

CSIR-Central Institute of Medicinal & Aromatic Plants, Lucknow
PROCUREMENT PLAN*

(*Please read the note given at the end)

FOR THE FINANCIAL YEARS: 2026-27

A	FOR THE FINANCIAL YEAR 2026-27
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A (a)	EQUIPMENT
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(i)	Equipment: Out of CSIR Infra Grant
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Sr. No.	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	Refrigerators (different capacity and different specifications; single/double door, frost free, etc.)	17	16
2	Deep Freezers (-80 degrees)	1	11
3	Microwave Oven (different capacities)	4	0.74
4	Weighing Balances/Analytical Balances (different specifications and capacities; Micro/digital balance	5	9.3
5	Water Bath (different capacities and specifications)	3	1.25
6	pH meter (different Specifications)	3	1.8
7	PCR Machines (different specifications)	2	14
8	Magnetic stirrer (with/without hotplate; different specifications)	5	3.8
9	Freezers (-20 degree) (different specifications)	2	2.2
10	Centrifuges (benchtop/Mini Spin Type or different capacities and specifications)	4	9.15
11	Chiller system	1	2.9
12	Grinder	1	0.25
13	Projector (6000 Lumens or above)	1	3.5
14	Cordless Handheld Microphone (Qty: 3+1 for HRD Hall)	1	1.6
15	Rodent Non-invasive Blood Pressure (NIBP) measurement setup	1	16.5
16	Ice flaking machine	1	5
17	Animal Racks (for Mice and Rats cages)	1	5
18	Rodent Plethysmometer	1	3.5
19	Customized germinator cum plant growth chamber	1	10

20	Programmable muffle furnace	1	6
21	Rotary evaporator and vacuum pump	1	5
22	Fluid bed processor	1	10
23	Inverted Microscope with data acquisition system	1	5
24	Heating and shaking Dry bath	1	2.5
25	UV-Transilluminator	1	2.5
26	Vortex Mixer	1	0.2
27	Tube rotator (for >=24 2ml />=12 50ml/>=18 15ml tubes)	1	0.6
28	Rotary Flask Shaker	1	0.07
29	Hard Disc	1	0.08
30	Multiparameter	1	2
31	Stereo Microscope	1	9
32	Shaker	1	0.5
33	Moisture Analyzer	1	1
34	Chlorophyll Fluorometer	1	1.5
35	Leaf Area Meter	1	1.5
36	Tissue homogenizer	1	3.8
37	Vortex Mixture	1	0.25
38	Benchtop refrigerated vacuum concentrator for plant peptide samples	1	15
39	SPINWIN	1	0.25
40	VORTEX SHAKER	1	0.25
41	Jig Saw Machine	1	0.39
42	Meter Saw Machine	1	0.181
43	Marble Cutter	1	0.41
44	Electric Planner	1	0.665
45	Welding Machine	1	0.1785
46	Demolition Hammer Machine	1	0.139
47	Cordless Drill Machine	1	0.045
48	Hammer Drill Machine	1	0.0266
49	SEED GERMINATOR	1	1.5
50	Carbon Dioxide Incubator	1	5.5
51	Recirculating Chiller	1	3
52	Laminar Air Flow (Qty: 02)	1	5
53	Plant Growth Chamber	1	8
54	UV Trans illuminator	1	1
55	ROCKYVA Vacuum Pump	1	0.8
56	All Clear Desiccator Vacuum, PC/PC	1	0.65
57	Analog Data Logger	1	0.3
58	Insect Rearing Cabinet with LED	1	2
59	Chemidoc	1	12.5
60	Cultivator	1	0.5
61	Flame photometer	1	1.5
62	Homogenizer	1	4.5
63	Weed Reapers (01 Nos.) and brush cutters (02 Nos.)	1	1.2
64	Rotovator	1	2
65	Clevenger apparatus with 6 mantles, 1 litre capacity	1	0.5

66	Ultra Sonicator Bath for HPLC sample preparation	1	0.75
67	Desktop Computers/Workstations	13	16.8
68	Printers	4	1.4
69	Laptops	5	5.4
70	Scanner	2	1
71	UPS Systems (Online/Offline different capacities and specifications)	5	10.6
72	Network Attached Storage (NAS) (=100 TB)	1	10
73	Layer 2 Network Switch	1	0.95
74	Professional LED TV for Displays (different specifications)	8	2.5
75	Air Conditioners (Split Type/Window Type; 1.5/2.0 ton; different specifications) with Stabilizers	19	12.65

Additional Equipments for Procurement under Lab Grant (P-50 Apparatus & Equipment /CE) During Next 2-3 Years (2027-2030):

1	Liquid Nitrogen Plant (20 LPH)	1	350
2	Two Dimensional Gas Chromatography System	1	50

(ii) Equipment: Out of CSIR Funded Projects

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

(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)
1	Automated Flash Cum Preparative Purification System	01	ICMR-funded Project	35

Note: The equipments which were published (Procurement Plans) during previous Financial Years, and could not be procured, would be taken up in the Financial Year 2026-2027, subject to the reassignment and availability of the funds.

A (b)	CONSUMABLES
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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)	00	00	00	00
2	Chemicals (ex.- Different chemicals like Solvents (ether, hexane, methanol, ethanol, amyl alcohols, acetic acid, acetonitrile, inorganic acids, other organic chemicals, etc.), solid chemicals (powders / granular chemicals for vast experiments), Biochemical/s, Biochemical kits & enzymes for specialized R&D experiments, Diagnostic kits, Sequencing, Oligonucleotides, essential oils, Molecular biology kits, etc.) as per the need of various diverse kind of experiments.	150	350	120	620.00
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.) as per the need of various diverse kind of experiments.	100	150	150	400.00
4	Glass wares (ex- Beakers, flasks, cleverger, tubes, reagent bottles, storage bottles, measuring cylinders, bacterial vials, other glass wares, etc.)	15	20	4.0	39.00

5	Plastic wares (ex- Micropipettes, pipette tips, flasks, cylinders, beakers, micro-centrifuge tubes, centrifuge tubes, storage boxes, cryo boxes, conical tubes, culture tubes, oak-ridge tubes, tube racks, other plastic wares, etc.)	20	15	3.5	38.50
6	Toner Cartridges.	9.0	1.0	2.0	12.00
7	Batteries, etc.	12.0	2.5	2.0	16.50
8	Gases (ex- Nitrogen, Helium, CO ₂ , Argon, etc.)	16	4.0	1.0	21.00
9	Maintenance/AMC/repairing of existing equipment	60	3.0	2.0	65.00
10	Stationery items (ex- Service book, A4 paper, files, file covers, file board, o-Ring files, markers, pen, stamp-pad, carbon papers, staplers & pins, all pins, board pins, etc.)	8.0	8.0	2.5	18.50
11	IT / software-related Items (MS Office, Cambridge Structural Database (CSD) Enterprise, etc.)	6.0	0	0.5	6.50
12	Furniture (Executive Chairs, executive tables, visitor chairs, computer tables, Conference Room furniture, HRD Class room furniturs, etc.)	40	0	0	40.00
13	Electric Items (Tube Lights, switches, wires, cables, MCBs, electrical boards, boxes, other electrical items, lamps, etc.)	7.5	1.0	1.0	9.50

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 projected list as above is an estimate only.
- 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.

The procurement Plan is updated with the approval of the competent authority.