

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

*(\*Please read the note given at the end)*

<b>A</b>	<b>FOR THE FINANCIAL YEAR 2025-26</b>
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<b>A (a)</b>	<b>EQUIPMENT</b>
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<b>(i)</b>	<b>Equipment: Out of CSIR Infra Grant</b>
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<b>Sr. No.</b>	<b>Name Category of Equipment/ Vehicle Item ( Priority wise)</b>	<b>Quantity (Nos.)</b>	<b>Approximate Cost (Rs. In Lakhs)</b>
1.	Liquid Nitrogen plant	1	400
2.	Inhalation exposure system ( Aerosolic animal infection chamber)	1	65
3.	Multimode Microplate Reader and Fluorimeter	1	285
4.	Laser Scanning Confocal Microscope	1	300
5.	Milli Q water systems	6	90
6.	Data archival system ( tape based)	1	
7.	GPU nodes for existing HPC cluster	2	150
8.	-80 freezers	6	45
9.	HPC system for Lacones	1	40
10.	NMR workstation	2	15
11.	Digital PCR system	1	65
12.	Wild life diagnostics equipment setup	1	45
13.	-30 freezers	6	18
14.	Drinking water RO system	10	75
15.	UPS for Lacones (60KVA)2011, BSL3 (60KVA) 2009, CRF (120KV)2009,	3	50
16.	Inverted Microscope with imaging	2	14
17.	CO2 incubators	6	35
18.	Integrated Inverted Fluorescence Microscope	1	25
19.	Incubator shaker	2	30
20.	Gene pulser	2	14
21.	Refrigerated Centrifuges	5	30

22.	Gel doc system	2	12
23.	Cryo Mixer mill	1	13
24.	Inverted fluorescence microscope with live imaging	1	50
25.	Upright Microscope with Fluorescence, DIC and imaging setup for AMIF	1	50
26.	Cell Aanlyser ( Flow cytometer)	1	90
27.	Multi Angle Light Scattering System	1	250
28.	Bio safety cabinets	5	35
29.	Single beam UV/Vis spectrophotometers	2	20
30.	AV systems and accessories	4	20
31.	Digital electronic balance	4	8
32.	Water bath	2	2
33.	steriliser	2	14
34.	Vacuum pump	6	3
35.	Mini bead beater	2	10
36.	Ice Machine	6	10
37.	Flow Cytometer	1	200

<b>(ii)</b>	<b>Equipment: Out of CSIR Funded Projects</b>
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<b>Sr. No</b>	<b>Name Category of Equipment/ Vehicle Item</b>	<b>Quantity (Nos.)</b>	<b>Project Number/ Code</b>	<b>Approximate Cost (Rs. In Lakhs)</b>

<b>(iii)</b>	<b>Equipment: Out of Externally Funded Projects (EFP)</b>
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<b>Sr. No</b>	<b>Name Category of Equipment/ Vehicle Item</b>	<b>Quantity (Nos.)</b>	<b>Project Number/ Code</b>	<b>Approximate Cost (Rs. In Lakhs)</b>

<b>A (b)</b>	<b>CONSUMABLES</b>
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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)				560
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)				750
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.)				450
4	Glass wares (ex- name the different glass wares)				80
5	Plastic wares (ex- Name the different plastic wares)				350
6	Toner Cartridges.				60
7	Batteries, etc.				20
8	Gases (ex- tentative names)				30
9	Maintenance/AMC/repairing of existing equipment				150
10	Stationery items (ex- name a few)				35
11	IT / software-related Items (Name the items required during year)				250
12	Furniture (Name the items required during year)				85
13	Electric Items (Name the items required during year)				35

<b>B</b>	<b>FOR NEXT 2-4 FINANCIAL YEARS (2026-30) (From 01/04/2026 to 31/03/2030)</b>
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<b>B (a)</b>	<b>EQUIPMENT</b>
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38.Sr. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1.	Confocal Microscope	1	300
2.	High Content screening system	1	400
3.	Small Animal imaging system	1	500
4.	Cell sorter	1	350
5.	Spinning disk confocal	1	350
6.	Milli Q water systems	6	90
7.	Floor model High speed centrifuges	3	100
8.	Ultra Centrifuge	1	95
9.	-80 Freezers	10	85
10.	RT PCR for LaCONES & CRF	2	55
11.	CD machine	1	150
12.	Integrated Inverted Fluorescence Microscope for AMIF	1	50
13.	Liquid Nitrogen plant	1	375
14.	100 KVA UPS system-2	1	60
15.	-20/-30 freezer	10	40
16.	Accessories for Q Exactive mass spectrometer	1	5
17.	Adapter buckets (50ml and 15ml tarson tubes)	1	1.85
18.	Agarose gel electrophoresis setup (withpower pack)	1	2
19.	All-In-One Micro volume and Cuvette Absorbance with Fluorescence Design spectrometer	1	12
20.	Auto-tissue sample processor	1	20
21.	Balance Top loading	1	1
22.	Bath sonicator	1	1.5
23.	Bead bath	1	3
24.	Benchtop refrigerated centrifuge	1	6
25.	Binocular Stereo Microscope	1	5
26.	Blotting apparatus	1	0.25
27.	Bone/hard Tissue homogenizer - MILLMIX 20	1	10
28.	Cell counter (Cell Drop™ Automated CellCounters);	1	10

<b>Sr. No.</b>	<b>Name of Equipment / Item</b>	<b>Quantity (Nos.)</b>	<b>Approximate Cost (Rs. In Lakhs)</b>
29.	Cell culture hood x 2	1	8
30.	Cell density meter	1	2
31.	Centrifuge with 96 well block	1	17
32.	Chemical hood	1	5
33.	CO2 incubator for adherent cultures	10	60
34.	Cold cabinet large	1	2.5
35.	Cold Chamber (-30°C)	1	4
36.	Combo plate reader and UV-visible-Near IR wavelength range spectrophotometer, with dedicated cuvette port, micro-litre volume analyser	1	12
37.	Cryogenic tank for cell and embryo freezing(Imported)	1	5
38.	Desktop centrifuge	1	3
39.	Desktop centrifuge with adapter	1	4
40.	Desktop refrigerated centrifuge	1	5
41.	Digital camera/memory card	1	0.5
42.	Double Stage Pressure Regulator for mixed gas cylinder	1	0.2
43.	Drosophila Growth chamber (2 nos.)	1	12
44.	Dry block heaters (2 Nos.)	1	0.8
45.	Dry Shipper (Liquid Nitrogen Container) Vol:25-30L [Transportation type]	1	1
46.	ELISA Plate Reader	1	7
47.	FESC system (HPLC system with two fluorescence detectors, degasser,	1	45
48.	Fine weighing balance	1	2
49.	Fire Alarm	1	10
50.	Flake ice making machine	1	5
51.	Advanced Inverted Fluorescence stereo microscope with attachments and software for imaging	1	85
52.	Gel Rocker (4 Nos)	1	4
53.	Homogenizers /French press	1	0.5
54.	Horizontal Electrophoresis gel tanks, trays and combs	1	0.8
55.	Hot air ovens (6 Nos.)	1	6
56.	Ice machines (6 Nos.)	1	30
57.	Incubating Micro-plate stage	1	3
58.	Incubator Shaker with Plate holder	1	10
59.	Inverted fluorescent microscope (non-motorized)	1	25
60.	Inverted microscope	1	5

<b>Sr. No.</b>	<b>Name of Equipment / Item</b>	<b>Quantity (Nos.)</b>	<b>Approximate Cost (Rs. In Lakhs)</b>
61.	Inverted phase contrast microscope with 10x,20x, 40x phase. Objectives & digital camera with software & computer	1	10
62.	IPA Analysis Match Explorer - LNUL 100Datasets subscription (Single User)	1	7.1
63.	Laminar air flow chamber with HEPA filters	1	1
64.	Laminar Flow Hoods	1	8
65.	Laminar hood	1	6
66.	Large Volume centrifuge with three rotors	1	13
67.	Liposome preparation mini extruder along with its accessories	1	1
68.	Liquid nitrogen dewars (35-50 L)	1	4
69.	magnetic stands for microfuge tubes	1	0.2
70.	Magnetic stirrer and heater	1	0.4
71.	Magnetic stirrers (3 nos.)	1	3
72.	Mammalian 3-stack incubator shaker;	1	60
73.	Mammalian incubator shaker (small) X 2	1	7
74.	Mechanical shaker for 96 well blocks and adapter	1	1
75.	Micro balance	1	5
76.	Micro-centrifuge	1	12
77.	Microfuges	1	0.6
78.	Micro-litre volume analyser and plate reader	1	10
79.	Mini centrifuge	1	3.5
80.	Mini spin	1	1.5
81.	Mini Spin-1.5ml X 12 well slot: adapters for 0.5ml and 0.2ml [one set each] speed 6000rpm or more, voltage 230/50hz, AC-1 No.	1	1
82.	Mini vortex : Adapters for 96 well plate and 2.5ml tubes and 3mm popup cup for vortexing the tube	1	0.25
83.	Mounted Cryo-loops (different sizes)	1	1.5
84.	Multichannel pipette- Eppendorf	1	0.75
85.	Multi-channel pipettor	1	1
86.	Multimode Microplate reader	1	15
87.	Single beam UV/Vis spectrophotometers	2	20
88.	Network Devices – Switches, wireless routers, routers, fiber modules	1	25

<b>Sr. No.</b>	<b>Name of Equipment / Item</b>	<b>Quantity (Nos.)</b>	<b>Approximate Cost (Rs. In Lakhs)</b>
89.	Neutating mixer	1	0.3
90.	PCR machine	1	5
91.	PCRs (one gradient) – (2 Nos)	1	10
92.	Peristaltic pump	1	3
93.	pH meter – (3 Nos)	1	3
94.	Pipet man Set – (7 Nos)	1	11.2
95.	Pipette sets	1	2
96.	qRT PCR	1	26
97.	Rack server	1	2
98.	Refrigerated centrifuge	1	7
99.	Refrigerated Centrifuge (2 nos.)	1	13
100.	Refrigerated centrifuge with interchangeable fixed angle and swinging bucket rotors for variable sample volumes	1	13
101.	Refrigerated incubator shaker	1	13
102.	Refrigerated shaking incubator with provision for removable trays for incubating plates. Table top model;	1	10
103.	Refrigerated, bench-top centrifuge with interchangeable fixed angle and swinging bucket rotors for variable sample volumes, along with adapters and other accessories	1	13
104.	Refrigerator (2)	1	0.6
105.	Rotospin (2)	1	0.6
106.	SDS - Vertical gel electrophoresis unit with power supply	1	2
107.	SDS-PAGE setup (with power pack)	1	2
108.	Self-pressurizing Liquid N2 Dewar	1	12
109.	Single channel UV visible spectrophotometer for nano samples	1	10
110.	Sonicator	1	2
111.	Surveillance Camera	1	5
112.	Table top Centrifuge x 2	1	8
113.	Table top centrifuge Refrigerated with 1.5 ml rotor (2Nos)	1	10
114.	Table top hot air oven (18 x 18 inch) 2 units	1	0.55
115.	Telephone instruments and cables	1	1.25
116.	Temperature controlled incubator	1	5

<b>Sr. No.</b>	<b>Name of Equipment / Item</b>	<b>Quantity (Nos.)</b>	<b>Approximate Cost (Rs. In Lakhs)</b>
117.	Thermal cycler -dual block	1	0.5
118.	Thermomixer (2 Nos.)	1	6
119.	Tissue Homogenizer (bead beater)	1	10
120.	Trans illuminators/ UV and visible range	1	3
121.	Trinocular Stereo Microscope with Fluorescence Bright field imaging, movablestage, high-resolution in-depth imaging system with Camera	1	30
122.	Ultrasonic probe sonicator	1	8
123.	Vacuum centrifuge (temperature controlled)	1	10
124.	Vacuum manifold	1	2
125.	Vortex	1	0.2
126.	Vortex	1	0.3
127.	Vortex mixer	1	1
128.	vortex with 3-inch platform	1	0.2
129.	Water bath	1	1.5
130.	Weighing balance (4 decimal places)- 1 unit	1	1.5
131.	Western Blot Apparatus	1	3
132.	Wireless access points, controllers, switches	1	5
133.	Workstation (Linux-based)	1	2
134.	Dried Blood Spot (DBS) puncher	1	13
135.	Automated electrophoresis system	1	20
136.	Digital PCR system	1	75
137.	Micro CT	1	700
138.	FPLC system	1	40
139.	Flow Cytometer	1	200

39.B (b)		40.CONSUMABLES
Sr. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	R&D Consumables for closed loop systems (by equipment name)	2000
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	3000
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.)	2000
4	Glass wares (ex- name the different glass wares)	250
5	Plastic wares (ex- Name the different plastic wares)	1500
6	Toner Cartridges.	250
7	Batteries, etc.	125
8	Gases (ex- tentative names)	100
9	Maintenance/AMC/repairing of existing equipment	800
10	Stationery items (ex- name a few)	150
11	IT / software-related Items (Name the items required during year)	500
12	Furniture (Name the items required during year)	350
13	Electric Items (Name the items required during year)	125

**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.