

Item No.	Estimated Quantity	Description	Unit Price	Total
<b>I. MASS GRADING</b>				
The prices bid herein for the following items shall include furnishing all materials, labor, tools, equipment, machinery and all incidentals necessary to install or to construct these items in place complete, all in accordance with the plans and specifications.				
1	16,520	Acres, Clearing and Grubbing of subdivision site, including removal of debris and grubbed material from the site.	Per Acre	\$
2	79,390	Cu. yds., Unclassified Mass Excavation for Roadways and Lots including removal and disposal of uncompacted fill and expansive soils, and placement compaction and grading of the suitable excavated material placed 4.0 below lot finish grade and 3.0 feet below residential street pavement section.	Per Cu. Yd.	\$
3	82,836	Cu. yds., Mass Embankment.	Per Cu. Yd.	\$
4	59,340	Sq. yds., Fine Grading of lot areas.	Per Sq. Yd.	\$
5	3,446	Cu. yds., Imported low-expansion impermeable borrow fill, in place complete.	Per Cu. Yd.	\$
6	620,010	Sq. Ft., Hydromulch with seeds for grassing of slope banks, including ditches, berms and silting basins.	Per Sq. Ft.	\$
7	1,756	Lin. Ft., Dust Screen & Silt Fence combination, in place complete.	Per Lin. Ft.	\$
8	1,284	Lin. Ft. Silt Fence, in place complete.	Per Lin. Ft.	\$
9	1,452	Lin. Ft., Dust Screen, in place complete.	Per Lin. Ft.	\$

10	462	Lin. Ft. Remove existing Dust Fence, in place complete.	Per Lin. Ft.	\$ _____	\$ _____
11	L.S.	Temporary Erosion Control (inclusive of but not limited to, sediment basins, earth berms, NPDES permit requirements, roadway cleaning and other erosion control measures.	Lump Sum		\$ _____
12	7	Temporary storm drain inlet protection "Dandy Bag" sediment filter (by Dandy Products, Inc. or equal).	Per Each	\$ _____	\$ _____
13	L.S.	Field Office, including installation and removal, in place complete.	Lump Sum		\$ _____
SUB-TOTAL FOR MASS GRADING (Items 1 to 13 inclusive)					\$ _____

## II. ROADWAYS

The prices bid herein for the following items shall include furnishing all materials, labor, tools, equipment, machinery and all incidentals necessary to install or to construct these items in place complete, all in accordance with the plans and specifications.

14	16,020	Sq. Yds., Fine Grading of Right of Way areas.	Per Sq. Yd.	\$ _____	\$ _____
15	6,715	Sq. Yds., Asphaltic Concrete Pavement, State Design Mix No. V, 2 inches thick.	Per Sq. Yd.	\$ _____	\$ _____
16	6,715	Sq. Yds., Compacted Select Borrow, 6 inches thick.	Per Sq. Yd.	\$ _____	\$ _____
17	6,715	Sq. Yds., Untreated Aggregate Base Course, 6 inches thick.	Per Sq. Yd.	\$ _____	\$ _____
18	L.S.	Connection to existing Laula Street including smooth riding connection to the existing pavement.	Lump Sum		\$ _____

19	L.S.	Connection to existing Ioane Road including smooth riding connection to the existing pavement.	Lump Sum	\$
20	300	Sq. Yds., Aggregate Base Course, 8 inches thick (Ioane Road).	Per Sq. Yd.	\$
21	300	Sq. Yds., 2.5 inches Asphaltic Concrete Pavement, State Mix V including cold planing (Ioane Road).	Per Sq. Yd.	\$
22	8	Each, Standard County of Kauai, street centerline monument.	Per Each	\$
23	27	Each Asphalt Drain Inlet Aprons.	Per Each	\$
24	27	Each Drain Inlet Subdrain.	Per Each	\$
SUB-TOTAL FOR ROADWAY (Items 14 to 24 inclusive)				\$

### III. DRAINAGE SYSTEM

The prices bid herein for the following items shall include furnishing all labor, equipment, tools, materials and all incidental work necessary to construct the drainage system in place complete, including excavating for catch basins and manholes, trenching for pipes, removing and disposing of unsuitable material and replacing with select material for pipe cushion, sheeting and shoring as required, backfilling, all in accordance with the plans and specifications.

25	3,190	Cu. Yds., Unclassified excavation for drain lines, catch basins, drain manholes, concrete ditch, inlets, and including backfill and pipe cushion.	Per Cu. Yds.	\$
26	80	Lin. Ft., 42" HDPE.	Per Lin. Ft.	\$
27	614	Lin. Ft., 36" HDPE.	Per Lin. Ft.	\$

41	1	Each Drain Outlet with GRP lining.	Per Each	\$	\$
SUB-TOTAL FOR DRAINAGE SYSTEM (Items 25 to 41 inclusive)				\$	

#### IV. TRAFFIC

The prices bid herein for the following items shall include furnishing all labor, equipment, tools materials and all incidental work necessary to construct all necessary traffic control devices in place complete, all in accordance with the plans and specifications.

42	3	Each, Pair Street name sign with post.	Per Each	\$	\$
43	3	Each, R1-1 "STOP" sign.	Per Each	\$	\$
44			Per Each	\$	\$
45	5	Each, R2-1(20) "SPEED LIMIT 20 M.P.H." sign	Per Each	\$	\$
46	8	Each, S4-3, R2-1(15), S4-1 "SCHOOL SPEED LIMIT 15 M.P.H." sign	Per Each	\$	\$
47	1	Each, Relocate existing "End of Road" Barricade.	Per Each	\$	\$
48	3	Each, Removal of existing signs and barricade.	Per Each	\$	\$
49	1	Each, Crosswalk Striping.	Per Each	\$	\$
50	120	Lin. Ft., 12 inch solid white line.	Per Lin. Ft.	\$	\$
51	800	Lin. Ft., 4 inch solid double yellow stripe w/ type "D" rpm @ 20' o.c.	Per Lin. Ft.	\$	\$

52            1            Lump Sum, Traffic control work including traffic control devices, special duty police officers, flag men, placement and removal of devices, cleanup, restoration and incidentals per the effective traffic control plans.

Lump Sum

\$

SUB-TOTAL FOR TRAFFIC (Items 42 to 52 inclusive)
---

\$

### V. 8 INCH WATERLINE (OFFSITE)

The prices bid herein for the following items shall include furnishing all labor, equipment, tools materials and all incidental work necessary to construct the water system in place complete, including excavating for water lines and appurtenances, pipe cushion, backfilling, sheeting and shoring as required, all in accordance with the plans and specifications.

53            210            Cu. yds., Unclassified excavation for water mains and appurtenances, including backfill, and pipe cushion (high resistance cushion material).

Per Cu. Yd.

\$

\$

54            531            Lin. ft., 8-inch Ductile iron pipe, Class 52 including bonded tape coating (include restraint joint pipe).

Per Lin. Ft.

\$

\$

55            2            Each, 8-inch Gate Valve including bonded tape coating.

Per Each

\$

\$

56            2            Each, Standard C.I. valve box and cover.

Per Each

\$

\$

57            490            Pounds, Cast iron fittings including bonded tape coating.

Per Lb.

\$

\$

1 - 8" x 6" Tee, MJ @175

175

2 - 8" V8 Bend MJ @125

250

1 - 6" Solid Sleeve @65

65

TOTAL

490

58            2            Each, 8" Megalug.

Per Each

\$

\$

59            5            Each, Class "B" concrete for reaction blocks, gate valve anchor blocks, etc.

Per Each

\$

\$

59a           1            Each, Class "B" concrete for reaction block with structural strut.

Per Each

\$

\$

60            112.35           Lin. Ft., Directional Drill.

Per Lin. Ft.

\$

\$

84	3	Each, 3/4" Air release valve including stand pipe and all appurtenances.	Per Each	\$	\$
85	5	Each, Fire Hydrant.	Per Each	\$	\$
86	5	Each, Hydrant curb guard.	Per Each	\$	\$
87	25	Each, Double Service Lateral.	Per Each	\$	\$
88	1	Each, Single Service Lateral.	Per Each	\$	\$
89	2	Each, 8" Megalug.	Per Each	\$	\$
90			Per Each	\$	\$
91	2	Each, Blow Off.	Per Each	\$	\$
92	5	Each, Blue reflector FH pavement marker.	Per Each	\$	\$
93	14	Each, Cast iron valve box & cover.	Per Each	\$	\$
94	23	Each, Class "B" concrete for reaction blocks, gate valve anchor blocks, etc.	Per Each	\$	\$
95	4	Each, 8" Cap tapped for 2-1/2" I.P.T. w/ 2-1/2" Cleanout assembly.	Per Each	\$	\$
96	173.5	Lin. Ft., Reinforced concrete jacket for 8" water main.	Per Lin. Ft.	\$	\$
97	17	Lin. Ft., Reinforced concrete jacket for 6" water main.	Per Lin. Ft.	\$	\$
98	L.S.	Connect new 8" water main to existing 8" water main.	Lump Sum		\$
99	L.S.	Chlorination and testing of the entire system.	Lump Sum		\$