



## STANDARDS ORGANISATION OF NIGERIA

### LABORATORY SERVICES PRICE LIST

#### **ELECTRICAL/ELECTRONICS LABORATORY**

S/No	Description of Item	Amount (N)	Examples/Types
1	<b>Electric Cables</b> a) Insulation and sheath	10,000.00/size	PVC Polyethylene
	b) Conductor	10,000.00/size	- Copper conductor - Aluminium conductor
	c) Steel Armor	10,000/size	- Galvanize steel
2	Components for Electronic Equipment/Brand/Type	15,000.00 per Brand	- Integrated Circuits - Microprocessors - Diodes - Resistors

			<ul style="list-style-type: none"> <li>- Capacitors</li> <li>- Transistors</li> <li>- Others</li> </ul>
3	<b>Electric Accessories:</b>	20,000.00 per Brand	<ul style="list-style-type: none"> <li>Conduit, Adapters, Multiplexes, Modems</li> <li>Plugs and Switches</li> <li>Circuit Breakers, Isolators, Sockets, Switches,</li> <li>Extension Sockets, Wall Sockets, Fuses</li> <li>Switchgear and control</li> <li>-</li> <li>-</li> </ul>
4	Electric Lamp	10,000.00 per model	<ul style="list-style-type: none"> <li>- Compact fluorescent lamp</li> <li>- Fluorescent Lamp</li> <li>- Filament lamp</li> <li>- Sodium Lamp</li> <li>- Halogen lamp</li> <li>- Light emitting Diode</li> </ul>
5	Rotating Machinery	10,000.00/ model	<ul style="list-style-type: none"> <li>- Electric Motors</li> <li>- Water pump</li> <li>-</li> </ul>

S/No.	Description of Item	Amount (N)	Examples/Types
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6	Transformers	20,000.00/model	- Power Transmission & Distribution - Others
7	Audio Visual	10,000.00/model	Television Video Player
8	<b>Fans</b>	10,000.00/model	a) Ceiling Fans b) Table Fan c) Standing Fan d) Wall Fan
9	<b>Air Conditioners</b>	15,000.00/model	- Split Unit Brand - Window AC - Multi split
10	Heating Appliances	15,000.00/model	- Storage Water Heaters - Solar Water Heaters - Double Boiling Rings - Single Boiling Rings -
11	<b>Generator</b>	20,000.00/model	Diesel and petrol generator

12	<b>Musical Systems</b>	<b>10,000/mode I</b>	Microphones Amplifiers Speakers Mixers Keyboard Brand and others
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<b>S/No.</b>	<b>Description of Item</b>	<b>Amount (N)</b>	<b>Examples/Types</b>
13	<b>Batteries</b>	10,000.00	Dry cell batteries
	Lead acid batteries	15,000.00/model	- Auto batteries - Deep cycle batteries -
14	<b>Cooling Appliances</b>	15,000.00	Chest Freezer Deep Freezer Refrigerators
15	Flash lights/Rechargeable Lantern/ Brand	10,000.00/brand	

16	<b>Electrical/Household Appliances:</b> a) Blenders/Brand/Model Charge 10% of the price after the first model	10,000.00 per Brand	Dry Pressing Iron Washing Machines Juice Extractors Sandwich Maker Electric Cookers Water Dispensers Grills Microwave Voltage Regulator
17.	Earthing Materials Brand/Type	10,000.00	<ul style="list-style-type: none"> <li>- Copper bonded</li> <li>- Solid copper</li> <li>- Others</li> </ul>

## FOOD TECHNOLOGY LABORATORY

### 1. HEAVY METAL ANALYSIS

S/N	HEAVY METAL(Accredited)	COST/METAL(₦)	
		ppm	ppb
1	Lead	5,000	10,000
2	Cadmium	5,000	10,000
3	Iron	5,000	10,000
4	Copper	5,000	10,000
5	Zinc	5,000	10,000
6	Arsenic	-	9,000
7	Mercury	4,000	9,000
8	Tin	4,000	9,000
9	Chromium	4,000	9,000
10	Aluminium	4,000	9,000

### 2. PROXIMATE ANALYSIS

₦30,000 (Thirty thousand Naira) per sample ( Covering Protein, Fat, Ash, Crude Fibre, Moisture and Carbohydrate)

### 3. MICROBIOLOGY ANALYSIS

₦30,000 (Thirty thousand Naira) per sample for any five parameters.

**MICRONUTRIENTS LAB.**

S/N	PRODUCTS	ICHECK FLUORO  Vitamin A	ICHECK CHROMA  Vitamin A	UV/VISIBLE SPECTROPHOTOMETER	ICHECK IRON	ICHECK IODINE	ICHECK ZINC	TITRIMET RIC	TIMELINE
1	FLOUR	₦10,000	NOT APPLICABLE	N/A	₦10,000	N/A	₦10,000	N/A	1 week
2	SEMOLINA	₦10,000	NOT APPLICABLE	N/A	₦10,000	N/A	₦10,000	N/A	1week

3	VEGETABLE OIL	NOT APPLICABLE	₦10,000	₦10,000 (Vitamin A)	N/A	N/A	N/A	N/A	1 Week
4	SUGAR	₦10,000	NOT APPLICABLE	₦10,000 (Vitamin A)	N/A	N/A	N/A	N/A	1 Week
5	Premix	₦10,000	₦50,000	N/A	N/A	N/A	N/A	N/A	1 Week
6	SALT	N/A	N/A	N/A	N/A	₦10,000	N/A	₦10,000	1 Week

## **LEATHER LABORATORY**

<b>S/N</b>	<b>PARAMETERS</b>	<b>COST PER PARAMETER IN NAIRA PER SAMPLE</b>
1	Thickness	1,000.00
2	Rubbing fastness	3,000.00
3	Flexing endurance	3,500.00
4	Tensile strength	3,500.00
5	Tear strength	2,500.00
6	Lastometer (Distension)	1,500.00
7	Shrinkage	2,000.00
8	Resistance to impact	1,000.00
10	Sole abrasion	2,500.00
11	Sole adhesion	1,000.00
12	Water absorption of leather	2,000.00
13	Density	500.00

14	Marking	500.00
15	Heat resistance	1,000.00
16	Organoleptic	500.00
17	Water absorption/desorption of shoe	2,000.00
18	Light fastness	3,500.00
19	p <sup>H</sup>	3,500.00
20	Chromium oxide	4,000.00
21	Water soluble	4,000.00
22	% ash	1,500.00
23	Substance soluble in dichloromethane	7,000.00
24	Elongation at break	500.00
25	Water vapour permeability	3,500.00

## **TEXTILE LABORATORY**

<b>S/N</b>	<b>PARAMETERS</b>	<b>COST PER PARAMETER IN NAIRA PER SAMPLE</b>
1	Marking	1,000.00
2	Inspection	1,500.00
3	Sett	2,000.00
4	Fibre composition	3,500.00
5	Tearing strength	2,000.00
6	Mass/meter square (g/m <sup>2</sup> )	1,000.00
7	Shrinkage	2,000.00
8	Yarn count	1,000.00
9	Weave	1,000.00
10	Rubbing colour fastness	1,500.00
11	Washing fastness	3,000.00
12	Perspiration	3,500.00
13	Dry cleaning	3,500.00
14	Hot pressing	2,000.00
15	Light fastness	3,500.00

16	Hem	500.00
17	Dimension	500.00
18	Breaking load	2,000.00
19	Elongation at break	500.00
20	Tuft withdrawal force	3,000.00
21	Pile density	1,000.00
22	Abrasion resistance	3,500.00
23	Pile height	500.00
24	Colour fastness to shampooing	3,000.00
25	Diameter of pipe (mm)	500.00
26	Dimension	1,000.00
27	Yarn construction	1,000.00

<b>S/N</b>	<b>PARAMETERS</b>	<b>COST PER PARAMETER IN NAIRA PER SAMPLE</b>
28	Fluidity	3,000.00
29	Water absorbency	2,000.00

30	P <sup>H</sup> of aqueous extract	3,000.00
31	Scouring loss	3,000.00
32	Knot/100m	1,000.00
33	Direction of twist	1,000.00
34	Colour	1,000.00
35	Odour	1,000.00
36	Florescent brighten agent	1,000.00
37	Foreign matter	1,000.00
38	Ash content	7,000.00
39	Sinking time	1,000.00
40	Water soluble substances	4,000.00
41	Presence of colouring matter	1,000.00
42	Fatty matter	3,500.00
43	Surface active agent	2,000.00
44	Acidity of water extract	2,000.00
45	Alkalinity	2,000.00

46	Moisture content	2,000.00
47	Mass of yarn of package	1,000.00
48	Knot/kg	1,000.00
49	Twist per meter	1,500.00
50	Coefficient of variation	2,000.00
51	Tenacity	2,000.00
52	Multi filament	1,000.00
53	Mesh size	1,000.00
54	Crease recovery	1,000.00
55	Filler type and composition	1,000.00
56	Nep content	1,000.00
57	Stitches	1,000.00