25	1,020.00
26B	Untreated Base for Sectional Plate Pipe Arch Culv	692	ton	6.00	4,152.00	5.00	3,460.00	3.75	2,595.00	4.73	3,273.16	4.25	2,941.00	10.00	6,920.00	4.25	2,941.00
29	Brooming Off	4,090	sy	0.10	409.00	0.05	204.50	.032	130.88	0.04	163.60	0.035	143.15	0.05	204.50	0.20	818.00
30(1)	Medium Curing Liquid Asph. (MC-0) for Prime Coat	10,670	gal	0.30	3,201.00	0.34	3,627.80	.27	2,880.90	0.33	3,521.10	0.27	2,880.90	0.27	2,880.90	0.30	3,201.00
31	Emul Asph, Mixing Type (SS-1), for Tack Coat	1,030	gal	0.30	309.00	0.34	350.20	.27	278.10	0.33	339.90	0.27	278.10	0.27	278.10	0.30	309.00
39(2)	Asph Concrete Pavement, Mix No. III	4,490	ton	12.80	57,472.00	16.00	71,840.00	12.72	57,112.80	15.75	70,717.50	12.65	56,798.50	13.35	59,941.50	14.00	62,860.00
39(4)	Asph Concrete Pavement, Mix No. V	2,590	ton	12.80	33,152.00	16.00	41,440.00	12.72	32,944.80	15.75	40,792.50	12.65	32,763.50	13.35	34,576.50	14.00	36,260.00
46(1)	Class A-1 Conc Other than at Bridges	50	cy	90.00	4,500.00	101.00	5,050.00	133.22	6,661.00	63.00	3,150.00	131.00	6,550.00	125.00	6,250.00	100.00	5,000.00
46(2)	Class B-1 Conc Other than at Bridges	30	cy	80.00	2,400.00	101.00	3,030.00	118.56	3,556.80	79.00	2,370.00	87.00	2,610.00	100.00	3,000.00	80.00	2,400.00
46A	Conc in Box Culv		LS		30,000.00		21,300.00		23,870.00		24,267.00		23,700.00		27,000.00		29,260.00
46A(2)	Conc in Wingwalls of Box Culv		LS		1,400.00		830.00		876.00		958.85		700.00		1,100.00		1,045.00
46B	Conc in Headwalls of Sectional Plate Pipe Arch Culv		LS		4,500.00		5,530.00		4,894.00		4,478.00		4,000.00		5,000.00		5,225.00
48(1)	Reinf Steel Other than in Bridges	850	lb	0.30	255.00	0.25	212.50	.19	161.50	0.28	238.00	0.20	170.00	0.20	170.00	0.18	153.00
48A	Reinf Steel in Box Culv		LS		8,000.00		9,150.00		7,243.00		8,973.00		7,200.00		7,500.00		8,469.00
48(A)2	Reinf Steel in Wingwalls of Box Culv		LS		200.00		125.00		100.00		123.00		100.00		110.00		99.00
58(2)I	18" Class III, Reinf Conc Culv Pipe	50	lf	8.00	400.00	7.50	375.00	7.15	357.50	7.77	388.50	7.50	375.00	8.00	400.00	6.00	300.00
58(2)	18" Class III, Reinf Conc Culv Pipe (No Alt.)	20	lf	10.00	200.00	7.50	150.00	7.27	145.40	7.80	156.00	7.50	150.00	10.00	200.00	6.00	120.00
58(2a)	18" Reinf Conc Pressure Pipe	48	lf	15.00	720.00	10.50	504.00	10.62	509.76	11.80	566.40	10.50	504.00	14.00	672.00	10.00	480.00
58(3)I	24" Reinf Conc Culvert Pipe, Class III	1,700	lf	10.00	17,000.00	9.25	15,725.00	7.05	11,985.00	8.40	14,280.00	9.50	16,150.00	10.00	17,000.00	7.50	12,750.00
58(5)I	30" Class III, Reinf Conc Culv Pipe	154	lf	12.00	1,848.00	12.40	1,909.60	10.48	1,613.92	13.20	2,032.80	12.50	1,925.00	15.00	2,310.00	10.00	1,540.00
58(6)I	30" Class IV, Reinf Conc Culv Pipe	48	lf	15.00	720.00	13.30	638.40	11.56	554.88	14.00	672.00	13.35	640.80	18.00	864.00	12.00	576.00
58(8)	36" Class IV, Reinf Conc Culv Pipe (No Alt.)	74	lf	20.00	1,480.00	17.00	1,258.00	14.41	1,066.34	17.80	1,317.20	16.35	1,209.90	23.00	1,702.00	17.00	1,258.00
59(5b)II	18" Corrugated Galv Sheet Metal Pipe, 14 Ga.	50	lf	9.00	450.00	4.90	245.00	4.02	201.00	5.80	290.00	4.75	237.50	6.00	300.00	5.00	250.00
59(7b)	24" Corrugated Galv Sheet Metal Pipe, 14 Ga. (No Alt.)	12	lf	15.00	180.00	10.00	120.00	10.35	124.20	10.00	120.00	8.80	105.60	9.50	114.00	6.00	72.00
59(7b)II	24" Corrugated Galv Sheet Metal Pipe, 14 Ga.	1,700	lf	6.30	10,710.00	6.30	10,710.00	5.41	9,197.00	7.50	12,750.00	6.50	11,050.00	6.40	10,880.00	6.00	10,200.00
59(8b)II	30" Corrugated Galv Sheet Metal Pipe, 14 Ga.	154	lf	9.00	1,386.00	7.80	1,201.20	6.55	1,008.70	8.80	1,355.20	7.90	1,216.60	7.90	1,216.60	8.00	1,232.00
59(8d)II	30" Corrugated Galv Sheet Metal Pipe, 10 Ga.	48	lf	18.00	864.00	11.75	564.00	9.68	464.64	12.70	609.60	11.60	556.80	12.10	580.80	10.00	480.00
59(7c)	24" Corrugated Galv Sheet Metal Spillway, 14 Ga.	24	lf	10.00	240.00	6.40	153.60	7.10	170.40	7.70	184.80	7.20	172.80	6.00	144.00	4.00	96.00
59(8c)	30" Corrugated Galv Sheet Metal Spillway, 14 Ga.	240	lf	11.00	2,640.00	6.75	1,620.00	6.56	1,574.40	8.30	1,992.00	8.30	1,992.00	6.60	1,584.00	6.00	1,440.00
60B	12'-4" x 7'-9" Sectional Plate Pipe Arch Culv		LS		27,200.00		25,575.00		22,310.00		20,273.00		28,700.00		28,000.00		23,232.00

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112(1)	Highway Lighting System on Bracket on Wood Pole	LS		600.00		820.00		650.00		903.00		600.00		625.00		450.00
112(2)	Relocate Existing Highway Lighting System	LS		400.00		625.00		495.00		134.00		240.00		220.00		800.00
113	Removing Existing Amber Flashers	ea	2	90.00		180.00	120.00	240.00	92.00	80.00	79.00	158.00	100.00	200.00	50.00	100.00
115	Maintaining Detours	FA				10,000.00		10,000.00		10,000.00		10,000.00		10,000.00		10,000.00
116(1)	Excavation for Poles	lf	187	4.00		748.00	4.00	748.00	3.16	590.92	17.00	3,179.00	6.35	1,187.45	15.00	2,805.00
116(2)	Installing Pole Anchors	ea	12	70.00		840.00	75.00	900.00	58.30	699.60	100.00	1,200.00	57.00	684.00	60.00	720.00
116(3)	Installing Two Transite Ducts Encased in Plain Concrete Jacket	lf	117	3.00		351.00	3.00	351.00	2.42	283.14	12.00	1,404.00	6.35	742.95	7.50	877.50
	SUM OF ALL ITEMS					494,584.20		513,021.80		514,302.20		527,761.80		535,451.05		612,288.00
	<u>Group I</u>															
	Sum of Items 58(2)I, 58(3)I, 58(5)I, 58(6)I					19,968.00		18,648.00		14,511.30		17,373.30		19,090.80		15,166.00
	Sum of Items 59(5b)II, 59(7b)II, 59(8b)II, 59(8d)II					13,410.00		12,720.20		10,871.34		15,004.80		13,060.90		12,162.00
	Deduct More Expensive Sum of Items in Group I					19,968.00		18,648.00		14,511.30		17,373.30		19,090.80		15,166.00
	<u>Group II</u>															
	Sum of Items 14(2)A, 26A, 46A, 46A(2), 48A, 48A(2)					51,740.00		38,429.00		41,819.40		38,046.45		35,662.50		48,453.00
	Sum of Items 14(2)B, 26B, 46B, 60B					50,009.00		43,373.80		41,690.88		31,846.55		39,573.50		43,982.00
	Deduct More Expensive Sum of Items in Group II					51,740.00		43,373.80		41,819.40		38,046.45		39,573.50		48,453.00
	AMOUNT FOR COMPARISON OF BIDS					422,876.20		451,000.00		457,971.50		472,308.25		476,786.75		548,669.00