

**[Name of the Laboratory/Instt/Unit]**

**Procurement Plan**

**[Financial Year 2025-26]**

**[A] Equipment:**

**Table 1:** Equipment for procurement during the FY 2025-26 and subsequent 3 – 5 years (under Non-project mode; out of CSIR Grant / Lab Grant):

<b>Financial Year 2025-2026</b>			
<b>S. No.</b>	<b>Name of Equipment / Item</b>	<b>Quantity (Nos.)</b>	<b>Approximate Cost (Rs. in Lakhs)</b>
1	Ultra low temperature freezer	1	6-7
2	Light microscope	1	6
3	Incubator (multithermo chamber)	1	16
4	UV-Vis Spectrophotometer	2	15
5	Tubular bowl continuous centrifuge (15000 rpm with 10L bowl)	1	9
6	LCA software	1	15
7	Flame photometer	1	1.5
8	Freezer -20°C	2	1.5 l
9	Liquid nitrogen container	2	5
10	Thermomixer	1	1.5
11	UPS	3	1
12	Hot plate with stirrers	3	1.5
13	Multiparameter meter (handheld water quality meter)	1	4
14	Grinder	1	0.1
15	Wiley mill	1	1.0
16	NAS drive	1	0.6
17	Oven	1	4.5
18	Laptop	1	1.5

19	Flame photometer (for Na, K, Ba, and Li measurement)		10.00
20	Chlorinator: Capacity of chlorine production: 50-150 gm/hour or more		9.0
21	Fume Hoods (Nos. 2)		20.0
22	DGPS (Differential Global Positioning Systems Survey) Instrument (E BASE & E fix)		18.0
23	Polarizing microscope (Nikon)		20.0
24	Revit License 3D design software		15.0
25	Arc GIS (AMC)		27.0
26	ANSYS CFD License Software Single User		26.0
27	Ground penetration Radar		25.0
28	Porta Cabin – 20x15 Feet		8.0
29	Porta Cabin		8.5
30	Solar thermal hot water/steam generating system (Scheffler dish) temperature: 100-150 °C, dual tracking arrangement		5.00
31	Inverted metallurgical microscope (Almicro, India)		3.0
32	Bench-type Drilling machine Size: 12mm hole		0.5
33	E-Survey (AMC)		1.5
34	Vacuum Pump		1.0
35	Weighing balance 250 kg capacity		0.15
36	Weighing balance 20 kg capacity		0.08
37	Hydraulic hand pallet truck 3 ton capacity		0.5
38	Hot plate with stirrer		2.0
39	Workstation		3.0
40	Core Cutter		3.0
41	Solid Works Premium designing software		5.0
42	Freeze		0.5
43	E-Survey (AMC)		1.5
44	Digital Flow meter		0.5
45	Digital Depth Measurement sensor		2.0
46	Digital Density Measurement sensor		2.0
47	Starter for 40 HP pump		1.5

48	Auto set level		0.25
49	Projector with Screen		1.2
50	Vacuum Pump – 5 HP		0.6
51	Depth Based Pump on off sensor system		1.0
52	Self-Priming Centrifugal pump – 7.5 HP		0.8
53	Cooling Tower 100 TR		3.5
54	Advanced Photo reactor	01	8
55	Rotavapor complete system	02	18
56	Film making machine	01	8
57	Microplate Reader	01	10
58	Kugelrohr distillation	01	12
59	Autoclave	01	10
60	Centrifuge machine	01	10
61	Analytical balance	01	2.5
62	Chiller circulator	02	<b>6.0</b>
63	Sonicator	01	0.5
64	Microwave oven	01	0.2
65	pH meter	01	0.3
66	Vacuum pump	01	3.0
67	Electric Desiccator	02	5.0
68	Magnetic stirrer	02	4.0
69	Vacuum controller	02	4
70	Overhead magnetic stirrer	01	1.5
71	Melting point apparatus	01	0.2
72	Spray gun for coating	02	1.5
73	Consumable Spare required for (J-198) Parallel Reactor Setup ( At present not working; to be repaired)	1	10
74	Flash Chromatography	1	15
75	UV-vis for reaction monitoring	1	25
76	High Temperature Reaction Chamber and Diffuse Reflection Accessory for FTIR instrument (for in-situ FTIR measurements on solid samples).	1	30

77	Centrifuge machine (15/50 mL), Chiller, and Magnetic stirrer.	1	5
78	Magnetic stirrers/stirrers etc.	1	5
79	Chiller	1	5
80	Refrigerated centrifuge	1	10.00
81	Plant Efficiency Analyzer	1	5.0
82	Sonicator	1	5.0
83	Portable Photosynthesis Systems	1	15.0
84	Refrigerated centrifugal vacuum concentrator	1	10.00
85	B&W Printer	2	0.50
86	Minor equipments		1.5
87	DSC, TGA	1	160
88	Oil free scroll compressor with refrigerator type dryer	1	15
89	Portable Liquid Nitrogen Container 100 L	1	7
90	Hot Stage Microscope	1	20
91	Centrifuge	1	25
92	Diffusion Cell Apparatus	1	7
93	Dissolution Apparatus	1	5
94	Muffle Furnace	1	5
95	BOD incubator	1	1.5
96	DO meter	1	0.4
97	pH meter 0.4	1	0.4
98	Hot air oven	1	1
99	Desktop PC	3	3
100	Mono laser Printer Duplex	1	0.75
101	3TR Inverter Cassette Air Conditioner	1	3
102	2 TR Air Conditioner	2	2
103	Vaccum Oven	01	3
104	Desktop PC	1	1
105	Colour MFP	1	1

106	Magnetic Hotplate Stirrer	1	1
107	Autoclave	1	1
108	Power Supply	1	1
109	Tools – miscellaneous	1	1
110	Tube furnace	1	2
111	Peristaltic pump	1	0.4
112	Mechanical shaker	1	0.6

Next 3-5 Years				
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)	Project Number/Code

**Table 2:** Equipment for procurement during the FY 2025-26 and Next 3-5 years under CSIR-Funded Projects (CSIR Project Mode):

Financial Year 2025-2026				
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)	Project Number/Code
1	Reflectometer	1	30	
2	Incubator Shaker	1	8	
3	Hot plate with magnetic stirrer	2	0.6	
4	pH meter	1	0.2	
5	Multiparameter meter	1	1	
6	Stabilizer	2	0.5	
7	UPS	2	0.5	
8	Minor equipment	2-3	1.5	
9	Multigas Analyzer with H2/O2 Sensors	01	6.0	
10	Autotitrator	01	6.0	
11	Electrochemical Workstation	01	10.0	
12	Plate Shaker	1	1.00	

13	Waveform Generator	1	1.50	
14	Stirrers	2	1.00	
15	UV handheld lamp	1	0.30	
16	CPU & UPS	1	1.00	
17	Chiller	1	1.00	
18	Table top centrifuge	1	0.50	
19	Vacuum furnace	1	1.00	
20	Pumps	4	2.0	
21	Analytical Balance	1	2.00	
22	Computer and accessories	1	2.00	
23	Fridge	1	1.50	
24	pH meter	1	0.50	

**Note:**

- The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of competent authority.
- The procurement is subject to the funds availability/release of sufficient grant from CSIR / or funding agency.
- The costs indicated as above are approximate/estimate cost only.

Updated on-----

**[Name of the Laboratory/Instt/Unit]**

**Procurement Plan**

**[Financial Year 2025-26]**

**[B] Consumables:**

The following categories of consumables are likely to be procured during the FY 2025-26.

**Table 3:** Consumables likely to be procured during **Financial Year 2025-26** (Annual):

S. No.	Category	Expected Procurement Value (Rs. In Lakhs)
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1	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	
2	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.)	
3	Glass wares (ex- name the different glass wares)	
4	Plastic wares (ex- Name the different plastic wares)	
5	Cartridges, Batteries, etc.	
6	Gases (ex- tentative names)	
8	Maintenance/AMC/repairing of existing equipment	
9	Stationary items (ex- name a few)	
10	IT / software-related Items (Name the items required during year)	
11	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 competent authority.
- The procurement of the chemicals & consumables would be based on the need and time to time requirement of the R&D activities of CSIR-.....
- The procurement is subject to the funds availability/release of sufficient grant from CSIR / or funding agency.
- The indicated procurement value is an estimate only.

This is issued with the approval of the competent authority.



