

Table : Budget in Proposal format				
S/N	Description of Item	Cost/Item (₦)	Qty	Expected From
				NASENI
1.0	TOOLS AND CONSUMABLES			
1.1	Metric Drill Bits set	15,000	2	30,000
1.2	Sealant tape	600	5	3,000
1.3	Silicon seal Gum	8,000,	3	24,000
1.4	Cyanoacrylate adhesive	1,500	10	15,000
1.5	Perplex Cutter Hook Acrylic Cutting tool with spare tungsten blades	8,000	2	16,000
1.6	Spot welding lit-ion printing machine	250,000	1	250,000
1.7	Hole saw set	19,000	1	19,000
1.8	Hack saw blade spare	300	10	3,000
1.9	Power screw bits	900	10	9,000
1.10	Cordless Power drill machine	60,000	1	60,000
1.11	Mini Angle grinder machine	85,000	1	85,000
1.12	Hacksaw	9,000	1	9,000
1.13	Trimmer	4,500	1	4,500
1.14	Hot Gun Glue	150	200	30,000
1.15	Hot Glue Gun	4,000	1	4,000
1.16	Soldering iron	9,000	2	18,000
Sub-Total				579,500
2.0	POWER PACK MAINS			
2.1	Nickel Straps/Tape	35,000	3	105,000
2.2	18650 cells	3,000	1,500	4,500,000
2.3	Battery monitoring system	60,000	3	180,000
2.4	Cablings	60,000	1	160,000
2.5	Soldering lead	25,000	1	15,0000
2.6	USB module	8,000	3	24,000
2.7	Output display	10,000	1	10,000
2.8	Ac output socket	3,000	3	9,000
2.9	Dc plug and Socket	5,000	1	5,000

2.10	Cooling system	3,000	10	30,000	
2.11	Boost converter	15,000	4	60,000	
2.12	Silicon Diodes	100	30	3,000	
2.13	led	1,000	1	1,000	
2.14	Battery terminals	5,000	12	60,000	
2.16	AC input terminal	500	3	1,500	
2.17	Power switches and relays	3000	6	18,000	
2.18	DC Breaker twin pole	8,000	3	24,000	
2.19	AC Breaker twin pole	7,000	3	21,000	
2.20	Power Surge Protector	8,000	6	48,000	
2.21	Dc Fuse	12,000	3	36,000	
2.23	AC voltage Regulator	8,000	3	24,000	
2.24	Monocrystalline photovoltaic panel and cabling	2,000,000	-	2,000,000	
2.25	Inverter system	250,000	3	750,000	
Sub-Total				8,084,500	
3.0	FRAME/ SHELLING				
3.1	4/5mm Plexi glass	135,000	1	135,000	
3.2	Plywood	30,000	1	30,000	
3.3	Fasteners	10,000	-	10,000	
3.4	High density polystyrene sheets	8,000	1	7,000	
3.5	Handles bars	2,000	3	6,000	
3.6	Wall Mount Chrome Brackets	750	12	9,000	
3.9					
Sub-Total				197,000	
4.0					
4.1	Volt meter.	10,000	1	10,000	
4.2	Amp meter.	75,000	1	75,000	
4.3	Temperature sensor module with Digital Display	6,000	5	30,000	
4.4	Field trials & user deployment	2,000,000	-	2,000,000	
4.5	Laboratory Testing	1,500,000	-	1,500,000	
4.6	Single cell charger/balancer racks	98,000	-	98,000	
4.7	Laptop Computer	700,000	1	700,000	
4.8	Software	215,000	1	215,000	
Sub-Total				4,628,000	
5.0	PERSONNEL				

5.1	Principal, Research Assistants and personnel	400,000	12	4,800,000	
5.2	Report writing, dissemination & workshops	2,500,000	-	2,500,000	
5.3	Contingency (10%)			2,078,900	
Sub-Total				7,300,000	
Total Direct Cost				22,867,900	
Indirect Cost (5% NASENI direct cost)				1,143,395	
Grand Total				24,011,295	