

CSIR-CCMB, HYDERABAD

ANNUAL PROCUREMENT PLAN

2024-25 to 2028-29

(*Please read the note given at the end)

A	FOR THE FINANCIAL YEAR 2024-25
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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.	Liquid Nitrogen plant	1	375
2.	MilliQ water systems	5	90
3.	RT PCR systems- 384 well	2	55
4.	FE SEM	1	80
5.	Gel doc systems	2	12
6.	High speed Super resolution system for AMIF	1	500
7.	UPS for LaCONES (60KVA)2011, BSL3 (60KVA) 2009, CRF (120KV)2009, NMR (30KVA) , (40 KVA)2005, Auditorium (20 KVA)	6	65
8.	Live cell imaging system (wide field & Confocal)	1	250
9.	Upright Microscope with Fluorescence, DIC and imaging setup for AMIF	1	50
10.	Cell Analyser	1	90
11.	Floor model High speed centrifuge	2	400
12.	Integrated Inverted Fluorescence Microscope for BSL3	1	30
13.	-80 freezers	15	100
14.	CO2 incubators	10	70
15.	Bio safety cabinets	10	70
16.	Single beam UV/Vis spectrophotometers	4	40
17.	Refrigerated Centrifuges	5	35
18.	Autoclave	2	30
19.	Digital camera with software and trinocular tube for existing Olympus cx43microscope at BSL2	1	5
20.	PCR Machine	5	30
21.	Microwave fixation unit	1	50
22.	Plant Growth Chamber	1	17

(ii)	Equipment: Out of CSIRFunded Projects
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Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)
1	Toyota Innova	01		30
2	Force Motors/ Mahindra & Mahindra	01		20
3	Maruti Suzuki India Ltd	01		12

(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)

A (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. Kits for Illumina sequencer)				530
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)				707
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.)				420
4	Glass wares (ex- name the different glass wares)				50
5	Plastic wares (ex- Name the different plastic wares)				300
6	Toner Cartridges.				50
7	Batteries, etc.				20
8	Gases (ex- tentative names)				20
9	Maintenance/AMC/repairing of existing equipment				150
10	Stationery items (ex- name a few)				30
11	IT / software-related Items (Name the items required during year)				100
12	Furniture (Name the items required during year)				75
13	Electric Items (Name the items required during year)				20
14	32P Orthophosphoric Acid				97

B	FOR NEXT 2-4 FINANCIAL YEARS (2025-29) (From 01/04/2025 to 31/03/2029)		
B (a)	EQUIPMENT		
Sr. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1.	Confocal Microscope	1	275
2.	High Content screening system	1	400
3.	Small Animal imaging system	1	500
4.	Cell sorter	1	300
5.	DNA sequencer (sanger)	1	300
6.	Spinning disk confocal	1	300
7.	Milli Q water systems	5	90
8.	Floor model High speed centrifuges	3	100
9.	Analytical Ultra Centrifuge	1	100
10.	-80 Freezers	10	70
11.	RT PCR for LaCONES& CRF	2	55
12.	CD machine	1	150
13.	Integrated Inverted Fluorescence Microscope for AMIF	1	40
14.	Liquid Nitrogen plant	1	375
15.	100KVAUPS system-2	1	60
16.	-20/-30freezer(7Nos)	1	7
17.	Accessories for Q Exactive massspectrometer	1	5
18.	Adapterbuckets(50ml and15mltarson tubes)	1	1.85
19.	Agarose gel electrophoresis setup (withpower pack)	1	2
20.	All-In-One Microvolume and CuvetteAbsorbancewithFluorescenceDesignspectrometer	1	12
21.	Autosampler cooling compartment Spare for theexistingEasynLC- 1200(Thermo)	1	25
22.	Auto-tissuesampleprocessor	1	20
23.	BalanceToploading	1	1
24.	Bathsonicator	1	1.5
25.	Bead bath	1	3
26.	Benchtoprefrigeratedcentrifuge	1	6
27.	BinocularStereoMicroscope(3nos.)	1	5
28.	Blottingapparatus	1	0.25
29.	Bone/hardTissuehomogenizer-MILLMIX 20	1	10
30.	Cell counter (CellDrop™ Automated CellCounters);	1	10
31.	Cellculturehoodx2	2	8
32.	Celldensitymeter	1	2
33.	Centrifugewith96wellblock	1	17
34.	Chemicalhood	1	5
35.	CO2incubatorforadherent cultures	1	6
36.	Coldcabinetlarge	1	2.5
37.	ColdChamber(-30°C)	1	4

38.	Combo plate reader and UV-visible-Near IRwavelengthrangespectrophotometer,with dedicated cuvette port, micro-litre volumeanalyser	1	12
39.	Cryogenictankforcellandembryoofreezing(Imported)	1	5
40.	Desktopcentrifuge	1	3
41.	Desktopcentrifugewithadapter	1	4
42.	Desktopcomputers	10	7
43.	Desktoprefrigeratedcentrifuge	1	5
44.	Desktopworkstation	2	2
45.	Digitalcamera/memorycard	1	0.5
46.	DoubleStagePressureRegulatorformixedgascylinder	1	0.2
47.	DrosophilaGrowthchamber	2	12
48.	Dryblockheaters	2	0.8
49.	Dry Shipper (Liquid Nitrogen Container) Vol:25-30L[Transportationtype]	1	1
50.	ELISAPlate Reader	1	7
51.	FESC system HPLC system with twofluorescencedetectors,degasser	1	45
52.	Fineweighingbalance	2	2
53.	FireAlarm	1	10
54.	Flakeicemakingmachine	3	5
55.	Fluorescence stereo microscope withattachmentsandsoftwareforimaging	2	70
56.	GelRocker	4	4
57.	Homogenizers /Frenchpress	1	0.5
58.	Horizontal Electrophoresis gel tanks, traysand combs	1	0.8
59.	Hotairovens	6	6
60.	Icemachines	6	30
61.	IncubatingMicro-platesgate	1	3
62.	IncubatorShakerwithPlateholder	1	10
63.	Inverted fluorescent microscope (non-motorized)	1	25
64.	Invertedmicroscope	1	5
65.	Inverted phase contrast microscope with 10x,20x, 40x phase.Objectives & digital camerawithsoftware& computer	1	10
66.	IPA Analysis Match Explorer - LNUL 100Datasetssubscription(SingleUser)	1	7.1
67.	Laminar airflowchamber withHEPAfilters	1	1
68.	Laminar FlowHoods	1	8
69.	Laminar hood	1	6
70.	Large Volumecentrifugewiththreerotors	1	13
71.	Liposome preparation mini extruderalongwithitsaccessories	1	1
72.	Liquidnitrogendewars(35-50L)	1	4
73.	magneticstandsformicrofugetubes	1	0.2
74.	Magneticstirrerandheater	1	0.4
75.	Magneticstirrers	3	3
76.	Mammalian3-stackincubatorshaker;	1	60
77.	Mammalianincubator shaker(small)	2	7
78.	Mechanical shaker for 96 well blocks andadapter	1	1
79.	Microbalance	1	5
80.	Micro-centrifuge	1	12

81.	Microfuges	1	0.6
82.	Micro-litre volume analyser and plate reader	1	10
83.	Minicentrifuge	1	3.5
84.	Minispin	1	1.5
85.	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	1
86.	Mini vortex : Adapters for 96 well plate and 2.5ml tubes and 3mm popup cup for vortexing the tube	1	0.25
87.	Mounted Cryo-loops (different sizes)	1	1.5
88.	Multichannel pipette-Eppendorf	1	0.75
89.	Multi-channel pipettor	1	1
90.	Multimode Microplate reader	1	15
91.	Single beam UV/Vis spectrophotometers	2	20
92.	Network Devices – Switches, wireless routers, routers, fiber modules	1	25
93.	Neutating mixer	1	0.3
94.	PCR machine	1	5
95.	PCRs (one gradient)	2	10
96.	Peristaltic pump	1	3
97.	pH meter –	3	3
98.	Pipetman Set	7	11.2
99.	Pipette sets	1	2
100.	qRT PCR	1	26
101.	Rack server	1	2
102.	Refrigerated centrifuge	1	7
103.	Refrigerated Centrifuge	3	15
104.	Refrigerated centrifuge with interchangeable fixed angle and swinging bucket rotors for variable sample volumes	1	13
105.	Refrigerated incubator shaker	1	13
106.	Refrigerated shaking incubator with provision for removable trays for incubating plates. Tabletop model;	1	10
107.	Refrigerated, bench-top centrifuge with interchangeable fixed angle and swinging bucket rotors for variable sample volumes, along with adapters and other accessories	1	13
108.	Refrigerator	2	0.6
109.	Rotospin	2	0.6
110.	SDS- Vertical gel electrophoresis unit with power supply	1	2
111.	SDS-PAGE setup (with power pack)	1	2
112.	Self-pressurizing Liquid N ₂ Dewar	1	12
113.	Single channel UV visible spectrophotometer for nano samples	1	10
114.	Sonicator	1	2
115.	Surveillance Camera	1	5
116.	Tabletop Centrifuge	2	8
117.	Table top centrifuge Refrigerated with 1.5 ml rotor	2	10
118.	Tabletop hot air oven (18x18 inch)	2	0.55
119.	Telephone instruments and cables	1	1.25
120.	Temperature controlled incubator	1	5
121.	Thermal cycler-dual block	1	0.5

122.	Thermomixer	2	6
123.	TissueHomogenizer(beadbeater)	1	10
124.	Transilluminators/UVandvisiblerange	1	3
125.	Trinocular Stereo Microscope withFluorescenceBrightfieldimaging,movablestage,high- resolutionin-depthimaging systemwithCamera	1	30
126.	Ultrasonicprobesonicator	1	8
127.	Vacuumcentrifuge(temperaturecontrolled)	1	10
128.	Vacuummanifold	1	2
129.	Vortex	1	0.2
130.	Vortex	1	0.3
131.	Vortexmixer	1	1
132.	vortexwith3-inchplatform	1	0.2
133.	Waterbath	1	1.5
134.	Weighing balance(4decimalplaces)	1	1.5
135.	WesternBlotApparatus	1	3
136.	Wirelessaccesspoints,controllers, switches	1	5
137.	Workstation(Linux-based)	1	2
138.	DriedBloodSpot(DBS)puncher	1	13
139.	Automatedelectrophoresissystem	1	20
140.	DigitalPCRsystem	1	75
141.	MicroCT	1	700
142.	FPLCsystem	1	40
143.	Microwave fixation unit	1	50
144.	Plant Growth Chamber	1	17

23.B (b)		24.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.)	2800
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.)	1600
4	Glass wares (ex- name the different glass wares)	200
5	Plastic wares (ex- Name the different plastic wares)	1200
6	Toner Cartridges.	200
7	Batteries, etc.	80
8	Gases (ex- tentative names)	80
9	Maintenance/AMC/repairing of existing equipment	600
Sr. No.	Category	Expected Procurement Value (Rs. In Lakhs)
10	Stationery items (ex- name a few)	120
11	IT / software-related Items (Name the items required during year)	400
12	Furniture (Name the items required during year)	300
13	Electric Items (Name the items required during year)	80

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.