

[CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY]

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**):

Financial Year 2025-2026			
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)
1	Transmission Electron Microscope	1	800.00
2	Metabolic flux analyser	1	175.00
3	Upgradation of Zeiss LSM980 confocal microscope with airyscan module	1	120.00
4	Ultra Microtome	1	60.00
5	Luminex Multiplex	1	80.00
6	Droplet Digital PCR	1	72.00
7	Central synthetic chemical lab (Fume Hood, Chemical Storage Cabinets and Ducts Work Space, Vacuum distillation system Low temp. circulation chiller with controller)	1	50.00
8	Polarimeter	1	20.00
9	Laboratory Animal Bottle Filling station	1	8.00
10	Class II A2 Biological Safety Cabinet	1	4.897

11	Small equipment (Potentiostat, Nanodrop, Water purifier, Stainless Steel Necropsy Table, Chemidoc Computer workstation, Laptop etc.)		35.00
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Next 3-5 Years			
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)
1	Orbitrap - Liquid Chromatography Mass Spectrometry (LC-MS)	1	1000.00
2	Super Resolution microscope, STORM	1	500.00
3	FACS with sorter	1	300.00
4	FPLC	1	50.00
5	uPULSE - TFF	1	35.00
6	Multimode microplate Reader	1	30.00
7	Multiplex Western Blotting system	1	25.00
8	Milli Q Water	1	25.00
9	Fluorescent Microscope	1	25.00
10	Microtome	1	15.00
11	Shaker Incubator	1	12.00
12	Refrigerated Centrifuge	1	8.00

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.	Temperature-controlled shaker incubator	1	5.00	NWP

2.	Rocker	1	0.50	NWP
3.	Sterile laminar flow	1	2.00	NWP
4.	-20 degree refrigerator	1	1.00	NWP
5.	4 degree refrigerator	1	0.50	NWP

6.	Weighing machine	1	3.00	NWP
7.	pH meter	1	1.00	NWP
8.	Magnetic Stirrer	1	0.50	NWP
9.	Autoclave	1	0.50	NWP
10.	Gel electrophoresis apparatus and power pack	1	2.00	NWP
11.	PCR machine	1	3.00	NWP
12.	Microwave	1	0.20	NWP
13.	Vacuum pump	1	0.50	NWP
14.	Large-volume floor model Centrifuge	1	25.00	
15.	Xerox machine	1	1.00	HCP0101

Next 3-5 Years				
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)	Project Number/Code
	None	N/A	N/A	N/A

Table 3: Equipment for procurement during the FY 2025-26 and Next 3-5 years under Externally Funded Projects (EFP):

Externally Funded Projects (EPF)				
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)	Project Number
1	Live-cell imager and analyser	1	236.94	GAP 490

2	Ultra performance liquid chromatography-photo diode array single quadrapole mass spectrometer	1	125.10	GAP 490
3	High throughput recycling preparative HPLC	1	49.99	GAP 490
4	Ultracentrifuge	1	40.00	GAP477

5	Multimode microplate reader including florescence, luminescence attachments	1	28.91	GAP 490
6	Fluorescent, chemiluminescent, and colorimetric based imaging system	1	25.00	
7	Gel documentation and Imaging system	1	20.00	GAP 487
8	Sonicator and Probes	1	5.00	
9	Benchtop refrigerated centrifuge	1	3.00	GAP464
10	Liquid Nitrogen Tank	1	3.00	GAP 487
11	Magnetic cell sorting equipment	1	2.00	GAP 487

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.

[CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY]

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)
1	Chemicals (ex.- Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, Antibodies, catalysts-Pd, ligands, Directing groups, additives, amines, alcohols, acids, halides, nitriles, aldehydes, ketones, esters, amino acids, peptides, aromatic compounds, common salts, oxidizing agents, reducing agents, common dry solvents etc)	1464.00
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.)	230.00
3	Glass wares (ex- glass bottles, conical flasks, glass plates, thin plates, test tubes, funnel, beakers, glass bottles, culture tubes, petri plates etc Measuring Cylinders, Beakers, Conical Flask, Glass Bottles etc.)	100.00
4	Plastic wares (ex- Plate, Dish, peptide, Micro tips, Reagent reservoir, Gloves, Beaker, Tubes, PCR Tubes, Falcons, Pipette Tips, Holders, Plastic trays, T25 and T75 culture flasks, 35 mm, 60 mm culture dishes, Chamber slides, 5ml, 10ml, 25 ml pipets, Pipet tips 10 µl, 200µl, 1000 µl without or with filters,	80.00

	companion plates, Inserts with 1 µm pores, Combs for scratch, Filters, syringes, Vacuum tubes, 15 ml and 50 ml sterile conical tubes etc.)	
5	Cartridges, Batteries (Cartridges of different types of printers eg 12a, 78A, 88A etc)	8.50
6	Gases (ex- Nitrogen, Helium, Oxygen etc)	70.00
8	Maintenance/AMC/repairing of existing equipment	250.00
9	Stationary items (Printer Papers, Adhesive tapes, Scissors, Pen, Markers, Parafilm, staplers etc)	27.50
10	IT / software-related Items (Shrodinger software suite, FlowJo Academic Portal, Biorender, SPSS, Adobe Photoshop, Graphpad Prism, Anti-Virus S/w liscence, OS liscence, Media Converters, Media Switches, HDMI Splitters, Wi-Fi Adapters, Network Switches, Removable USB Storage, UTP Cat6 Cable, RJ 45 Connectors etc.)	330.00
11	Furniture (Name the items required during year)	
13	Electric Items (Tube lights, UV lights)	10.00

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-IICB
- 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.