

# Project Schedule of Values

Community Name: Kiruru  
 Country: Tanzania  
 Project Number: 00.000.00

Estimator: Will Furlong  
 Program Expense Ratio: 90%  
 Contingency: 10%

	WMI Labor Expenses	Project Travel Related Expenses	Materials & Installed Equipment	Subcontract & Rented Equipment Expenses	Freight, Duties & Customs	Total Expenses	WMI Man-days	WMI Site Visits
Phase 1.1 Assessment	2,888	2,308	295	-	-	5,490	13	2
Phase 2.1 Design & Engineering	935	-	-	-	-	935	4	0
Phase 3.1 Water Source Development	1,375	1,368	26,529	-	-	29,272	10	1
Phase 3.2 Structures	-	-	13,984	3,667	-	17,650	0	0
Phase 3.3 Electrical	-	-	16,189	611	-	16,800	0	0
Phase 3.4 Pumping Equipment	-	-	3,757	489	-	4,245	0	0
Phase 3.5 Water Storage Tanks	-	-	4,666	144	611	5,421	0	0
Phase 3.6 Water Distribution Taps	-	-	4,472	-	-	4,472	0	0
Phase 3.7 Water Treatment	-	-	1,944	-	-	1,944	0	0
Phase 3.8 Piping	-	-	21,317	1,222	2,444	24,984	0	0
Phase 3.9 Sanitation	-	-	-	-	-	-	0	0
Phase 3.10 Other	15,015	10,526	-	-	5,752	31,293	100	16
<i>Phase 3: Construction &amp; Installation Sub Total</i>	16,390	11,894	92,857	6,133	8,807	136,081	110	17
Phase 4.1 Community Mobilization	1,238	1,443	187	-	-	2,867	9	4
Phase 4.2 Safe Water Committee Education	1,100	2,075	187	-	-	3,362	8	2
Phase 4.3 Wash Promotion (Health & Hygiene )	1,650	776	791	-	-	3,217	12	4
Phase 4.4 Operator Training	275	110	24	-	-	409	2	0
Phase 4.5 Living Water Program	-	-	-	-	-	-	0	0
Phase 4.6 Commissioning	2,228	2,253	1,722	-	-	6,202	12	2
<i>Phase 4: Community Development Sub Total</i>	6,490	6,657	2,911	-	-	16,058	43	12
Phase 5.1 Follow-Up & Support	5,088	6,243	-	-	-	11,331	30	15
<b>Project Total</b>	31,790	27,102	96,063	6,133	8,807	169,895	200	46

## Materials & Installed Equipment List

	Item	WMI #	QTY	Cost
1	Water Testing Supplies	0	1	\$ 50
2	National lab water quality test	0	2	\$ 244
3	Hydrogeological study (assumed)	0	1	\$ 1,797
4	Borehole construction & testing (assumed)	0	1	\$ 24,444
5	Protective cover	0	1	\$ 288
6	Steel solar rack (ground mounted)	0	1	\$ 6,471
7	Confined masonry treatment enclosure	0	1	\$ 6,111
8	Chlorinator cabinet at storage tanks	0	1	\$ 791
9	Water storage tank concrete slab	0	1	\$ 611
10	SunModule Plus SW 235 Poly	005036	36	\$ 8,706
11	Electrical Grounding Kit	012600	1	\$ 131
12	Grundfos Solar Level Switch (97911220) (float switch for solar surface pump only)	005023	2	\$ 49
13	18/2 Sprinkler System Wire (signal Transmissions Wire, 30V)	001213	2500	\$ 422
14	10GA 37 Strand RHW-2/USE-2 Solar Wire	005008	200	\$ 112
15	12/2 w/12 GR Flat Jacketed Heavy Duty Type-THW	001222	350	\$ 205
16	Female Solar Cable Connector PV-KBT3	005005	36	\$ 60
17	Male Solar Cable Connector PV-KST3	005006	36	\$ 66
18	Copper Set Screw Straight Tongue Lug (6 GA, M6 Bolt)	005010	36	\$ 99
19	8ft 1/2" OD Copper Ground Rod	013012	1	\$ 22
20	12/2 w/12GR UF-B WG (underground feed, direct bury)	001225	200	\$ 84
21	Solar disconnect switch	0	1	\$ 302
22	3-way transfer switch	0	1	\$ 252
23	PVC conduit & misc. connectors	0	1	\$ 288
24	Solar inverter	0	1	\$ 2,444
25	Junction box components	0	1	\$ 338
26	OTDCP16 Circuit Breaker, 16 Amp	0	3	\$ 403
27	OVR PV 40-1000 P, Surge Protection	0	2	\$ 661
28	Sensor Dry Run, for SP + RSI	0	1	\$ 288
29	Wire splice kits	0	3	\$ 32
30	Satellite remote monitoring	0	1	\$ 1,222
31	SP5A-52 5.5KW 3x380-415V 50Hz	0	1	\$ 3,451

	Item	WMI #	QTY	Cost
32	Meter, valves, etc.	0	1	\$ 306
33	10,000 litre polyethylene tank	0	2	\$ 4,170
34	Tank connectors	0	2	\$ 129
35	Valve box	0	2	\$ 367
36	Tap stands and aprons	0	7	\$ 2,567
37	Metres, valve boxes	0	8	\$ 1,150
38	Animal trough	0	1	\$ 755
39	Totalizer and Rotameter Add-On for Potable Water Chlorinator	020002	3	\$ 736
40	Potable Water Chlorinator and Kit w/ Chlorine Color Wheel Tester	020004	3	\$ 956
41	Miscellaneous fittings	0	1	\$ 252
42	75mm PN10 HDPE (source line)	0	900	\$ 4,853
43	75mm PN6 HDPE	0	1200	\$ 4,745
44	50mm PN6 HDPE	0	1000	\$ 2,516
45	40mm PN6 HDPE	0	3000	\$ 4,314
46	Fittings allowance	0	1	\$ 3,092
47	Galvanized steel drop pipe	0	100	\$ 1,797
48	Flip chart, supplies	0	1	\$ 187
49	Flip charts, supplies	0	1	\$ 187
50	WASH training supplies	0	1	\$ 288
51	T shirts	0	20	\$ 359
52	Food	0	20	\$ 144
53	System manual	0	1	\$ 24
54	Tent hire	0	1	\$ 183
55	Food & supplies	0	1	\$ 575
56	T shirts	0	40	\$ 719
57	PA system	0	1	\$ 183
58	Dedication sign	0	1	\$ 61
59				
60				
61				
62				
63				
Total:				\$ 96,063