

BUDGET ESTIMATE FOR THE PROJECT OF AUTOMATIC POWER PHASE/SOURCE SELECTOR SYSTEM.

S/N	ACTIVITIES	ESTIMATED BUDGET(N)
1	Mechanical Tools & Equipment	
a	Metal cutting tool:- Hacksaw	10,000.00
b	Angel Grinder	115,000.00
c	Bench Cutter	95,000.00
e	Drilling machine	480,000.00
f	Sheet metal bending machine	4,300,000.00
g	Welding machine	2,100,000.00
h	Rivet gun or screws	950,000.00
i	Files and sandpapers	170,000.00
j	Measuring Instruments:- Vernier Caliper	195,000.00
k	Micrometer screw gauge	155,000.00
l	Steel rule	25,000.00
m	Punching tool	35,000.00
	SUB TOTAL	8,630,000.00
2	Electrical Tools & Materials	
a	Soldering iron & soldering station	450,000.00
b	Wire strippers & crimping tools	65,000.00
c	Screwdrivers and nut drivers set	85,000.00
d	Insulation tape and heat-shrink tubes	50,000.00
e	Copper busbars / connecting links	125,000.00
f	Contactors and Relays for Auto Change-over	685,000.00
g	Switching mechanism parts	155,000.00
h	Fuse holders and circuit breakers	285,000.00
i	Three channel Solid state relay SSR	1,700,000.00
j	Earth Leakage Circuit breaker	800,000.00
k	Ammeter/Voltmeter/Frequency meter	250,000.00
	SUB TOTAL	4,650,000.00
3	Testing & Measuring Instruments	
a	Multimeter (digital)	500,000.00
b	Megger (Insulation Resistance Tester)	1,900,000.00
c	Clamp meter	750,000.00
d	High voltage tester / dielectric tester	1,200,000.00
e	Continuity tester	850,000.00
f	Earth resistance tester	650,000.00
g	Oscilloscope	3,500,000.00
	SUB TOTAL	9,350,000.00
4	Assembly & Production Support Equipment	
a	Workbenches and vice	1,900,000.00
b	Marking tools	45,000.00
c	Protective gear for five persons	1,100,000.00
d	Labeling and engraving machine	1,300,000.00
e	Packaging materials	1,650,000.00
	SUB TOTAL	5,995,000.00
5	Electronics material	
a	Microcontroller / PLC system	1,700,000.00
b	Programming tools /software	1,800,000.00
c	Two Laptops	3,300,000.00
d	PCB fabrication tools	2,500,000.00

e	Low-voltage power supplier	125,000.00
f	Signal relays and sensors	350,000.00
	SUB TOTAL	9,775,000.00
6	Miscellaneous/Contingency	
a	Miscellaneous/Contingency	470,000.00
	SUB TOTAL	470,000.00
7	Marketing expenses	
a	Data for Digital Marketing	500,000.00
	SUB TOTAL	500,000.00
	GRAND TOTAL	39,370,000.00

The above amount of **Thirty Nine Million Three Hundred and Seventy thousand naira only (N39,370,000.00)** is what is required by this team for the procurement of equipment for setting up a station for the production of this project.