

S-0130(2)

May 28, 1964

Construction of Keaau-Pahoa Road Junction

Hawaii

May 7, 1964 - Honolulu Star Bulletin, May 8, 1964 - Hawaii Tribune

			YAMADA & SONS, INC.		S. K. ODA, LIMITED		JAS. W. GLOVER, LTD.		KUWAYE BROTHERS, INC.		DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
			\$2500 plus 2% over \$50,000		\$2500 plus 2% over \$50,000		\$2500 plus 2% over \$50,000		\$2500 plus 2% over \$50,000				
13	Roadway Excavation	7,000	Cu. Yds.	\$ 1.35	\$ 9,450.00	\$ 1.685	\$ 11,795.00	\$ 2.90	\$ 20,300.00	\$ 2.75	\$ 19,250.00	\$ 1.75	\$ 12,250.00
14(1)	Structure Excavation Other Than at Bridges	215	Cu. Yds.	12.00	2,580.00	5.00	1,075.00	18.00	3,870.00	7.00	1,505.00	8.00	1,720.00
14(1)A	Excavation for Drywalls	50	Lin. Ft.	25.00	1,250.00	29.00	1,450.00	40.00	2,000.00	40.00	2,000.00	12.00	600.00
23	Sprinkling	625	M Gal.	5.00	3,125.00	5.00	3,125.00	4.50	2,812.50	6.50	4,062.50	5.00	3,125.00
24(1)	Select Borrow Subbase Course	13,100	Ton	2.50	32,750.00	3.70	48,470.00	3.42	44,802.00	4.75	62,225.00	3.00	39,300.00
26	Untreated Base	3,550	Ton	4.50	15,975.00	4.60	16,330.00	4.25	15,087.50	7.50	26,625.00	4.00	14,200.00
30(1)	Medium Curing Liquid Asphalt (MC-O) for Prime Coat	3,550	Gal.	0.40	1,420.00	0.40	1,420.00	0.34	1,207.00	0.40	1,420.00	0.40	1,420.00
39(2)	Asphalt Concrete Pavement, Mix No. III	950	Ton	15.50	14,725.00	16.00	15,200.00	14.36	13,642.00	17.50	16,625.00	17.00	16,150.00
39(4)	Asphalt Concrete Pavement, Mix No. V	460	Ton	15.50	7,130.00	16.00	7,360.00	14.36	6,605.60	17.50	8,050.00	17.50	8,050.00
46(1)	Class "A-1" Concrete Other Than in Bridges	4.5	Cu. Yds.	125.00	562.50	128.00	576.00	120.00	540.00	70.00	315.00	100.00	450.00
46(2)	Class "B-1" Concrete Other Than in Bridges	11	Cu. Yds.	125.00	1,375.00	79.00	869.00	90.00	990.00	65.00	715.00	70.00	770.00
46D	Drywell Covers and Grates	2	Each	750.00	1,500.00	600.00	1,200.00	850.00	1,700.00	750.00	1,500.00	625.00	1,250.00
48(1)	Reinforcing Steel Other Than in Bridges	300	Lbs.	0.20	60.00	0.22	66.00	0.27	81.00	0.30	90.00	0.25	75.00
59(5b)	18-Inch Corrugated Galvanized Sheet Metal Culvert Pipe, 14 Gauge	28	Lin. Ft.	7.75	217.00	8.00	224.00	6.00	168.00	12.00	336.00	8.00	224.00
59(7b)	24-Inch Corrugated Galvanized Sheet Metal Culvert Pipe, 14 Gauge	92	Lin. Ft.	8.50	782.00	11.00	1,012.00	8.00	736.00	15.00	1,380.00	9.00	828.00
67	Centerline Monuments	6	Each	25.00	150.00	6.00	36.00	20.00	120.00	20.00	120.00	18.00	108.00
70(1a)	Type "A" Cast-in-Place Concrete Curb	1,150	Lin. Ft.	3.00	3,450.00	3.35	3,852.50	3.40	3,910.00	3.00	3,450.00	3.00	3,450.00
70(1b)	Type "B" Cast-in-Place Concrete Curb	95	Lin. Ft.	4.50	427.50	3.35	318.25	3.75	356.25	3.00	285.00	4.00	380.00
70(1c)	Type "C" Cast-in-Place Concrete Curb	45	Lin. Ft.	5.50	247.50	5.00	225.00	6.00	270.00	3.50	157.50	6.00	270.00
70(1d)	Type "D" Cast-in-Place Concrete Curb	860	Lin. Ft.	4.50	3,870.00	3.00	2,580.00	2.90	2,494.00	3.00	2,580.00	3.00	2,580.00
70(3d)	Type "DG" Cast-in-Place Concrete Curb and Gutter	60	Lin. Ft.	5.50	330.00	4.25	255.00	4.50	270.00	4.50	270.00	5.00	300.00
76	Plain Concrete Sidewalk	3,000	Sq. Ft.	1.00	3,000.00	0.70	2,100.00	0.70	2,100.00	0.60	1,800.00	1.00	3,000.00
100(1)	Furnishing and Installing 6-Inch Bell and Spigot Cast-Iron Pipe, Class 250, "A" Pattern	1,440	Lin. Ft.	7.50	10,800.00	6.50	9,360.00	4.15	5,976.00	7.50	10,800.00	5.00	7,200.00
100(1a)	Furnishing and Installing 6-Inch Asbestos- Cement Pipe, Class 200	1,440	Lin. Ft.	8.25	11,880.00	6.00	8,640.00	4.35	6,264.00	4.00	5,760.00	4.50	6,480.00
100(2)	Furnishing and Installing Cast-Iron Fittings	642	Lbs.	0.50	321.00	0.50	321.00	0.70	449.40	0.40	256.80	0.50	321.00
100(3)	Furnishing and Installing 6-Inch Gate Valve, M.J. 150#	1	Each	125.00	125.00	85.00	85.00	100.00	100.00	90.00	90.00	120.00	120.00
100(4)	Removing, Cleaning and Reinstalling 6-Inch Gate Valves	2	Each	75.00	150.00	40.00	80.00	30.00	60.00	40.00	80.00	30.00	60.00
100(5)	Salvaging Existing Gate Valve	1	Each	50.00	50.00	24.00	24.00	10.00	10.00	20.00	20.00	20.00	20.00
100(6)	Furnishing 10"x6" Tapping Sleeve with Necessary 6-Inch Tapping Valve (150#)	1	Each	175.00	175.00	287.00	287.00	280.00	280.00	150.00	150.00	300.00	300.00
100(7)	Removing, Cleaning and Reinstalling Existing Fire Hydrants	3	Each	250.00	750.00	132.00	396.00	50.00	150.00	150.00	450.00	150.00	450.00
100(8)	Removing, Cleaning and Reinstalling Existing Concrete Valve Boxes and Covers	4	Each	100.00	400.00	96.00	384.00	150.00	600.00	90.00	360.00	40.00	160.00
100(9)	Removing, Cleaning and Reinstalling Existing Water Meter Boxes	7	Each	50.00	350.00	17.00	119.00	25.00	175.00	20.00	140.00	20.00	140.00

I certify that this bid tabulation accurately reflects the bids received and publicly opened for the construction of this project.

ROY NAKANO
Contracts & Specifications Engineer

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			YAMADA & SONS, INC. \$2500 plus 2% over \$50,000		S. K. ODA, LIMITED \$2500 plus 2% over \$50,000		JAS. W. GLOVER, LTD. \$2500 plus 2% over \$50,000		KUWAYE BROTHERS, INC. \$2500 plus 2% over \$50,000		DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
100(10)	Removing, Cleaning and Reinstalling Existing Air Valve and Valve Box	1 Each	\$ 100.00	\$ 100.00	\$ 143.00	\$ 143.00	\$ 100.00	\$ 100.00	\$ 130.00	\$ 130.00	\$ 50.00	\$ 50.00
100(11)	Furnishing and Installing 1-Inch Copper Service Lateral and Type "A" Copper Service Connection off New Water Main	3 Each	125.00	375.00	119.00	357.00	100.00	300.00	65.00	195.00	150.00	450.00
100(12)	Furnishing and Installing 1-1/4 Inch Copper Service Lateral and Type "B-1" Copper Service Connection off New Water Main	2 Each	125.00	250.00	143.00	286.00	150.00	300.00	75.00	150.00	300.00	600.00
103	Leveling Surfaces	F. A.		500.00		500.00		500.00		500.00		500.00
104	Imported Topsoil	235 Cu. Yds.	6.00	1,410.00	5.00	1,175.00	5.50	1,292.50	3.50	822.50	6.00	1,410.00
105	Sodding Surfaces (Cynodon Dactylon)	12,500 Sq. Ft.	0.10	1,250.00	0.03	375.00	0.05	625.00	0.06	750.00	0.05	625.00
107(1)	Aluminum Regulatory and Warning Signs with Posts	21 Each	60.00	1,260.00	65.00	1,365.00	60.00	1,260.00	30.00	630.00	50.00	1,050.00
107(2a)	Aluminum Frame Reflectorized Delineators	2 Each	30.00	60.00	11.00	22.00	7.00	14.00	10.00	20.00	10.00	20.00
107(2b)	Aluminum Frame Reflectorized Delineators with Posts	11 Each	35.00	385.00	19.00	209.00	15.00	165.00	20.00	220.00	15.00	165.00
107(3a)	Route Markers with Posts	5 Each	60.00	300.00	62.00	310.00	60.00	300.00	50.00	250.00	50.00	250.00
107(3b)	Single Route Marker Assemblies with Posts	8 Each	55.00	440.00	68.00	544.00	65.00	520.00	50.00	400.00	60.00	480.00
107(3c)	Double Route Marker Assemblies with Posts	2 Each	65.00	130.00	140.00	280.00	180.00	360.00	75.00	150.00	80.00	160.00
107(4)	Reflectorized Extruded Aluminum Destination Sign Panel	111 Sq. Ft.	3.00	333.00	12.00	1,332.00	12.00	1,332.00	12.50	1,387.50	12.00	1,332.00
107(5)	Galvanized Steel I-Section (3I5.7) Posts and Concrete Foundations for Reflectorized Extruded Aluminum Destination Sign	6 Pair	30.00	180.00	98.00	588.00	130.00	780.00	40.00	240.00	425.00	2,550.00
108(1)	Federal Aid Markers	2 Each	70.00	140.00	30.00	60.00	70.00	140.00	25.00	50.00	50.00	100.00
116(A)	Reconstruction of Existing Open Garage near Station 7+80 Right	L. S.		500.00		846.00		500.00		1,250.00		300.00
116(B)	Relocation of Existing Garage near Station 9+25 Right	L. S.		500.00		720.00		450.00		1,250.00		150.00
116(C)	Relocation of Existing Stairway at Dwelling near Station 8+85 Right	L. S.		450.00		200.00		250.00		1,000.00		150.00
117	Volcanic Cinder for Cinder-Surfaced Roadway	135 Cu. Yds.	2.50	337.50	3.70	499.50	7.00	945.00	6.50	877.50	3.00	405.00
119	Demolishing and Removing Building Nos. 1 to 10, Inclusive	L. S.		7,500.00		4,283.75		3,000.00		8,000.00		2,000.00
SUM OF ALL ITEMS				\$145,778.00		\$153,330.00		\$151,259.75		\$191,140.30		\$138,498.00
Item 100(1)			10,800.00		9,360.00		5,976.00		10,800.00		7,200.00	
Item 100(1a)			11,880.00		8,640.00		6,264.00		5,760.00		6,480.00	
Deduct More Expensive of Above Items				11,880.00		9,360.00		6,264.00		10,800.00		7,200.00
AMOUNT FOR COMPARISON OF BIDS				\$133,898.00		\$143,970.00		\$144,995.75		\$180,340.30		\$131,298.00