

TABULATION OF BIDS
FOR
CONSTRUCTION OF HAWAII BELT ROAD
SEISMIC WAVE DAMAGE REHABILITATION
PROJECT NO. S. D. R. 3(17)
DISTRICT OF NORTH HILO, ISLAND OF HAWAII
JOB NO. 5607
(Opened 2:00 o'clock p. m., Thursday, May 21, 1953)

First Advertised in Honolulu Star-Bulletin
Issue of May 7, 1953

Item No.	Item	Unit Used	Quantity	HONOLULU BUILDERS, LTD. Bid Bond - \$2,500 + 2% of Amount Bid Over \$50,000		JAS. W. GLOVER, LTD. Bid Bond - \$2,500 + 2% of Amount Bid Over \$50,000		TERRITORY OF HAWAII	
				Price	Amount	Price	Amount	Price	Amount
	Unclassified Excavation	cu. yd.	353,000	\$ 1.26	\$ 444,780.00	\$ 1.31	\$ 462,430.00	\$ 1.25	\$ 441,250.00
(1)	Unclassified Excavation for Structures other than at Bridges	cu. yd.	4,200	4.00	16,800.00	6.00	25,200.00	4.75	19,950.00
(2)	Unclassified Excavation for Structures at Bridges	cu. yd.	1,600	7.00	11,200.00	9.50	15,200.00	8.50	13,600.00
SA	Special Borrow	cu. yd.	10,000	1.00	10,000.00	1.55	15,500.00	1.30	13,000.00
(1)	Station Yard Overhaul	sta. yd.	782,000	0.015	11,730.00	0.015	11,730.00	0.02	15,640.00
(2)	Mile Yard Overhaul	mi. yd.	5,000	0.20	1,000.00	0.25	1,250.00	0.17	850.00
2	Furrow Ditches	lin. ft.	6,700	0.20	1,340.00	0.25	1,675.00	0.25	1,675.00
7	Hand Trimming Rounded Cut Slopes	lin. ft.	12,300	0.25	3,075.00	0.30	3,690.00	0.30	3,690.00
7	Sprinkling	M gal.	840	3.00	2,520.00	3.00	2,520.00	3.00	2,520.00
SA	Select Material	cu. yd.	51,000	1.15	58,650.00	1.60	81,600.00	1.40	71,400.00
(1)	Coarse Rock for Waterbound Macadam Base Course	cu. yd.	6,000	6.00	36,000.00	6.95	41,700.00	6.90	41,400.00
(2)	Filler for Waterbound Macadam Base Course	cu. yd.	1,850	6.50	12,025.00	7.90	14,615.00	7.20	13,320.00
(1)	Slow Curing Liquid Asphalt for Prime Coat	gal.	14,000	0.25	3,500.00	0.29	4,060.00	0.25	3,500.00
	Emulsified Asphalt, Penetration Type, for Tack Coat	gal.	160	0.50	80.00	0.40	64.00	0.45	72.00
(2)	Asphalt Concrete Pavement Mix No. III	ton	4,600	14.60	67,160.00	13.75	63,250.00	13.70	63,020.00
(1)	Glass A-1 Concrete other than in Bridges	cu. yd.	1,675	55.00	92,125.00	62.00	103,850.00	60.00	100,500.00
(7)	Glass A-1 Concrete in Bridges	cu. yd.	1,300	70.00	91,000.00	71.50	92,950.00	70.00	91,000.00
(1)	Reinforcing Steel other than in Bridges	lbs.	230,000	0.165	37,950.00	0.17	39,100.00	0.17	39,100.00
(2)	Reinforcing Steel in Bridges	lbs.	230,000	0.165	37,950.00	0.17	39,100.00	0.17	39,100.00
	Cement Rubble Masonry	cu. yd.	745	30.00	22,350.00	28.00	20,860.00	29.00	21,600.00
(1)	12" Standard Strength Reinforced Concrete Culvert Pipe	lin. ft.	12	4.00	48.00	3.00	36.00	4.00	48.00
(3)	24" Standard Strength Reinforced Concrete Culvert Pipe	lin. ft.	220	7.65	1,683.00	8.50	1,870.00	7.70	1,694.00
(4)	24" Extra Strength Reinforced Concrete Culvert Pipe	lin. ft.	352	10.00	3,520.00	10.00	3,520.00	9.90	3,484.80
(4a)	24" Extra Strength Reinforced Concrete Culvert Pipe with Concrete Collars	lin. ft.	152	10.50	1,596.00	11.00	1,672.00	10.50	1,596.00
(7)	36" Standard Strength Reinforced Concrete Culvert Pipe	lin. ft.	72	15.00	1,080.00	14.85	1,069.20	14.00	1,008.00
(8)	36" Extra Strength Reinforced Concrete Culvert Pipe	lin. ft.	90	17.70	1,593.00	19.00	1,710.00	17.50	1,575.00
(8a)	36" Extra Strength Reinforced Concrete Culvert Pipe with Concrete Collars	lin. ft.	64	18.70	1,196.80	19.50	1,248.00	18.75	1,200.00
(12a)	48" Extra Strength Reinforced Concrete Culvert Pipe with Concrete Collars	lin. ft.	96	25.00	2,400.00	28.00	2,688.00	26.00	2,496.00
(2)	Concrete Railing	lin. ft.	470	10.50	4,935.00	10.90	5,123.00	10.50	4,935.00
	Dampproofing	sq. yd.	3,800	1.00	3,800.00	1.00	3,800.00	1.00	3,800.00
	Water Tunnel Excavation	cu. yd.	600	13.00	7,800.00	26.50	15,900.00	20.00	12,000.00
	Grouted Rubble Paving	cu. yd.	45	35.00	1,575.00	34.00	1,530.00	33.00	1,485.00
	Centerline Monuments	each	15	10.00	150.00	10.00	150.00	9.50	142.50
	Moving Existing Pipe Lines	lin. ft.	3,000	0.75	2,250.00	1.00	3,000.00	0.90	2,700.00
(2)	Wood Guard Rail with Concrete Posts	lin. ft.	5,600	3.20	17,920.00	3.75	21,000.00	3.50	19,600.00
(1)	Metal Guard Rail with Wood Posts	lin. ft.	100	4.00	400.00	4.45	445.00	4.20	420.00
(1)	Standard Wire Fence with Wood Posts	lin. ft.	1,950	0.75	1,462.50	1.00	1,950.00	0.50	975.00
0(1)	Wood Gate with Timber Posts, Type "A"	each	1	150.00	150.00	150.00	150.00	150.00	150.00
5	Regulatory and Warning Signs	each	27	40.00	1,080.00	36.00	972.00	38.00	1,026.00
6(1)	Federal Aid Markers	each	2	40.00	80.00	40.00	80.00	38.00	76.00
7	Leveling Surfaces - An Estimated Amount	F. A.			1,000.00		1,000.00		1,000.00
1	Hand Placed Rock Fill	cu. yd.	15	8.00	120.00	10.00	150.00	8.00	120.00
SUM OF ALL ITEMS				\$ 1,017,074.30		\$ 1,109,407.20		\$ 1,057,720.00	

TABULATION OF BIDS
FOR THE CONSTRUCTION OF
HAWAII BELT ROAD
WAIPUNALETI HOMESTEADS TO MANOWAILOPAE HOMESTEADS
SEISMIC WAVE DAMAGE REHABILITATION PROJECT NO. SDR 3(17)

DISTRICT OF NORTH HILO, ISLAND OF HAWAII

JOB NO. 5607

(Opened 2:00 o'clock P.M., Thursday, December 18, 1952)

First Advertised in Honolulu Star-Bulletin
Issue of November 24, 1952

Item No.	Item	Unit Used	Quantity	JAS. W. GLOVER, LTD. Bid Bond - \$2,500 + 2% Amt. Bid Over \$50,000		HONOLULU BUILDERS, LTD. Bid Bond - \$2,500 + 2% Amt. Bid Over \$50,000		TERRITORIAL CONTRACTORS Bid Bond - \$2,500 + 2% Amt. Bid Over \$50,000		TERRITORY OF HAWAII	
				Price	Amount	Price	Amount	Price	Amount	Price	Amount
13	Unclassified Excavation	cu. yd.	359,000	\$ 1.05	\$ 376,950.00	\$ 1.67	\$ 599,530.00	\$ 1.54	\$ 552,860.00	\$ 1.25	\$ 448,750.00
14(1)	Unclassified Excavation for Structures other than at Bridges	cu. yd.	3,770	5.00	18,850.00	4.50	16,965.00	10.27	38,717.90	5.00	18,850.00
14(2)	Unclassified Excavation for Structures at Bridges	cu. yd.	1,600	7.00	11,200.00	10.00	16,000.00	11.56	18,496.00	7.00	11,200.00
16A	Special Borrow	cu. yd.	10,000	1.55	15,500.00	1.00	10,000.00	1.05	10,500.00	1.25	12,500.00
17(1)	Station Yard Overhaul	sta. yd.	712,000	0.01	7,120.00	0.02	14,240.00	0.015	10,680.00	0.01	7,120.00
22	Furrow Ditches	lin. ft.	6,700	0.20	1,340.00	0.25	1,675.00	0.30	2,010.00	0.25	1,675.00
23	Hand Trimming Rounded Out Slopes	lin. ft.	12,300	0.27	3,321.00	0.25	3,075.00	0.35	4,305.00	0.30	3,690.00
27	Sprinkling	M gal.	880	3.00	2,640.00	3.00	2,640.00	2.25	1,980.00	3.00	2,640.00
28A	Select Material	cu. yd.	51,000	1.60	81,600.00	1.15	58,650.00	1.73	88,230.00	1.70	86,700.00
31(1)	Coarse Rock for Waterbound Macadam Base Course	cu. yd.	6,150	6.00	36,900.00	7.75	47,662.50	7.41	45,571.50	7.00	43,050.00
31(2)	Filler for Waterbound Macadam Base Course	cu. yd.	1,900	6.50	12,350.00	7.90	15,010.00	8.13	15,447.00	7.50	14,250.00
34(1)	Slow Curing Liquid Asphalt for Prime Coat	gal.	14,500	0.17	2,465.00	0.25	3,625.00	0.37	5,365.00	0.25	3,625.00
35	Emulsified Asphalt, Penetration Type, for Tack Coat	gal.	160	0.40	64.00	0.50	80.00	0.50	80.00	0.35	56.00
42(2)	Asphalt Concrete Pavement, Mix No. III	ton	4,655	13.35	62,144.25	14.05	65,402.75	14.31	66,613.05	15.00	69,825.00
51(1)	Class A-1 Concrete other than in Bridges	cu. yd.	1,650	57.00	94,050.00	62.00	102,300.00	64.68	106,722.00	67.00	110,550.00
51(7)	Class A-1 Concrete in Bridges	cu. yd.	1,300	64.00	83,200.00	75.00	97,500.00	68.00	88,400.00	65.00	84,500.00
52(1)	Reinforcing Steel other than in Bridges	lb.	226,000	0.17	38,420.00	0.165	37,290.00	0.17	38,420.00	0.18	40,680.00
52(2)	Reinforcing Steel in Bridges	lb.	230,000	0.16	36,800.00	0.15	34,500.00	0.155	35,650.00	0.18	41,400.00
55	Cement Rubble Masonry	cu. yd.	740	28.00	20,720.00	30.00	22,200.00	28.50	21,090.00	30.00	22,200.00
58(1)	12" Standard Strength Reinforced Concrete Culvert Pipe	lin. ft.	12	2.75	33.00	5.70	68.40	3.50	42.00	2.75	33.00
58(3)	24" Standard Strength Reinforced Concrete Culvert Pipe	lin. ft.	92	7.75	713.00	7.65	703.80	8.50	782.00	8.50	782.00
58(4)	24" Extra Strength Reinforced Concrete Culvert Pipe	lin. ft.	352	9.80	3,449.60	10.00	3,520.00	9.85	3,467.20	10.20	3,590.40
58(4a)	24" Extra Strength Reinforced Concrete Culvert Pipe with Concrete Collars	lin. ft.	152	10.45	1,588.40	10.50	1,596.00	10.50	1,596.00	11.00	1,672.00
58(8a)	36" Extra Strength Reinforced Concrete Culvert Pipe with Concrete Collars	lin. ft.	136	18.80	2,556.80	18.70	2,543.20	17.75	2,414.00	18.70	2,543.20
58(12a)	48" Extra Strength Reinforced Concrete Culvert Pipe with Concrete Collars	lin. ft.	96	26.35	2,529.60	25.00	2,400.00	25.75	2,472.00	25.00	2,400.00
65(2)	Concrete Railing	lin. ft.	470	10.45	4,911.50	10.50	4,935.00	11.50	5,405.00	10.00	4,700.00
66	Dampproofing	sq. yd.	3,750	1.00	3,750.00	1.00	3,750.00	1.00	3,750.00	1.00	3,750.00
68	Water Tunnel Excavation	cu. yd.	600	26.50	15,900.00	12.00	7,200.00	24.46	14,676.00	10.00	6,000.00
71	Grouted Rubble Paving	cu. yd.	45	31.00	1,395.00	35.00	1,575.00	34.00	1,530.00	30.00	1,350.00
72	Centerline Monuments	each	15	9.00	135.00	10.00	150.00	10.00	150.00	10.00	150.00
76	Moving Existing Pole Lines	lin. ft.	3,000	1.00	3,000.00	0.75	2,250.00	0.54	1,620.00	1.20	3,600.00
89(2)	Wood Guard Rail with Concrete Posts	lin. ft.	5,600	3.60	20,160.00	3.20	17,920.00	3.04	17,024.00	3.00	16,800.00
90(1)	Metal Guard Rail with Wood Posts	lin. ft.	100	4.35	435.00	4.00	400.00	4.25	425.00	4.00	400.00
105	Regulatory and Warning Signs	each	21	36.00	756.00	40.00	840.00	48.00	1,008.00	35.00	735.00
106(1)	Federal Aid Markers	each	2	36.00	72.00	40.00	80.00	45.00	90.00	35.00	70.00
117	Levelling Surfaces - An Estimated Amount of	F. A.			1,000.00		1,000.00		1,000.00		1,000.00
121	Hand Placed Rock Fill	cu. yd.	15	8.00	120.00	8.00	120.00	14.50	217.50	8.00	120.00
SUM OF ALL ITEMS					\$ 968,139.15		\$1,199,396.65		\$1,208,806.15		\$ 1,072,956.60