

CSIR-National Botanical Research Institute, Lucknow
PROCUREMENT PLAN*

(*Please read the note given at the end)

A	FOR THE FINANCIAL YEAR 2025-26		
A (a)	EQUIPMENT		
(i)	Equipment: Out of CSIR Infra Grant		
Sr.No	Equipment Name	Quantity (Nos.)	Equipment Cost
1	Vortex (multiple)	1	0.08
2	Gel Electrophoresis Unit (horizontal)	1	1.26
3	Gel Electrophoresis unit (vertical)	1	0.67
4	Weighing Balance	1	0.30
5	Magnetic stirrer with Hotplate	1	0.45
6	Water bath (normal)	1	0.70
7	Water bath (shaking)	1	0.30
8	Tissue lyser	1	0.10
9	Air dryer dehydration	1	0.05
10	Herbarium Scanner	1	8.00
11	Computer workstation	1	2.50
12	Muffle furnace	1	0.30
13	Camera with accessories	1	3.25
14	Stereoscopic Microscope	1	8.50
15	Culture racks	1	4.50
16	Liquid Nitrogen container	1	0.80
17	Lyophilizer with accessories	1	8.50
18	Rota evaporator	1	10.00
19	Water analyzer with data recorder	1	10.00
20	-80 degree deep freezer	1	10.00
21	Pulse amplitude modulation (PAM) fluorometry is	1	12.00
22	FINIR	1	65.00
23	Discovery Studio	1	22.00
24	Weighing balance	1	1.00
25	UV-Vis Spectrophotometer	1	10.00
26	PCR machine	1	5.00
27	Centrifuge	1	8.00
28	Small fridge (300 lit.)	1	0.30
29	Incubator Shaker	1	20.00
30	Microwave oven	1	0.30
31	Porometer- Fluorometer	1	28.00
32	Advanced wet sieving complete set	1	7.00
33	Soil permeameter with soil core sampler and portable infiltrometer;	1	6.00
34	Advanced hydrometer set (digital) with handheld sensors for soil temperature and moisture reader	1	12.00
35	Guelph constant head permeameter	1	7.00
36	PCR	1	7.00
37	Big Autoclave	1	30.00
38	pH meter and some small, assorted instruments.	1	1.50
39	Table Top Centrifuge	1	0.70

40	AC (4 nos)	4	2.00
41	Vertical Autoclave (175 Litres Capacity)	1	3.50
42	Computer workstation	1	3.50
43	Computer Workstation	1	3.50
44	Centrifuge	1	7.50
45	Refrigerator (-20° and 4 °C)	2	0.75
46	Table Top centrifuge (02)	2	0.20
47	Bead Sterilizers for laminar Airflow (10 Nos.)	10	1.00
48	Humidifier (04)	4	4.00
49	Dry Bath (01)	1	0.60
50	Vortexer	1	0.25
51	Spectrophotometer	1	9.00
52	-80-degree deep freezer	1	10.00
53	Luminescence microplate reader	1	30.00
54	Microvolume UV-Vis Spectrophotometer	1	11.00
55	Electronic protein transfer apparatus	1	5.00
56	All-in-one PC	1	1.00
57	Celfrost two doors 4 °C cooler	1	1.50
58	Incubator shaker	1	10.00
59	(-)80 degree Celcius deep freezer	1	10.00
60	ELISA reader	1	9.00
61	Multiparameter Sondes	1	5.00
62	Upright Trinocular Microscope with Digital Camera	1	8.20
63	Vertical Autoclave	1	2.00
64	Cultivator	1	0.40
65	Rotavator	1	2.00
66	Disc harrow	1	1.00
67	Disc plough	1	0.75
68	Ridge maker	1	0.30
69	Grass cutter	1	1.00
70	Land Leveller	1	0.50
71	Chain saw	1	0.30
72	Brush cutter	1	0.60
73	Power tiller	1	4.00
74	SPAD meter	1	2.50
75	Spectrophotometer	1	10.00
76	Flame photometer	1	5.00
77	Hot Air Oven	1	1.00
78	pH and EC meter	1	1.50
79	Digital Refractometer	1	1.50
80	Digital weight balance	1	3.50
81	Digital weight balance (5Kg)	1	0.50
82	Rotary Evaporator	1	10.00
83	Polarimeter	1	1.50
84	Stereomicroscope (02)	1	20.00
85	UV Spectrophotometer	1	15.00
86	Chiller	1	3.00
87	Computer	1	10.00
88	AC	10	10.00
89	Atomic Absorption System (AAS)	1	55.00
90	Buffer	1	50.00
	Total	116	662.41

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(ii)	Equipment: Out of CSIR Funded Projects
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Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)
1	Probe Sonicator	1	FTT 020302	6.00
2	One Stereo zoom microscope	1	FTT 020302	4.00
3	Hand held public address systems	2	HCP 01010	1.00
	Total	3		11.00

(iii)	Equipment: Out of Externally Funded Projects (EFP)
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Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)
1	Incubator	1	GAP 3537	17.00
2	Centrifuge	1	GAP 3537	
3	Water Bath	1	GAP 3537	
4	Icematic	1	GAP 3537	
5	Distillation Units	1	CLP 9001	6.00
6	Honey extraction units with accessories	1	CLP 9001	0.25
7	Total	6		23.25

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. HPLC, HPTLC, LCMS, NMR, SEM, TEM etc.)	35	27	32	94
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	28	32	42	102
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.)	35	32	33	100
4	Glass wares (ex- Petriplates, flasks, round bottom flask, reagent bottles, beakers, cleverger etc.)	5	3	3	11
5	Plastic wares (ex- pipette)	2.2	2.2	2.2	6.6
6	Toner Cartridges.	21	6	6	33
7	Batteries, etc.	3	2	1	6
8	Gases (ex-Helium, Nitrogen, CO ₂ , Argon etc.)	7	3	2	12

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9	Maintenance/AMC/repairing of existing equipment	50	5	5	60
10	Stationery items (ex- Pen, pencil, register, logbook, ledger, highlighter, photocopy paper etc.)	3	2	1	6
11	IT / software-related Items (SOPHOS, MS Office License etc.)	30	2	2	34
12	Furniture (Office tables, office chairs, canteen/mess tables & chairs, guest-house furniture)	20	-	-	20
13	Electric Items (Bulb, LED lights, cables etc.)	20	1	1	22
	Total	259.2	117.2	130.2	506.6

B	FOR NEXT 2 FINANCIAL YEARS (2026-28) (From 01/04/2026 to 31/03/2028)		
B (a)	EQUIPMENT		
Sr. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	Integrated (EA-IRMA, LC-IRMS)	1	45.00
2	Refractive Index Detector: for honey testing lab	1	13.50
3	Digital Polarimeter	1	10.00
4	Digital Refractometer	1	10.00
5	RT-PCR	2	30.00
6	PCR	2	15.00
7	Spectrophotometer	4	20.00
8	Refrigerated Centrifuge	1	10.00
9	Refrigerated Incubator Shaker	3	3.00
10	pH meter	5	4.00
11	Microwave	3	2.00
12	Computer	30	30.00
13	HPLC	1	40.00
14	ACs	25	15.00
15	Fermenter	1	50.00
16	PCR	2	7.50
17	Sonicator	1	12.00
18	-80°C Refrigerator	1	10.00
19	LC-Q TRAP-HRMS	1	500.00
20	PMI Monitoring Instrument	1	8.00
21	LiCoR	1	70.00
22	n-Counter Essay Machine	1	350.00
23	GC-MS	1	70.00
	Total	90	1325.00

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B (b)	CONSUMABLES				
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. HPLC, HPTLC, LCMS, NMR, SEM, TEM etc.)	65.00	55.00	65.00	185.00
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	55.00	63.00	47.00	165.00
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.)	65.00	65.00	65.00	195.00
4	Glass wares (ex- Petriplates, flasks, round bottom flask, reagent bottles, beakers, clevenger etc.)	12.00	7.00	7.00	26.00
5	Plastic wares (ex- pipette)	3.00	3.00	3.00	9.00
6	Toner Cartridges.	42.00	12.00	12.00	66.00
7	Batteries, etc.	7.00	5.00	3.00	15.00
8	Gases (ex-Helium, Nitrogen, CO ₂ , Argon etc.)	15.00	7.00	5.00	27.00
9	Maintenance/AMC/repairing of existing equipment	120.00	12.00	12.00	144.00
10	Stationery items (ex- Pen, pencil, register, logbook, ledger, highlighter, photocopy paper etc.)	8.00	6.00	4.00	18.00
11	IT / software-related Items (SOPHOS, MS Office License etc.)	65.00	5.00	5.00	75.00
12	Furniture (Office tables, office chairs, canteen/mess tables & chairs, guest-house furniture)	45.00	-	-	45.00
13	Electric Items (Bulb, LED lights, cables etc.)	45.00	3.00	3.00	51.00
	Total	547.00	243.00	231.00	1021.00

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 procurement is subject to the fund's availability/release of sufficient grant from CSIR / funding agency.
- The indicated procurement value is an estimate only.

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