

[CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY]

**Procurement Plan
[Financial Year 2026-27]**

[A] Equipment:

Table 1: Equipment for procurement during the FY 2026-27 and subsequent 3 – 5 years (under **Non-project mode**; out of **CSIR Grant / Lab Grant**):

Financial Year 2026-2027			
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)
1	Surface Plasmon Resonance	1	270.000
2	Liquid Nitrogen generation plant	1	150.000
3	Controlled Aerosol Generation delivery system	1	60.000
4	Next Generation Firewall set with High Availability mode	1	60.000
5	Bioinformatics and computational server facility	1	60.000
6	Servers for Hosting Websites/ Web Applications	2	30.000
7	Real Time qPCR Systems	2	20.000
8	Multi User Support Microphone Setup including Accessories for VC and Hybrid Meetings	6	18.000
9	Magnetic Stirrers (Including Hot Plates)	15	13.500
10	Crystallization incubator (vibration-free)	1	10.000
11	Temperature control MOF Crystallization Chamber	2	10.000
12	RI detector for existing HPLC	1	10.000
13	Photocopier Machines	3	9.000
14	Refrigerated shaker incubator	1	8.500
15	Refrigerated Centrifuge with Roter15/50ml	1	8.000
16	Cold water circulator (chiller)	1	7.500

17	Spot extractor	3	6.000
18	Photocatalytic Reactor Setup with Accessories	1	5.000
19	Western Blot Dry transfer unit	1	3.500
20	Weighing Balances	2	3.000
21	Multifunction Printers / Scanners	7	4.750
22	Probe Sonicator	1	2.000
23	Aspirator	1	1.500
24	Sieve Shaker	1	1.500
25	SS column for chromatography	4	1.500
26	SS Percolator	4	1.500
27	BOD Incubator	1	1.200
28	Refrigerator (4 to Minus 4 degree C)	2	1.200
29	Power Pac	1	1.200
30	Voltage stabilizer (1 to 20KVA)	3	1.000
31	Printers (Standalone)	2	0.600
32	Mechanical grinder	1	0.500
33	UPS	1	0.500
34	Hot air oven	1	0.500
35	Water Bath	1	0.500
36	Rocker	1	0.300
37	Microoven	1	0.200
	Furniture (Laboratory Table, Bench, Chairs, Stool, Cabinets, Racks & Shelving, Trolleys, Almira, Sink etc.)		200.00

Next 3-5 Years			
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)
1	High-resolution accurate-mass liquid chromatography tandem mass spectrometer (Orbitrap)	1	780.000
2	Nanopore-Based Single-Molecule Real-Time DNA/RNA Sequencer	1	744.000
3	Field Emissive-Scanning Electron microscopy	1	600.000
4	Transmission electron microscope	1	555.000
5	Next Generation Sequencing Platforms	1	400.000
6	Metabolic flux analyzer	1	200.000

7	Gas and Vapor adsorption analyzer	1	130.000
8	Nanotracking Analyzer	1	90.000
9	Small Particle Analyzer with Fluorescence	1	90.000
10	Multiplex Immunoassay System	1	82.000
11	Ultracentrifuge with three rotors	1	82.000
12	Computer workstations (> 2 no)	3	60.000
13	Fragment Analyzers (DNA/RNA)	2	60.000
14	Benchtop Pyrosequencer with Automated Template Preparation	1	60.000
15	Glove Box	1	55.000
16	Gradient station with integrated gradient master and gradient fractionator	1	53.000
17	Chemidoc Systems (>3 nos)	3	50.000
18	Cell Disruptors (>2 nos)	2	50.000
19	CO2 Incubators with Shaking	2	50.000
20	Fast Protein Liquid Chromatography (FPLC)	1	50.000
21	Minus 80°C Ultra Deep Freezers (>4 nos)	4	40.000
22	Flash Chromatography Systems (> 2 nos)	2	35.000
23	Cryotome	1	30.000
24	Rotary Evaporators with chiller (>5 nos)	3	30.000
25	Desktop computers, Laptop computers (> 20 nos)	21	30.000
26	Rotational Thromboelastometry (ROTEM)	1	25.000
27	Electroporator	1	25.000
28	Mechano-chemical reactor	1	25.000
29	Inverted Fluorescent Microscope	1	25.000
30	Refrigerated Speed Vacuum concentrator	1	22.000
	TOTAL		4528.00

Table 2: Equipment for procurement during the FY 2026-27 and Next 3-5 years under CSIR-Funded Projects (CSIR Project Mode):

Financial Year 2026-2027				
S. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. in Lakhs)	Project Number/Code
1.				
2.				
3.				

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 2026-27 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/ Code

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 2026-27]

[B] Consumables: The following categories of consumables are likely to be procured during the FY 2026- 27.

Table 3: Consumables likely to be procured during **Financial Year 2026-27** (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)	1500.00
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, Jmjd3flox mice, B6(Cg)-Pigrtm1.1Srmr/J mice etc.)	500.00
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 e.g. 12a, 78A, 88A etc.)	10.00
6	Gases (ex- Nitrogen, Helium, Oxygen etc.)	70.00
8	Maintenance/AMC/repairing of existing equipment (JEOL JMS-700 MASS SPECT, GCMS(QP2020), Bruker XRD D8 Venture, Water Chiller with Bruker XRD D8 Venture, Jeol 400 MHZ NMR, LEICA TCS SPD Confocal, LTQ Orbitrap XL Mass Spectrometer, LC MS-ESI HRMS, Xfe 24 Sea Horse Instrument, Zeiss Microscope,LSM 800, Zeiss Microscope,LSM 980, Miseq, IVIS, AFM, HPLC Agilent, GC Agilent, Affinity Isothermal Titration Calorimeter, BLI Octet RED 96e, Zetasizer Nano ZS, Liquid Helium, Liquid Nitrogen, Nitrogen Gas, BD LSRFortessa, BD FORTESSA, BD ARIA, Analytical HPLC systems, Affinity Iso-Thermal Titration Calorimetry, D8 Venture SC XRD System, Raman Spectrometer, Desktops, Laptops, Printers, Network System, UPS System)	250.00
9	Stationary items (Printer Papers, AAA and AA Batteries, Files, Movement Boards, Pens, A4 papers, Sticky Notes, Tapes, Pen Drives, Note Books, Duster Cloths, Green Sheets, Name Boards, Stickers, Stamps, Glue Sticks, Cable Tags, Label Stickers, Registers books etc.)	35.00
10	IT / software-related Items (Office Suite Software, Antivirus Software, Cat6 Cables, RJ45 Connectors, Fiber LIU, HDMI Cables, USB Extension Cables, Power Cables, Media Adapters / Converters, USB to RJ45 Converters, Trolley for Items movement, Wireless Key Board and Mouse Set, Wired Key Board and Mouse Set, 8 Port / 16 Port LAN Extension Switch, Printer Cartridges, Wi-Fi Router, Wall Clamps, Pen drives, External Storage, Hard Disk Drives, Fiber Patch Cords, DVD Writers, DVD`s, SSD Hard Disks, RAM for Desktops , RAM for Laptops, SATA Hard Disk Case, HDD Hard Disk Case, Tools Kit, Audio Cables, Audio Jacks, Media Converters, Laser Pointers, Slide Changers, Multi-Mode Fiber SFP Module, Single-Mode Fiber Module, Fiber SFP / SFP+ Compatible Modules, Adapters, USB Hub, Multiport Adapters, USB to LAN converters, Web camera, Cat 6 I/O Set , Crimping Tools , Cloning Tools , Tool Kit Set, Storage Bag, Camera Stand, Access Point Stand, , Fire TV Stick, TV Remote Stand, Compatible Remote, Services or Subscriptions Renewal, etc.)	250.00

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-IIICB
- 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.