

ATTACHMENT B

Table 1: List of Items & Specifications

Please note that the items are required for Solar Power Back-Up & Local Area Network (LAN) installations. Please provide the quoted brand and brochures where applicable.

NB: The Initial Quantity is what is currently required. Optional Quantity is what may be required in future and on this, please refer to additional information in the RFQ for full explanation.

	ITEM	SPECIFICATIONS	Initial QTY	Optional Quantity
1	Inverter	48VDC-5KVA MPPT Hybrid	14	7
2	Inverter	24VDC-3KVA MPPT Hybrid	1	1
3	Solar Panels	325W Canadian/Equivalent solar panel	120	60
4	80A Double Pole DC MCB	80A Double pole-Battery-Din Rail Mount	26	13
5	200Ah Solar Batteries	12VDC 200Ah (Narada/equivalent)	62	30
6	Manual Change over Switch	63ADouble Pole-MCB Type	15	6
7	Distribution Board	8way double door-Din Rail Type	33	12
8	Main Switch	63AMP ELCB-DIN Rail Mount	27	13
9	AVS 30	AVS 30A	15	7
10	60A Double Pole MCB	60A Double Pole MCB DIN rail mount	32	12
11	Circuit breaker	32A-Single Pole-Din Rail Mount	69	30
12	Earth rod		27	13
13	Data Sockets	CAT6 Ethernet Data socket full set	234	100
14	Power Switch	1 gang 2-way surface mount Metal clad	297	100
15	Pad Locks		16	8
16	3 core electric Flex Cable	2.5 mm electric Flex Cable (100m rolls)	59	20
17	Solar DC Cable	4mm Red(meters)	690m	300
18	Solar DC Cable	4mm Black(meters)	690m	300
19	Battery DC Cable	16mm Red(meters)	450m	200
20	Battery DC Cable	16mm Black(meters)	450m	200
21	Powercon Male	16A-230VAC	309	150
22	Powercon Female	16A-230VAC	309	150
23	Push on Connectors		970	400
24	Cable Trunking	25*40 Trunking	795	400
25	Cable Trunking	75*50 Trunking	51	20

26	Fisher and Screws	8 mm (boxes)	152	50
27	HDPE Pipe	25 mm HDPE Pipe (meters)	1661	500
28	HDPE Couplings	25mm HDPE Couplings	80	40
29	PVC Pipe	25mm PVC Pipe	649	300
30	PVC Saddles	25mm PVC Saddles	1290	600
31	PVC Nipples	25mm PVC Nipples	590	200
39	PVC Couplings	25mm PVC Couplings	1130	600
40	PVC Round box and Covers		365	100
41	Cable Ties	Cable Ties	81	40
42	PVC Solvent Cement		15	7
43	Cement(bags)		13	6
44	Insulation Tape	(Red, Blue, Green)	90	45
45	Cable Lugs	16mm by 8mm	160	80
46	15U Server Cabinet (see picture on the attachment)	15U 760x600x600 mm	15	7
47	Network Switch (see picture on the attachment)	24 Port Network Switch	24	12
48	Network cable	Molex CAT6 Network cable preferred/equivalent (500-meter drums)	24	12
49	Brush Panel (see picture on the attachment)	MikroTik CRS326-24G-2S+RM	24	12
50	Patch Panel (see picture on the attachment)		24	12
51	Patch Chord	1m Ethernet Patch Chord	226	100
52	Fly Leads	3m Ethernet Fly Leads	233	100
53	RJ 45 Connectors	RJ 45 Connectors	237	100
54	RJ 45 Boots	RJ 45 Boots	237	100
55	Rack Tray (see picture on the attachment)		11	5
56	Rawl Bolt s	10mm Rawl Bolt	76	30
57	Switch Cabinet	6U Ethernet Switch Cabinet	8	4
58	AC Surge Protector	AC-230-300VAC	15	7
59	DC Surge Protector	PV 150 VDC-1000VDC Max/20kA – Type 2	15	7
60	MC4 Connector pair		121	50
61	MC4 Branch pair		121	50
62	Wireless Access Points (see picture on the attachment)	MikroTik cAP ac (RbcAPGi-5acD2nD)	12	6
63	25 mm HDPE elbow joint	25 mm HDPE elbow joint	120	60

64	Hole Saw Cutter	25mm	34	15
65	Single core cable Green	6mm single core earthing cable (meters)	7	3
66	Lightening Arrestor	Air Rod-type	15	7