

**[CSIR-NPL]  
PROCUREMENT PLAN\***

(\*Please read the note given at the end)

**A FOR THE FINANCIAL YEAR 2024-25**

**A (a) EQUIPMENT**

**(i) Equipment: Out of CSIR Infra Grant**

Sr. No.	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	Small sine bar – 300 mm long	1	0.30
2	Retroreflector 150mm	1	3.00
3	Dehumidifier, Capacity: 30L /Day	1	0.70
4	Hydraulic Trolley	1	1.50
5	Micrometer	1	1.40
6	Precision DC Power Supply.	1	5.00
7	Digital portable Density meter.	1	6.00
8	Soldering rework station with specification	1	3.00
9	Dehumidifier	1	1.20
10	Programmable DC power supply	1	2.00
11	10 kA AC high Current Source with accessories	1	15.00
12	Soldering station	1	1.00
13	Light source with different wavelengths	1	3.50
14	Mass flow controller	1	2.50
15	Fibre coupled Laser sources with 523 and 1064 nm wavelengths along with accessories	1	3.50
16	Pfeiffer DCU 400 Display controller including power supply	1	2.50
17	Polarizing microscope	1	1.10
18	CMOS Color Camera with Software	1	1.10
19	Portable weather monitor for field and balloon observation	1	2.80
20	Pump with mass flow controller	1	0.70
21	PID programmable temperature controller and 2" dia sputter source	1	2.50
22	PM1 Sampler	2	2.00
23	Centrifuge Machine	1	1.50
24	Single beam Visible Spectrophotometer	1	1.50
25	Ultrasonic sonicator	1	1.00
26	Digital pH meter	1	0.50
27	3KVA online UPS with batteries	1	0.75
28	Ultrasonic Cleaner with timer & power controller	1	0.30
29	Desicator Cabinet	1	2.25
30	PM10 Sampler	2	2.00
31	Stainless Steel Syringe	1	1.50
32	Anemometer	1	1.00

33	Cabinet Desiccator	1	1.00
34	One Set of Pyranometer, UV Radio meter and Prygeometer with data logger	1	15.00
35	Climate chamber for controlled temperature and humidity	1	1.50
36	Repair of Optical table legs	1	2.00
37	DC motors of chillers of	2	0.50
38	O2 and H2O analyser of Glove box	1	1.50
39	High temperature Oven	1	3.00
40	Palletiser and hydraulic press	1	1.40
41	Ultrasonic Bath	1	1.00
42	High Resolution Multimeter	1	1.50
43	OVERHEAD MECHANICAL STIRRER	1	0.40
44	3D Scanner for 3D Printer	1	0.35
45	Micro Dispenser controller DSD 55	2	0.50
46	3D Filament dry Storage cabinet - 160 Ltr.	1	0.33
47	High volt DC power Supply for Electrostatic Seperator	1	1.50
48	Precision high voltage DC Power supply	1	3.85
49	standalone power backup	1	0.30
50	UPS 5KVA with isolation transformer	1	1.50
51	Attenuator in 2.4 mm (3 dB, 10 dB)	1 each	1.00
52	Attenuator in N-type (3 dB, 10 dB, 30 dB)	1 each	1.50
53	Function Generator (Low Frequency)	1	4.00
54	RF Millivoltmeter with required TVCs at nominal voltages	1	8.40
55	Shielding Door	1	0.95
56	Antenna Positioner	1	5.50
57	DC Current source meter	1	5.00
58	Brush Cutter	3	2.00
59	Walk behind Lawn Mower Petrol Engine	2	1.20
60	Leaf Shredder	2	1.40
61	Pole Pruner	2	1.30
62	Leaf Blower	2	1.50
63	Water Pump	1	0.30
64	Lawn mower diesel operated 20" with 5HP engine	2	1.50
65	Fogging machine	1	0.45
66	Heavy duty garbage collect tricycle rikshaw (with metal body)	3	0.60
67	Heavy duty floor cleaning machine (cingo) with extra brush wheel pad	2	1.50
68	Heavy duty industrial vaccum cleaner	2	1.00
69	Window & split AC 5 star	100	50.00
70	Meger 5000 Volt	1	1.00
71	Sumersible pump 5HP	2	0.80
72	Ceiling fan BLDC 5 star	50	1.50
73	Data centre renovation	1	25.00
74	2 Ton Tower Air Conditioner	1	1.00
75	Servers	5	30.00
76	Books (English & Hindi)	As req.	2.50



**(iii) Equipment: Out of Externally Funded Projects (EFP)**

Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)

**A (b) CONSUMABLES**

Sr. No.	Category	Expected Procurement Value (Rs. In Lakhs)			
		Out of CSIR Infra Grant	Out of CSIR Funded Projects	Out of Externally Funded Project (EFP)	Total (Rs. In Lakhs)
1	R&D Consumables for closed loop systems (by equipment name eg. Kits for Illumina sequencer)	33.80	6.07		
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	0.43	1.21		
3	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	8.80	0.50		
4	Glass wares (ex- name the different glass wares)	3.00			
5	Plastic wares (ex- Name the different plastic wares)				

6	Toner Cartridges.				
7	Batteries, etc.				
8	Gases (ex- tentative names)	0.60	0.83		
9	Maintenance/AMC/repairing of existing equipment	18.85	1.40		
10	Stationery items (ex- name a few)		0.01		
11	IT / software-related Items (Name the items required during year)	0.52			
12	Furniture (Name the items required during year)	9.62			
13	Electric Items (Name the items required during year)	0.12			

<b>B</b>	<b>FOR NEXT 2-4 FINANCIAL YEARS (2025-29) (From 01/04/2025 to 31/03/2029)</b>
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<b>B (a)</b>	<b>EQUIPMENT</b>
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Sr. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)

<b>B (b)</b>	<b>CONSUMABLES</b>
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Sr. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	R&D Consumables for closed loop systems (by equipment name)	
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	
3	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	
4	Glass wares (ex- name the different glass wares)	
5	Plastic wares (ex- Name the different plastic wares)	
6	Toner Cartridges.	
7	Batteries, etc.	
8	Gases (ex- tentative names)	
9	Maintenance/AMC/repairing of existing equipment	
10	Stationery items (ex- name a few)	
11	IT / software-related Items (Name the items required during year)	
12	Furniture (Name the items required during year)	
13	Electric Items (Name the items required during year)	

**Note:**

- The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of the Competent Authority.
- The procurement of the chemicals & consumables would be based on the need and ongoing requirement of R&D activities of Lab/Instt.
- The procurement is subject to the fund's availability/release of sufficient grant from CSIR / funding agency.
- The indicated procurement value is an estimate only.