

Updated on 04-07-2024

[Name of the Laboratory/Instt./Unit]
PROCUREMENT PLAN*

(*Please read the note given at the end)

A FOR THE FINANCIAL YEAR 2024-25

A (a) EQUIPMENT

(i) Equipment: Out of CSIR Infra Grant

Sr. No.	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	Histopathology Tissue processor	1	16.00
2	Hematology analyzer (Veterinary Mode)	1	40.00
3	Embedding Machine	1	12.00
4	Surgical stereozoom microscope with camera	1	8.00
5	Animal euthanasia chamber	2	1.00
6	Multimode Microplate Reader	1	25.00
7	PCR Machine (Dual block temp grad)	1	6.50
8	Deep Freezer (-20 deg C)	1	1.60
9	BOD incubator with shaker	1	1.30
10	Swing-bucket plate rotor for Centrifuge (model HERMLE Z36HK)	1	2.50
11	Fluorescence Upgradation of Existing Nikon microscope	1	6.00
12	UPS for electrophysiology setup	1	1.00
13	-80°C Freezer	3	8.00
14	Homogenizer	1	2.50
15	pH meter (pH/CON 510 benchtop meter, 110/220VAC)		1.00
16	Rotavapour with Chiller	1	4.07
17	Water Circulating Chiller	1	1.35
18	Cryostat	1	22.00
19	Magnetic stirrer	8	4.80
20	MillQ equivalent water production unit for Centralized Utility Services	1	4.00
21	Biostatistical analysis platform	1	4.00
22	Stata Mp 18.0 S/W for GLP data analysis	1	4.00
23	Stata MP 18.0 S/W for non-GLP data basic science, clinical trial and machine learning work	1	3.15
24	Refrigerated Centrifuge	1	3.32
25	Water Bath	1	0.45
26	Hot Air Oven	2	1.00
27	Ph Meter	2	5.00
28	Analytical Balance	1	0.95
29	Desktop	27	17.20

30	Printer	15	3.80
31	Photocopier machine	1	2.20
32	UPS Battery server room	1	4.37
33	Batteries for Centralized UPS	1	40.00
34	Fire Extinguishers	4	28.00
35	HPLC-HRMS	1	300.00
36	LC-HRMS system	1	250.00
37	CO2 Incubators	15	128.00
38	2U Rack Mountable Server	1	25.00
39	Storage Server	1	20.00
40	Animal cage change station	4	8.00
41	Ultra Low Temperature Deep Freezer	1	8.00
42	Laptop	3	3.00
43	High Through-Put Next Generation In Vivo Small Animal Imaging System With X-Ray	1	530.00
44	Centralized UPS Batteries	1	0.60
45	27U Server Racks	1	0.30
46	Server Power Strips 6 ports	1	0.10
47	Low Noise Digitizer	1	5.00
48	Noise Eliminator		2.50
49	ALA BPS System	1	3.00
50	Automatic Temperatur Controller	1	4.00
51	Multiclamp amplifier	1	5.00
52	AMPI Master-8 Pulse Stimulator	1	3.00
53	pClamp11 dongle	1	5.00
54	Inverted Microscope with flourescence + faraday cage + antivibration table	1	32.00
55	Stereozoom Microscope	1	1.87
56	Analytical Balance	1	2.00
57	Dry Bath with standard heting block	1	0.45
58	Liq n2 tank	1	0.75
59	Vertical Dual Midid Gel System	1	0.32
60	Power supply	1	0.86
61	Gel rocker shaker	1	0.43
62	Western Blot Unit	1	0.56
63	Table top Centrifuge	1	0.36
64	Water Purifier	2	0.90
65	Air showers 4 nos.	4	12.00
66	Biomtric door opener	4	1.00
67	CCTV cameras	8	4.00
68	Heavy Duty washing machines	3	6.00
69	SMF Battery	1	1.95
70	Microscope	1	2.50
71	MIC	3	1.50
72	NMR Auto sampler	1	55.18

73	Digital Balance	1	0.20
74	12 Volt battery	1	0.15
75	AEBAS devices	4	1.50
76	Split Ac	1	0.50
77	Rotar evaporator pumps	4	4.00
78	Karl Fisher tritator	1	5.00

(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)
1	Dry Glove Box	1	FTT070503	30.30
2	Rack Server	1	FTT070503	7.00
3	Photo Diode Array Detector	1	FTT070503	12.00
4	Refrigerator 400litres	1	FTT070503	0.70
5	CO2 Incbator	1	FBR070303	5.00
6	Stackable refrigerated incubator shaker	1	FBR030307	7.25
7	-20 °C fridge	1	FBR030307	0.75
8	Rotary Evaporator	1	MMP075201	8.00
9	Micrpscope Camera	1	MMP075201	8.00
10	Ultralow temp freezer	1	MMP075201	10.80
11	Deep Freezer	1	MMP075201	1.20

(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	Recirculating chiller with wheel	1	SSP0242	1.60
2	Bio-Rad Single Moulded Vertical Electrophoresis system	1	CLP0004	1.90
3	Optical Inverted Research microscope	1	CLP0006	2.80
4	Ultra-high-performance liquid chromatography-high-resolution mass spectrometer (LC-MS system) with accessories	1	GAP0003	600.000
5	Cryo Rack with ventilated system	1	GAP0357	0.320
6	mPAGE mini wet transfer system	1	GAP0383	0.970
7	Dry bath with standard heating block	1	GAP0383	0.493
8	MONOKIN BD RTU vertical Electrophoresis 8.5 x12 cm INSITU	1	GAP0383	0.403
9	Bench Top Shaker Incubator	1	GAP0428	9.400
10	Biophotometer Plus	1	GAP0428	
11	Spectrophotometer	1	GAP0428	
12	CO2 Incubator	1	GAP0428	
13	Protein Gel Running Apparatus	1	GAP0428	
14	Refrigerated Microcentrifuge	1	GAP0428	
15	Rotary set (Rotary evaporator, vacuum pump with controller and chiller)	1	GAP0431	12.000
16	Acoustic detector Spectra Plus SC 2 channel	1	GAP0434	1.850
17	Needle hydrophone	1	GAP0434	1.600
18	HEATING MANTLE	1	GAP0440	0.280
19	Fast Protein Liquid Chromatography (FPLC) system	1	GAP0446	53.000
20	IVOSII-TOX on Windows 10 Pro (computer assisted reproductive toxicology testing/sperm analysis of rat sperm)	1	GAP0446	70.000
21	Refrigerated centrifuge machine	1	GAP0446	10.000

22	Multidetecion Microplate Reader	1	GAP0446	14.870
23	Refrigerated incubator shaker	1	GAP0446	8.500
24	Scireq-Flexivent	1	GAP0447	32.000
25	1. Incubator Shaker	1	GAP0448	28.400
26	Refrigerated Centrifuge	1	GAP0448	
27	Westem Blot scanner	1	GAP0448	
28	Centrifuge with Rotors refrigerated centrifuge	1	GAP0449	7.280
29	Desktop computers with accessories including, external storage devices, UPS etc.	4	GAP0449	2.000
30	Storage Freezer (-20°C)	1	GAP0449	0.900
31	Storage refrigerator (4°C)	2	GAP0449	0.900
32	Centrifuge with Rotors	1	GAP0449	7.280
33	Gel Electrophoresis System	1	GAP0449	2.000
34	Weighing Balance	2	GAP0449	0.710
35	Magnetics Stirrer	2	GAP0449	0.300
36	Orbital Shaker	1	GAP0449	0.880
37	Liquid Nitrogen tank with accessorie	1	GAP0451	9.970
38	Microplate washer	1	GAP0451	
39	Microcentrifuge	1	GAP0451	
40	Peristaltic pump	1	GAP0452	1.500
41	4° C Refrigerator (400 litre, double door)	1	GAP0452	
42	Computer workstation	1	GAP0456	3.000
43	Computer workstation, Miner equipments	1	GAP0456	10.000
44	Gas Chromatograph	1	GAP0460	18.000
45	Heating magnetic Stirrer-2	2	GAP0460	18.000
46	Recirculating chiller-1	1	GAP0460	
47	Gas chromatography-1	1	GAP0460	
48	Refrigerator-1	1	GAP0460	
49	Desktop and printer-1	1	GAP0460	
50	AHU AND IVC	1	GAP0462	8.000
51	Inverted trinocular fluorescent microscope with Z stacking	1	GAP0463	16.600
52	Electrophoresis power supply	1	GAP0463	
53	Vacuubrand vacuum pump with controller-1	1	GAP0465	19.900
54	Recirculating chiller-1	1	GAP0465	
55	Rotary evaporator full set-1	1	GAP0465	
56	Refrigerator-1	1	GAP0465	
57	Laboratory Electric oven-1	1	GAP0465	
58	Rotary Microtome	1	GAP0466	8.800
59	pH meter	1	GAP0466	
60	Micropipettes Set	1	GAP0466	
61	Stability Chamber-1	1	MLP0102CP	75.000
62	Probe sonicator	1	MLP0102CP	10.000
63	Single Punch Tablet Machine	1	MLP0102CP	8.000
64	Liq N2 Cryo Tank	1	GAP0474	4.248
65	Programmable Digital Rocker	1	GAP0474	0.668

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)				
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)				
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.)				
4	Glass wares (ex- name the different glass wares)				
5	Plastic wares (ex- Name the different plastic wares)				
6	Toner Cartridges.				
7	Batteries, etc.				
8	Gases (ex- tentative names)				
9	Maintenance/AMC/repairing of existing equipment				
10	Stationery items (ex- name a few)				
11	IT / software-related Items (Name the items required during year)				
12	Furniture (Name the items required during year)				
13	Electric Items (Name the items required during year)				

B	FOR NEXT 2-4 FINANCIAL YEARS (2025-29) (From 01/04/2025 to 31/03/2029)
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B (a)	EQUIPMENT
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Sr. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)

B (b)	CONSUMABLES
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Sr. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	R&D Consumables for closed loop systems (by equipment name)	
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	
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.)	
4	Glass wares (ex- name the different glass wares)	
5	Plastic wares (ex- Name the different plastic wares)	
6	Toner Cartridges.	
7	Batteries, etc.	
8	Gases (ex- tentative names)	
9	Maintenance/AMC/repairing of existing equipment	
10	Stationery items (ex- name a few)	
11	IT / software-related Items (Name the items required during year)	
12	Furniture (Name the items required during year)	
13	Electric Items (Name the items required during year)	

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.