

LIST OF SPARE COMPONENTS FOR DOE30 INSTALLATIONS

Item	Specification	Quantity	Unit
1	Battery Charge Controller - 12VDC nominal voltage - $V_{in} = 20.0V$ ; $V_{out} = 12V$ - $I_{charging} = 25A$ ; $I_{load} = 15A$	2	pc
2	Battery Charge Controller - with night switch - 12VDC nominal voltage - $V_{in} = 19.0V$ ; $V_{out} = 12V$ - $I_{charging} = 10A$ ; $I_{load} = 10A$	2	pcs.
3	DC-AC Inverter - 12VDC-220VAC, 60Hz - 300VA - modified sine wave	1	unit
4	Compact Fluorescent Lamp 220VAC 11W	14	units
5	Compact Fluorescent Lamp 12VDC 18W - with receptacle	2	unit
6	Lead-acid Battery - 12V, 100A-hr, Deep Cycle	2	units

LIST OF TOOLS FOR THE BRECD A TECHNICIAN (PER BARANGAY)

1	Electrical Plier 8"	1	unit
2	Electrical Side Cutter 8"	1	unit
3	Screw Drivers	1	set
4	Digital Multimeter ( 10A)	1	unit
5	Adjustable Wrench 8"	1	unit

Instruction:

1. Complete set of spare parts will be provided by the winning bidder
2. One set of technician's tool per barangay will be provided by the winning bidder