

ITEM NO.	EST. QTY.	DESCRIPTION	UNIT PRICE	TOTAL
<p>The contractor shall include furnishing and installing the following items, complete in place, including all mobilization, clearing, grubbing, removal of excess material, excavation, trench excavation, grading, pipe cushion details, backfill, compaction testing, pipe brackets, concrete thrust blocks, joint restraints, fittings, valves, pipes, nipples, testing, paving, pavement repair, temporary trench patching, reconstruction of road facilities, all driveway repairs, shoulder repairs, landscaping repairs, concrete, carpentry, roofing, hardware, painting, miscellaneous metals, instrumentation, planting, site work, and all incidentals, in place complete and operable per plans and specifications. All pipe shall be ductile iron pipe, Class 52, push on joints, unless otherwise specified. All fittings shall be mechanical joint, Class 250, unless otherwise specified. All work shall be according to the Plans, Specifications, and Water System Standards dated 2002, as amended, in place complete and ready for use.</p>				
<b>I. MAKUU OFF-SITE ACCESS ROAD AND TRANSMISSION MAIN</b>				
1	LS	Mobilization and Demobilization for Makuu Off-site Access Road and Transmission Main.	Lump Sum \$ _____	\$ _____
2	LS	Access Road Clearing and Grubbing, including removal of excess material and all incidentals as shown on the plans. (Approximately 5 acres).	Lump Sum \$ _____	\$ _____
3	LS	Unclassified Access Road Excavation (approximately 4,379 cu. yds.) including all work preparatory to laying the next course or item of work, and all incidentals including hauling of excess excavated material to a designated fill site (see Sht C-27), as shown on the plans. Embankment fill (approximately 1,230 cu. yds.) is incidental.	Lump Sum \$ _____	\$ _____
4	2,900	Cu. yds., Trench Excavation and backfill for waterlines and drainlines, without classification, including bedding per plans and specifications.	Cu. Yds. \$ _____	\$ _____
5	8,370	Sq. yds., 2" Minimum Compacted thickness Asphalt Concrete Mix IV, inclusive of 4" minimum compacted thickness aggregate base course, including hauling, spreading, laying, rolling, compacting, and all incidentals, as shown in the plans, in place complete.	Sq. Yds. \$ _____	\$ _____
6	9,820	Lin. Ft., 6"x6" concrete header for access roadway pavement from sta 24+55 to sta 73+63.17	Lin. Ft. \$ _____	\$ _____

7	7,360	Lin. Ft., Furnish and install 12-inch ductile iron pipe, including polyethylene wrap and all incidentals necessary to complete the work in place, per plans and specifications.	Lin. Ft.	\$	_____	\$	_____
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8	LS	Furnishing and installing ductile iron fittings, in place complete. Fittings shall be M.J. Class 250 unless otherwise noted. Furnishing and installing Megalug Resraints are incidental to this item.
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The total weight of the fittings are approximate and are based on M.J. fittings.

12"x6" Tee	4	1,300	
12"x8" Tee	3	1,020	
6" Cap	4	120	
8" Cap	3	135	
		2,575	Lbs

Lump Sum	\$	_____	\$	_____
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9	LS	Lump Sum, DWS 2500 concrete for reaction blocks and test blocks in place complete.
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Lump Sum	\$	_____	\$	_____
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10	9	Each, Furnish and install 12" Butterfly Valve, 250#, M.J., with Valve Box in place complete, per plans and specifications.
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Each	\$	_____	\$	_____
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11	3	Each, Furnish and install 8" Gate Valve, M.J., with Valve Box in place complete, per plans and specifications.
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Each	\$	_____	\$	_____
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12	4	Each, Furnish and install 6" Gate Valve, M.J., with Valve Box in place complete, per plans and specifications.
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Each	\$	_____	\$	_____
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13	6	Each, Furnish and install 1" Air Relief Valve with Valve Box and appurtenances, in place complete, per plans and specifications.
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Each	\$	_____	\$	_____
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14	4	Each, 2" Cleanout including manhole and appurtenances
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Each	\$	_____	\$	_____
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15	1	Each, Furnish and install Cattle (pipe) gate including 3 padlocks, 2 gate stop posts, boulders to prevent vehicular trespassing, all incidentals and appurtenances necessary to complete the work in place, per plans and specifications.	Each	\$	_____	\$	_____
16	LS	Connect to existing mains and chlorination of new mains (see sheets C-16 to C-19 and sheet C-26)	Lump Sum	\$	_____	\$	_____
17	LS	Testing and chlorination at "Makuu Farm and Agricultural Lots Subdivision, Phase I" waterlines; see State of Hawaii Special Conditions.	Lump Sum	\$	_____	\$	_____
18	AL	Corrective work on waterlines and appurtenances at "Makuu Farm and Agricultural Lots Subdivision, Phase I" and additional work as determined by the Engineer (A Contingency Item)	Allowance	\$	<u>100,000.00</u>	\$	<u>100,000.00</u>
19	1	Each, Furnish and install Temporary Wooden Project Sign for USDA.	Each	\$	_____	\$	_____
20	1	Each, Furnish and install Temporary Wooden Project Sign for DHHL.	Each	\$	_____	\$	_____
21	LS	Furnish and install No Trespassing Signs, including posts, and No Off Road Driving Signs, including posts.	Lump Sum	\$	_____	\$	_____
22	LS	Field Office	Lump Sum	\$	_____	\$	_____
23	LS	Temporary Erosion Control Measures for Off-Site Access Road and Transmission Main.	Lump Sum	\$	_____	\$	_____
24	250	Cu. Yd., 2-Inch minimum thick gravel (coarse aggregate) topping on shoulders.	Cu. Yds.	\$	_____	\$	_____

**SUB-TOTAL MAKUU OFFSITE ACCESS  
ROAD AND TRANSMISSION MAIN  
(ITEMS 1 THROUGH 24, INCLUSIVE)**

**\$** \_\_\_\_\_

## **II. MAKUU OFF-SITE PRODUCTION WELL & 1.0 MG RESERVOIR SITE**

25	LS	Mobilization and Demobilization for Makuu Off-site Production Well and 1.0 MG Reservoir.	Lump Sum	\$	_____	\$	_____
26	0.9	Acres, Site Clearing and Grubbing, including removal of excess material and all incidentals as shown on the plans.	Acre	\$	_____	\$	_____
27	6,550	Cu. Yds., Unclassified Site Excavation including all work preparatory to laying the next course or item of work, and all incidentals including hauling of excess excavated material to a designated fill site, as shown on the plans.	Cu. Yds.	\$	_____	\$	_____
28	275	Cu. Yds., Trench Excavation and backfill for waterlines and drainlines, without classification, including bedding per plans and specifications.	Cu. Yds.	\$	_____	\$	_____
29	980	Sq. Yds., 2" Minimum Compacted thickness Asphalt Concrete Mix IV, inclusive of 6" minimum compacted thickness aggregate base course, including hauling, spreading, laying, rolling, compacting, and all incidentals, as shown in the plans, in place complete.	Sq. Yds.	\$	_____	\$	_____
30	62	Lin. Ft., Furnish and install 16-inch ductile iron pipe, including polyethylene wrap and all incidentals necessary to complete the work in place, per plans and specifications.	Lin. Ft.	\$	_____	\$	_____
31	335	Lin. Ft., Furnish and install 12-inch ductile iron pipe, including polyethylene wrap and all incidentals necessary to complete the work in place, per plans and specifications.	Lin. Ft.	\$	_____	\$	_____
32	3,600	Lbs, Furnishing and installing ductile iron fittings, in place complete. Fittings shall be M.J. Class 250 unless otherwise noted.	Lbs.	\$	_____	\$	_____

The total weight of the fittings above are approximate and are based on M.J. fittings below. Fittings shall be all bell, C110 unless otherwise noted.

16" Tee	1	650
16" 1/4 Bend	1	430
16" Solid Body Sleeve	2	550
12" x 10" Reducer, SEB	1	190
12" 1/4 Bend	1	255
12" 1/8 Bend	1	215
12" 1/16 Bend	1	220
12" Tee	2	800
12" Solid Body Sleeve	2	290
Lbs.		<u>3,600 Lbs.</u>

33	16	Cu. Yds., DWS 2500 concrete for reaction blocks and test blocks in place complete.	Cu. Yds.	\$	_____	\$	_____
34	1	Each, Furnish and install 16" Butterfly Valve, 250#, M.J., with Valve Box in place complete, per plans and specifications.	Each	\$	_____	\$	_____
35	3	Each, Furnish and install 12" Butterfly Valve, 250#, M.J., with Valve Box in place complete, per plans and specifications.	Each	\$	_____	\$	_____
36	1	Each, Furnish and install 1" Air Relief Valve with Valve Box and appurtenances, in place complete, per plans and specifications.	Each	\$	_____	\$	_____
37	370	Lin. Ft., Furnish and install 6-inch Ø PVC Perforated Perimeter Drain pipe, inclusive of excavation, round drain rock, 30 mil filter fabric, observation ports, bends and appurtenant fittings, in place complete, per plans and specifications.	Lin. Ft.	\$	_____	\$	_____
38	90	Lin. Ft., Furnish and install 12-inch RCP Drain pipe and appurtenances, in place complete, per plans and specifications.	Lin. Ft.	\$	_____	\$	_____
39	1	Each, Construct 5-foot deep pump waste line drain inlet, inclusive of structural excavation and backfill, in place complete per plans and specifications.	Each	\$	_____	\$	_____

40	3	Each, Grated Drain Inlet including frame and grate, excavation and backfill, 16" Flap valve, F.E.; and appurtenant piping, rungs, concrete transition swale, in place complete per plans and specifications.	Each	\$	_____	\$	_____
41	3	Each, Construct 8'-0" diameter by 8'-0" depth drain sump, with reinforced concrete cover, galvanized steel frame and inlet grate, including all incidentals, excavation and backfill, in place complete per plans and specifications.	Each	\$	_____	\$	_____
42	LS	Furnish and install miscellaneous exterior site piping including but not limited to: exterior high pressure water line, reduced pressure zone backflow preventer, exterior piping from effluent line to chlorine residual analyzer, exterior air line for well level recording, exterior pressure sensing line for reservoir recording, sampling hose bibb connection and sampling spigot line at reservoir effluent line, all appurtenant fittings and incidentals, in place complete, per plans and specifications.	Lump Sum	\$	_____	\$	_____
43	LS	Furnish and install one (1) Vertical Submersible Deep Well Pump and Motor Unit Complete: including Discharge Column Pipe, Lakewood check valves, surface plate assembly, power cable, Well Level Sensor Transmitter, PVC Sounding Tube Conduits (2) and all other appurtenant and connected components, in place complete, tested and fully operational, per plans and specifications.	Lump Sum	\$	_____	\$	_____
44	LS	Furnish and install above ground pump piping, pump control valve, check valve, magnetic flow meter, gate valve, flow switch, air valve, vacuum release valve, digital pressure gauges, fittings, piping, incidentals and all otherwise itemized per plan and specifications, in place complete, tested and in proper operating condition: <ul style="list-style-type: none"> <li>a. 8-inch well pump control valve;</li> <li>b. 10-inch silent check valve;</li> <li>c. 10-inch Mag-flow meter with mag transmitter;</li> <li>d. 10-inch gate valve;</li> <li>e. Flow switch;</li> <li>f. Air release valve;</li> <li>g. Vacuum release valve;</li> <li>h. Above ground pump piping, fittings and other connected appurtenances.</li> </ul>	Lump Sum	\$	_____	\$	_____

- 45      LS      Furnish and install concrete and concrete work for deepwell pump pad, pump piping pad, pedestals and pipeline anchors (above and below ground), with reinforcing bars, inclusive of structural excavation and backfill, station elevation benchmark, per plans and specifications, in place complete.
- Lump Sum    \$        \$
- 46      LS      1.0 Million Gallon Pre-Stressed Concrete Reservoir including subbase and base structural fill, 30 mil. PVC membrane, 6 mil. moisture barrier, pipe penetrations, influent, effluent, overflow, and cleanout pipelines, pipe supports, pipeline fittings, to exterior face of footing, footings, columns, walls and roof, vertical pre-stressing, wire-wrap with shotcrete cover, interior access ladder, exterior access stairs railings, security fence and gate at roof, hatches, water level indicator, vents, interior pipe coating and exterior finishes, station elevation benchmark, and all appurtenances and incidentals, as shown on the plans, in place complete, plus reservoir design calculations and construction drawings. Also, included is the requirement for test holes (probing) as required by DWS Standards Section 303.02.C.1d.
- Lump Sum    \$        \$
- 47      1      Each, Furnish and install Tank Level Pressure Transmitter including but not limited to piping, fittings, support pipe and appurtenances, and connection to washout line, as shown on the plans in place complete.
- Each        \$        \$
- 48      LS      Furnish and install 12-inch flow meter by-pass assembly including but not limited to 12-inch Mag-Flow 5100W meter unit with Mag 5000 signal converter and cables, piping, air release valves, fittings, pipe supports and straps, concrete pad and compacted base course, structural excavation and backfill; and all other connected appurtenances, in place complete per plans and specifications.
- Lump Sum    \$        \$
- 49      LS      Furnish and install Control building including masonry, concrete roof slab, roofing, sheet and miscellaneous metals, doors, windows, finish hardware, louvers, restroom fixtures, painting, footings, floor slab and equipment pads, sidewalk, base course, structural excavation and backfill; and all incidentals, in place complete per plans and specifications.
- Lump Sum    \$        \$

50	LS	Furnish and install all Chlorinator System, Capital Controls Advance Series 200, Eyewash/ Emergency Shower System, packaged booster pump station and appurtenant Plumbing, Electrical controls, sensing systems, Hydro-pneumatic Tank, Continuous Chlorine Residual monitor transmitter w/ housing, Chlorine Leak Detector and Senors, Pressure relief valve, Pressure regulating valves, and all other incidentals and appurtenances, in place complete per plans and specifications.	Lump Sum	\$	
51	LS	Furnish and install Chlorine Solution Injector Assembly inclusive of 1-inch corp stop, 1/2-inch PVC solution tube, 1-inch solution hose, 3-inch Ø PVC pipe, 1-inch ball valve, fittings, DWS standard meter box for 1 1/2-inch meter, excavation, backfill, base course, all other incidentals and appurtenances, in place complete per plans and specifications.	Lump Sum	\$	
52	LS	Furnish and install one sewage holding tank inclusive of excavation, backfill, high level alarm float switch, sewage tank float, and all other incidentals and appurtenances, in place complete per plans and specifications.	Lump Sum	\$	
53	20	Lin. Ft., Furnish and install 4-inch Ø PVC sewage pipe to sewage holding tank, including fittings, two 4-inch Ø PVC cleanout to grade (C.O.T.G.), excavation and backfill and all incidentals necessary to complete the work in place, per plans and specifications.	Lin. Ft.	\$	\$
54	1,006	Furnish and install 6'-0" high chain link fencing including concrete footings, braces, excavation, all incidentals and appurtenances necessary to complete the work in place, per plans and specifications.	Lin. Ft.	\$	\$
55	1	Each, Furnish and install 14-feet wide double swing 6'-0" high chain link gate including padlock, security switch, all incidentals and appurtenances necessary to complete the work in place, per plans and specifications.	Each	\$	\$
56	LS	Temporary Erosion Control Measures for Off-Site Production Well and 1.0 MG Reservoir Site.	Lump Sum	\$	\$



57	LS	Hydrostatic pressure testing and chlorination of reservoir and site piping, including all incidentals and appurtenances, in place complete.	Lump Sum	\$	_____	\$	_____
58	LS	Provide and deliver to Hilo DWS Base Yard Spare Bearings and Seal only for this Well Project.	Lump Sum	\$	_____	\$	_____
59	LS	Furnishing, installing, and subsequent removal of pumping test equipment, if required, in accordance with the plans and specifications.	Lump Sum	\$	_____	\$	_____
60	170	Per Hour, Pumping Tests, in accordance with the plans and specifications.	Per Hour	\$	_____	\$	_____
61	AL	Allowance to compensate Owner's Hydro-Geologist Representative to monitor test pumping, well chlorination, and cleansing.	Allowance	\$	10,000.00	\$	10,000.00
62	LS	Analytical Well Water testing, including all incidentals, in accordance with the plans and specifications.	Lump Sum	\$	_____	\$	_____
63	LS	Provide As-built drawings, Instructions, Maintenance and Parts List Manuals and deliver to the Department of Water Supply's Engineering Office in Hilo.	Lump Sum	\$	_____	\$	_____

**SUB-TOTAL MAKUU OFF-SITE PRODUCTION  
WELL & 1.0 MG RESERVOIR SITE  
(ITEMS 25 THROUGH 63, INCLUSIVE)**

**\$**

### III. KEONEPOKO NUI BOOSTER PUMP STATION SITE IMPROVEMENTS

64	LS	Mobilization and Demobilization for Keonepoko Nui Booster Pump Station Site Improvements	Lump Sum	\$	
65	60	Cu. Yds., Trench Excavation and backfill without classification, including bedding per plans and specifications.	Cu. Yds.	\$	
66	26	Lin. Ft., Furnish and install 12-inch ductile iron pipe, including polyethylene wrap and all incidentals necessary to complete the work in place, per plans and specifications.	Lin. Ft.	\$	
67	150	Lin. Ft., Furnish and install 8-inch ductile iron pipe, including polyethylene wrap and all incidentals necessary to complete the work in place, per plans and specifications.	Lin. Ft.	\$	
68	560	Lbs, Furnishing and installing ductile iron fittings, in place complete. Fittings shall be M.J. Class 250 unless otherwise noted.	Lbs.	\$	
The total weight of the fittings above are approximate and are based on M.J. fittings below. Fittings shall be all bell, C110 unless otherwise noted.					
12" x 8" Tee			340		
12" 1/32 Bend			220		
			560 Lbs.		
69	2	Cu. Yds., DWS 2500 concrete for reaction blocks and test blocks in place complete.	Cu. Yds.	\$	
70	2	Each, Furnish and install 12" Butterfly Valve, 250#, M.J., with Valve Box in place complete, per plans and specifications.	Each	\$	
71	1	Each, 8" Gate Valve, 200#, M.J., with Valve Box in place complete	Each	\$	
72	LS	Demolish and remove existing HELCo boxes. Contractor to test prior to demolition.	Lump Sum	\$	

- 73      LS      Furnish and install concrete and concrete work for booster pump pad, booster pump piping pad, pedestals and pipe straps, flange supports, pipeline anchors (above and below ground), with reinforcing bars, inclusive of structural excavation and backfill per plans and specifications, in place complete.
- Lump Sum   \$   \_\_\_\_\_   \$   \_\_\_\_\_
- 74      LS      Furnish and install booster pump piping, pump control valves, Mag 5100W flow meters with Mag 5000 signal converters, flow switches, combination back pressure and remote control valve, pressure relief valves, gate valves, air release valves, pressure gauge assemblies, fittings, all other incidentals and appurtenances as per plans and specifications, in place complete, tested and in proper operating condition.
- Lump Sum   \$   \_\_\_\_\_   \$   \_\_\_\_\_
- 75      LS      Furnish and install two (2) vertical turbine booster pumps and VHS motors, discharge heads and cans, all other incidentals and appurtenances as per plans and specifications, in place complete, tested and in proper operating condition.
- Lump Sum   \$   \_\_\_\_\_   \$   \_\_\_\_\_
- 76      LS      Connection to existing 16" effluent line at station 0+00 Booster Pump Line, including cutting and removal of 6 l.f. of existing 16" pipe; installation of 16"x 8" tee, concrete block, 16" butterfly valve, 8" gate valve, valve boxes, 16" solid body sleeve, 6 l.f. of 16" pipe, 1" ARV unit and manhole; necessary nipples and items for testing, inclusive of trench excavation, backfill and bedding, per plans and specifications in place complete.
- Lump Sum   \$   \_\_\_\_\_   \$   \_\_\_\_\_
- 77      LS      Connection to existing 12" water line at station 234+07.16 Keaau-Pahoa Rd., including cutting and removal of 6 l.f. of existing 12" and 8" pipe; removal of 12" 1/4 bend and concrete block, 12"x8" reducer; installation of 12" x8" tee, concrete block, 12" butterfly valve, 8" gate valve, valve boxes, 12" solid body sleeve, 8" solid body sleeve, 6 l.f. of 12" pipe, 6 l.f. of 8" pipe; necessary nipples and items for testing, inclusive of trench excavation, backfill and bedding, per plans and specifications in place complete.
- Lump Sum   \$   \_\_\_\_\_   \$   \_\_\_\_\_

78	LS	Removal of existing 12" water line at station 233+85.20 Keaau-Pahoa Rd., including cutting and removal of 30 l.f. of existing 12" pipe, 12" gate valve and valve box, 12" 1/4 bend, 12" cap, cleanout assembly and box, concrete blocks, inclusive of excavation and backfill, per plans and specifications in place complete.	Lump Sum	\$	_____	\$	_____
79	LS	Connection to existing 12" water line at station 233+82.86 Keaau-Pahoa Rd., including installation of 12" sleeve, 21 l.f. of 12" pipe, 12" 1/32 bend, concrete block, necessary nipples and items for testing, inclusive of trench excavation, backfill and bedding, per plans and specifications in place complete.	Lump Sum	\$	_____	\$	_____
80	LS	Keaau-Pahoa Road Reconstruction and Temporary Traffic Control Plan inclusive of full width paved shoulder reconstruction, excavation, glassphalt concrete base course, asphalt concrete Mix IV, milled rumble strips, pavement striping and pavement markers, in place complete per plans and specifications.	Lump Sum	\$	_____	\$	_____
81	LS	Temporary Erosion Control Measures for Keonepoko Nui Booster Pump Station Site Improvements.	Lump Sum	\$	_____	\$	_____
82	LS	Provide and deliver to Hilo DWS Base Yard Spare Bearings and Spare Mechanical Seals.	Lump Sum	\$	_____	\$	_____
83	LS	Hydrostatic pressure testing and chlorination of piping and appurtenances, including all incidentals and appurtenances, in place complete.	Lump Sum	\$	_____	\$	_____
84	LS	Provide As-built drawings, Instructions, Maintenance and Parts List Manuals and deliver to the Department of Water Supply's Engineering Office in Hilo.	Lump Sum	\$	_____	\$	_____

**SUB-TOTAL KEONEPOKO BOOSTER PUMP  
STATION SITE IMPROVEMENTS  
(ITEMS 64 THROUGH 84, INCLUSIVE)**

**\$** \_\_\_\_\_

**IV. MAKUU ELECTRICAL WORK**

85	LS	Provide mobilization and demobilization for electrical work, including but not limited to field investigation and measurements, hauling, delivery and removal of equipment and cleanup and finishing work.	Lump Sum	\$	_____	\$	_____
86	LS	Provide Radio Path Study per specifications	Lump Sum	\$	_____	\$	_____
87	LS	Provide exterior electrical work at Makuu Well Site for electrical services including riser conduits, service ductlines, handholes, concrete pads for utility equipment and service transformer, Pump System service/metering equipment, Auxiliary System service/metering equipment, TVSS, all in accordance with utility company Rules and Regulations and Service Installation Manual.	Lump Sum	\$	_____	\$	_____
88	LS	Provide interior and exterior electrical work at Makuu Well Site for power and controls for Control Building, and Wellhead/ Piping Pad, including Motor Control Equipment, PNLBD A, RCDR Panel, SCADA Cabinet, Chlorinator Control Panel and related work, Chlorine and Ammonia Leak Detection and related work, pump and motor connections, control device connections, instrumentation connections, and related work as indicated. (10 percent of this item shall be paid separately under Item 92)	Lump Sum	\$	_____	\$	_____
89	LS	Provide interior and exterior electrical work at Makuu Well Site for receptacle and lighting system for Control Building and Wellhead/Piping Pad, including branch circuit wiring, receptacles, and lighting fixtures.	Lump Sum	\$	_____	\$	_____
90	LS	Provide electrical work at existing Keonepoko Nui Reservoir Site for demolition and new work for two new booster pumps, modification to existing pump controls, new pump controls, pump and motor connections, control device connections, SCADA Cabinet, and related work as indicated. (10 percent of this item shall be paid separately under Item 92.)	Lump Sum	\$	_____	\$	_____

91	LS	Provide all work to assist with commissioning work by DWS to place into service the SCADA equipment and system at all Sites, start-up and testing; and pre-acceptance testing. (Configuration, set-up, and programming work by DWS.) (20 percent of this item shall be paid separately under Item 92.)	Lump Sum	\$	_____	\$	_____
92	LS	Provide testing for final acceptance for all electrical items, control functions, SCADA system, to obtain the proper operation at all Sites, to the satisfaction and acceptance of the Department. (20 percent of this item shall be paid separately under Item 92.)	Lump Sum	\$	_____	\$	_____
93	LS	Provide for 60 days continuous operation of electrical and control systems at all Sites satisfactory to the Department after acceptance of the project. (This item shall be 20 percent of Items 90 and 91 and 10 percent of Items 87 and 89.)	Lump Sum	\$	_____	\$	_____
94	LS	Furnish and deliver SCADA system equipment and accessories, Desktop Workstation and accessories, and Laptop Computer and accessories to the Department per specifications.	Lump Sum	\$	_____	\$	_____
95	LS	Provide As-Built Drawings, Instruction, Maintenance, and Parts List Manuals for electrical work. Deliver to the Department's Hilo Baseyard in Hilo.	Lump Sum	\$	_____	\$	_____
96	LS	Provide spare parts for electrical work as described in the specifications. Deliver to the Department's Hilo Baseyard in Hilo.	Lump Sum	\$	_____	\$	_____
97	AL	Provide allowance for payment to Hawaii Electric Light Co. and any other utility companies for electrical and telephone services and related costs. Include tree-trimming in this allowance item.	Allowance	\$	850,000.00	\$	850,000.00

**SUB-TOTAL MAKUU ELECTRICAL WORK  
(ITEMS 85 THROUGH 97, INCLUSIVE)**

**\$** \_\_\_\_\_

**RECAPITULATION**

I. MAKUU OFF-SITE ACCESS ROAD AND TRANSMISSION MAIN (ITEMS 1 THROUGH 23, INCLUSIVE)	\$ _____
II. MAKUU OFF-SITE PRODUCTION WELL & 1.0 MG RESERVOIR SITE (ITEMS 25 THROUGH 63, INCLUSIVE)	\$ _____
III. KEONEPOKO NUI BOOSTER PUMP STATION SITE IMPROVEMENTS (ITEMS 64 THROUGH 84, INCLUSIVE)	\$ _____
IV. MAKUU ELECTRICAL WORK (ITEMS 85 THROUGH 97, INCLUSIVE)	\$ _____
V. CONTINGENCY FUND FOR ENTIRE PROJECT (A Contingency Item)	\$ <u>1,300,000.00</u>
<b>TOTAL SUM BID</b>	\$ <table border="1" style="display: inline-table; width: 150px; height: 30px; vertical-align: middle;"></table>

Unit Prices have been computed in accordance with paragraph 11.03.B of the Standard General Conditions of the Construction Contract.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the contract Documents.