

Date	Item	Cost (\$US)	Comments
29/04/16	WorldSIM 3G	\$150	Trial unit to allow WWW monitoring of Solar System
4/05/16	General Tool Box	\$285	New general toolbox for Lubumbashi, older identical unit to go to Lwanza for solar maintenance work
4/05/16	Other small tools	\$25	Small long screwdrivers, 12/24/AC testing screwdriver
4/05/16	Airtel SIM + Data	\$20	Trial data package to fit WorldSIM unit above
23/05/16	Solar Supplies	\$35	12 rolls tape (red, blue, black, green), glue, silicone, silicone gun
23/05/16	Cable Conduit	\$35	15 x 4m lengths PVC cable conduit for solar install
25/05/16	Solar Panels	\$3,400	12 x 200w panels (2.4kW potential)
25/05/16	Steel Angle Iron	\$70	30m of 40mm angle iron for solar panel framing
25/05/16	Box, Breakers, Socket	\$90	Viko Distribution Box (8 Breaker Capacity), 6 x 10A breakers, 1 x Viko Flush mount wall socket
30/05/16	Switches/sockets	\$280	20 x mains sockets (Viko flush mounting) and 10 x light switches (Viko flush mount)
31/05/16	AirTel Data	\$50	Internet use related to Solar Project (checking options, specs etc)
15/06/16	Silicon Tube	\$13	General electrical sealer work
16/06/16	Light Switches	\$55	Viko Double Light Switches for Surgical Ward x 10
17/06/16	LED Strip Lights	\$25	Strip lights for Surgery lighting x 6
18/06/16	Welding rods etc	\$50	Welding rods for frame construction, cutting discs, petrol for generator
20/06/16	Earth Rod Parts	\$80	Copper earth rod and clamps
20/06/16	Fuel to Luanza	\$150	Fuel for return trip to Lwanza for Blue Landcruiser
20/06/16	6A Breakers	\$140	6A Breakers for AC side of invertors x 12
20/06/16	Sundry	\$120	Multi-outlet x 2, wood screws x 24 packs, 3m aluminium ladder to assist panel cleaning
20/06/16	Terminal blocks etc	\$180	Terminal blocks x 12, brass joiner, neutral and earth bars, heavy cable joiners x 4, copper wire, battery cables
20/06/16	Steel Angle Iron	\$70	30m of 40mm angle iron for solar panel framing to roof
21/06/16	12v LED lights	\$25	15 x 5w LED 12v lights
21/06/16	Solar Electronics	\$3,750	Assorted 230v cables, lighting sockets, 4 x 100Ah batteries, 6 x Solar MPPT Controllers, 4 x Invertors, 30 x breakers
21/06/16	Distrib Box (18)	\$30	18 Breaker distribution box
21/06/16	Clamp Multimeter	\$12	Clamp style multimeter
21/06/16	10w LED Spotlight	\$30	10W LED floodlight for maternity theatre
21/06/16	Breaker Box E/N	\$17	Breaker box earth and neutral termination blocks (x 4)
21/06/16	63A Mains Switch	\$40	Crossover switch for mains at Luanza (double throw, 3 pole).
22/02/16	Food	\$10	Drinks and food for workers during day
26/06/16	Timber	\$75	Timber for fastening to roof for cleaning panels
26/06/16	Earth Trench	\$20	Labour for digging 1.5m x 10m earth trench
26/06/16	Water	\$10	200l water to damp down earth trench
30/06/16	Mains Cable	\$100	30m 2.5mm 3-core for power outlets ex Kalimie
30/06/16	Heavy Cable	\$60	14m heavy duty 4-core cable to run from generator termination point in surgery to main control room ex Kalimie
30/05/16	Light Cable	\$15	Light duty 2-core cable for sundry lighting ex Kalimie
30/05/16	Earth Cable	\$100	100m 6mm PVC covered earth cable ex Kalimie
6/07/16	Accommodation	\$40	\$5/night/person for 2 nights, 4 people
6/07/16	Water	\$10	Water for earth trench, 200L
6/07/16	Food	\$30	2 nights for 4 people
7/07/16	Wages	\$30	2 days at Lwanza for Louis
7/07/16	Travel Food	\$20	4 people on the road for food and drink
8/07/16	Batteries	\$450	2 x 100Ah batteries to replace old units at Lwanza that had badly swollen (for DC lighting backup in Surgery)
8/07/16	Battery Connectors	\$25	8 x Terminal Connectors for new batteries and stock
9/07/16	Food	\$40	Final shout for guys on leaving

Total **\$10,262**