Updated on 12.06.2026

[CSIR-INDIAN INSTITUE 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	Nanotracking analyzer with zetapotential	1	119.000
4	Controlled Aerosol Generation delivery system	1	60.000
5	Next Generation Firewall set with High Availability mode	1	60.000
6	Bioinformatics and computational server facility	1	60.000
7	Inverted fluorescent microscope	1	50.000
8	FPLC (Fast protein liquid chromatography)	1	50.000
9	Small animal X ray irradiation	1	40.000
10	Servers for Hosting Websites/ Web Applications	2	30.000
11	Electroporator	1	25.000
12	Cryostat	1	25.000
13	Automated nucleic acid analyser	1	24.900
14	Automatic tissue processor	1	23.500
15	Real Time qPCR Systems	2	20.000
16	Multi User Support Microphone Setup including Accessories for VC and Hybrid Meetings	6	18.000
17	High end desktop computers	23	16.935
18	Computer workstation	1	15.000
19	Tissue embedding center	1	14.200

20	Magnetic Stirrers (Including Hot Plates)	15	13.500
21	Crystallization incubator (vibration-free)	1	10.000
22	Temperature control MOF Crystallization Chamber	2	10.000
23	RI detector for existing HPLC	1	10.000
24	Photocopier Machines	3	9.000
25	Refrigerated shaker incubator	1	8.500
26	Refrigerated Centrifuge with Roter15/50ml	1	8.000
27	Cold water circulator (chiller)	1	7.500
28	Hood type commercial dishwashers	1	6.018
29	Spot extractor	3	6.000
30	Monochrome camera with update for cellsens dimension	1	5.782
31	Photocatalytic Reactor Setup with Accessories	1	5.000
32	Multifunction Printers / Scanners	7	4.750
33	DNA/RNA/protein quantification fluorometer	1	3.800
34	Western Blot Dry transfer unit	1	3.500
35	Metabolic caging system for rats	1	3.350
36	Weighing Balances	2	3.000
37	Probe Sonicator	1	2.000
38	Temperature controlled MOF crystallization chamber	1	2.000
39	Refrigerator (4 to Minus 4 degree C)	2	1.300
40	Laboratory refrigerator	1	0.650
41	Aspirator	1	1.500
42	Sieve Shaker	1	1.500
43	SS column for chromatography	4	1.500
44	SS Percolator	4	1.500
45	Analytical weighing balance	1	1.500
46	BOD Incubator	1	1.200
47	Power Pac	1	1.200
48	BOD incubator	1	1.200
49	Voltage stabilizer (1 to 20KVA)	3	1.000
50	Laptop	1	0.904
51	Digital pH meter	1	0.780
52	Printers (Standalone)	2	0.600
53	Mechanical grinder	1	0.500
54	UPS	1	0.500
55	Hot air oven	1	0.500
56	Water Bath	1	0.500
57	Rocker	1	0.300
58	Microoven	1	0.200
	Furniture (Laboratory Table, Bench, Chairs, Stool, Cabinets, Racks &		**200.00**

	Shelving, Trolleys, Almirah, Sink etc.)		

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)	2	45.000
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	Minus 80°C Ultra Deep Freezers (>4 nos)	4	40.000
21	Flash Chromatography Systems (> 2 nos)	2	35.000
22	Rotary Evaporators with chiller (>5 nos)	3	30.000
23	Desktop computers, Laptop computers (> 20 nos)	21	30.000

24	Rotational Thromboelastometry (ROTEM)	1	25.000
25	Mechano-chemical reactor	1	25.000
26	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.	Minor equipment (-20C and 4C freezers, small incubator, pH meter, PCR, benchtop cooling centrifuge, weighing balance, micropipette, multipipette etc)		20.000	MMP075201
2.	Zetasizer	1	48.000	FTT080601
3.	UV ozone cleaner	1	2.000	FTT080601
4.	Mid-end computation servers	2	4.431	MMP015203

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**

1	Peristaltic pump		3.894	GAP505
2	Electrophoresis unit and Powerpack		2.328	GAP505
3	Benchtop Incubator shaker		0.859	GAP505

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.

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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 Agilant, 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 Spectometer, 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-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.