

Estimated Research Budget

S/N	Description	Quantity	Unit Cost, ₦	Amount, ₦
A.	Materials for machine development			
1.	Prime movers (geared electric motor)	3	750,000	2,250,000
2.	Food grade stainless steel metal sheet (2 mm thick, full sheet),	6	415,000	2,490,000
3.	Stainless steel rods (Ø30 mm, full length)	2	400,000	800,000
4.	Stainless steel rods (Ø25 mm, full length)	1	300,000	300,000
5.	Stainless steel rods (Ø5 mm, full length)	4	100,000	400,000
6.	Stainless steel flat bar (10 mm thick, full length)	2	190,000	380,000
7.	Stainless steel net (2 mm thick, full length)	2	390,000	780,000
8.	MS angle iron (45x45x5 mm, full length)	15	230,000	3,450,000
9.	MS metal sheet (5 mm, full length)	2	340,000	680,000
10.	Stainless steel electrode (gauge 12, full pack)	5	55,000	275,000
11.	MS Electrode (gauge 10, full pack)	15	16,000	240,000
12.	Pulleys (pieces)	5	50,000	250,000
13.	V-belts (pieces)	5	1,000	5,000
14.	Block bearing (pieces)	18	7,000	126,000
15.	Bolt and nuts (pieces)	300	200	60,000
16.	Flat and spring washers (pieces)	300	100	30,000
17.	Sprockets (pieces)	7	7,000	49,000
18.	Speed reduction box (pieces)	2	350,000	700,000
19.	Conveyor	3	301,000	903,000
20.	Chain (pieces)	4	5,000	20,000
21.	Control panel	1	1,200,000	1,200,000

22.	Painting (Lump)	1	150,000	150,000
23.	Fabrication workmanship and diesel	1	950,000	950,000
	Sub-total			16,488,000
B.	Supplies / Consumables			
24.	Raw Cashew Nut (in 100 kg bags)	5	320,000	1,600,000
25.	Electricity Bill payment	Lump	1,000,000	1,000,000
26.	Cutting disc (in pieces)	24	3,000	72,000
27.	Grinding disc (in pieces)	10	3,000	30,000
	Sub-Total			2,702,000
C.	Others / Miscellaneous			
28.	Drawing and Report writing	Lump	400,000	400,000
29.	Printing and binding	3	250,000	750,000
30.	Paper publication	3	720,000	2,160,000
	Sub-Total			3,310,000
D.	Personnel Cost (conference attendance/ others)			
31.	Principal Researcher's and Institution allowance	1	3,000,000	3,000,000
32.	Conferences and Exhibitions participation	3	2,000,500	6,001,500
33.	Other Team Members allowances	6	1,500,000	9,000,000
34.	Craftsmen allowances	4	200,000	800,000
35.	Data analyst allowance	1	200,000	200,000
	Sub-Total			19,001,500
	TOTAL COST			41,501,500