

CSIR – CCMB, HYDERABAD

Annual Procurement Plan

2022 – 23 to 2026 - 27

S.No.	Name of Item / Equipment
1.	SEC-MALS (Size exclusion with multi angle light scattering)
2.	Cell Disruptor and Emulsifier
3.	High pressure freezer for tissues and eukaryotic cells
4.	Data processor/storage with 8 GPUs * 4 numbers
5.	Holder unit for 120 KV system with temp control
6.	Cryo FIB milling for sectioning and tomography
7.	Imager for crystals both UV and visible light
8.	GTE#29 high end operating microscope
9.	Bruker Skyscan 1272 MiCroCT Scanner
10.	-70 freezers. – 10 Nos.
11.	Centrifuges 10 Nos.
12.	Microscopes of different specifications.
13.	Workstations / Servers
14.	Veterinary Biochemistry Analyser
15.	Stackable Incubator Shaker
16.	Consumables for Next Generation Sequencing

17.	Consumables for CryoEM facility
18.	Consumables for BSL3 facility
19.	Plasticware for the Institutes
20.	Consumables for Cell culture facility
21.	Consumables for Mass spectrometry facility
22.	Consumables for Biophysical Instrumentation facility
23.	Consumables for Imaging facility
24.	Consumables for Zebra Fish Facility
25.	Consumables for Animal House facility
26.	Consumables for X-Ray Crystallography Facility
27.	Consumables for Fly facility
28.	Consumables for Green House and Plant Culture facility
29.	Consumables for FACS facility
30.	Consumables for Wild life Diagnostics and Diagnostics work
31.	Consumables for Fine Biochemical Facility
32.	Laser Printer Cartridges
33.	Stationery items
34.	Cleaning items
35.	Hardware items
36.	Medicines for dispensary

Annexure I

S.No.	NAME OF EQUIPMENT	ESTIMATED COST (IN LAKHS)	IMPORTED / INDIGENOUS
1	(Bio Rad or similar)		
2	1.5 Ton High Wall Split AC 5 Star – 2 Nos	1	Indigenous
3	100 KVA UPS system-2	60	Indigenous
4	-20 freezer	1	Imported
5	-20/-30 freezer (7Nos)	7	Indigenous
6	96 well magnetic stand	0.5	Indigenous
7	A4 size flat bed Scanner	0.15	Indigenous
8	Accessories for Q Exactive mass spectrometer	5	Imported
9	Adapter buckets (50ml and 15ml tarson tubes)	1.85	Imported
10	Agarose gel electrophoresis setup (with power pack)	2	Indigenous
11	All-In-One Microvolume and Cuvette Absorbance with Fluorescence Design spec	12	Imported
12	Autosampler cooling compartment Spare of the existing Easy nLC-1200 (Thermo) and	25	Imported
13	Auto-tissue sample processor	20	Imported
14	Balance Top loading	1	Indigenous
15	Bath sonicator	1.5	Imported/ Indigenous
16	Bath sonicator	7	Imported/ Indigenous
17	Bead bath	3	Imported
18	Benchtop refrigerated centrifuge	3	Imported
19	Binocular Stereo Microscope (3 nos.)	2.25	Imported
20	Blotting apparatus	0.25	Imported
21	Bone/hard Tissue homogenizer -MILLMIX 20	10	Imported/ Indigenous
22	CCTV	5	Imported
23	Cell counter (CellDrop™ Automated Cell Counters);	10	Imported
24	Cell culture hood x 2	8	Indigenous
25	Cell density meter	2	Imported
26	Centrifuge with 96 well block	16.94	Imported
27	Chemical hood	5	Indigenous
28	CO2 incubator for adherent cultures	6	Imported/ Indigenous
29	Cold cabinet large	2.5	Indigenous
30	Cold Chamber (-30°C)	4	Indigenous
31	Color Printers (2 Nos)	1	Imported/ Indigenous

S.No.	NAME OF EQUIPMENT	ESTIMATED COST	IMPORTED / INDIGENOUS
32	Combo plate reader and UV-visible-Near IR wavelength range spectrophotometer, with dedicated cuvette port, microlitre volume analyser	12	Imported
33	Control Card [CPU] Screen	1.2	Imported
34	Cooled autosampler		
35	Cryogenic tank for cell and embryo freezing (Imported)	5	Imported
36	Data System computer (for proteomic data analysis)	12	Imported
37	Desktop centrifuge	3	Imported
38	Desktop centrifuge with adapter	4	Imported
39	Desktop computer and Printer	1.5	
40	Desktop computers (5 Nos.) plus 1 iMac	1.5	Imported/ Indigenous
41	Desktop refrigerated centrifuge	5	Imported
42	Desktop work station- 2 units	1.5	Imported/ Indigenous
43	Digital camera with software and trinocular tube for existing Olympus cx43 microscope	5	Imported
44	Digital camera/memory card	0.2	Indigenous
45	Double Stage Pressure Regulator for mixed gas cylinder	0.2	Indigenous
46	Drosophila Growth chamber (2 nos.)	12	Imported
47	Dry block heaters (2 Nos.)	0.8	Imported/ Indigenous
48	Dry Shipper (Liquid Nitrogen Container) Vol: 25-30L [Transportation type]	1	Indigenous
49	ELISA Plate Reader	7	Imported
50	FESC system (HPLC system with two fluorescence detectors, degasser,	45	Imported
51	Fine weighing balance	2	Imported
52	Fire Alarm	10	Imported
53	Flake ice making machine	5	Indigenous
54	Fluorescence stereo microscope with attachments and software for imaging	32	Imported
55	Fluorescence Stereo Microscope with high resolution cooled camera and software	25	Imported
56	FPLC system	40	Imported
57	Gel Rocker (4 Nos)	4	Imported/ Indigenous
58	Gyrotwister		
59	High speed floor model refrigerated centrifuge with rotors	30	Imported
60	Homegenizers/French press	0.5	Imported

S.No.	NAME OF EQUIPMENT	ESTIMATED COST	IMPORTED / INDIGENOUS
61	Horizontal Electrophoresis gel tanks, trays and combs	0.8	Indigenous
62	Hot air ovens (6 Nos.)	6	Indigenous
63	Ice machines (6 Nos.)	30	Indigenous
64	Icemaker	5	Indigenous
65	Incubating Micro-plate sgate	3	Indigenous
66	Incubator Shaker with Plate holder	10	Imported/ Indigenous
67	Inverted fluorescent microscope (non-motorized)	25	Imported
68	Inverted microscope	10	Imported
69	Inverted phase contrast microscope with 10x, 20x, 40x phase. Objectives & digital camera with software & computer	6	Imported
70	Inverter		
71	Laminar air flow chamber with HEPA filters	1	Indigenous
72	Laminar Flow Hoods	8	Indigenous
73	Laminar hood	6	Imported/ Indigenous
74	Large Volume centrifuge with three rotors	13	Imported
75	Licenses	7.5	Imported
76	Liposome preparation mini extruder alongwith its accessories	1	Imported
77	Liquid nitrogen dewars (35-50 L)	4	Imported/ Indigenous
78	magnetic stands for microfuge tubes	0.2	Indigenous
79	Magnetic stirrer and heater	0.4	Indigenous
80	Magnetic stirrers (3 nos.)	3	Indigenous
81	Mammalian 3-stack incubator shaker;	60	Imported/ Indigenous
82	Mammalian incubator shaker (small) X 2	7	Imported
83	Mechanical shaker for 96 well blocks and adapter	1	Imported/ Indigenous
84	Micro balance	12	Imported
85	Microcentrifuge	12	Imported
86	Microfuges	0.6	Imported/ Indigenous
87	Microlitre volume analyzer and plate reader	10	Imported
88	Mini centrifuge	3.5	Imported/ Indigenous
89	Mini spin	1.5	Imported/ Indigenous
90	Mini Spin-1.5ml X 12 well slot: adapters for 0.5ml and 0.2ml [one set each] speed 6000 rpm or more, voltage 230/50hz, AC-1 No.	1	Indigenous
91	Mini vortex : Adapters for 96 well plate and 2.5ml tubes and 3mm popup cup for vortexing the tube	0.25	Indigenous

S.No.	NAME OF EQUIPMENT	ESTIMATED COST	IMPORTED / INDIGENOUS
92	Mounted Cryoloops (different sizes)	1.5	
93	Multichannel pipette- Eppendorf	0.75	Imported/ Indigenous
94	Multi-channel pipettor	1	Imported/ Indigenous
95	Multimode Microplate reader	15	Indigenous
96	Nanodrop (2 Nos.)	20	Imported
97	Network Devices – Switches, wireless routers, routers, fiber modules	25	Imported
98	Neutating mixer	0.3	Imported/ Indigenous
99	other spares and Installation of micro pillar array column		
100	PC	1	Imported/ Indigenous
101	PCR machine	5	Locally available
102	PCRs (one gradient) – (2 Nos)	8	Imported/ Indigenous
103	Peristaltic pump	3	Imported
104	pH meter – (3 Nos)	3	Indigenous
105	Pipet man Set – (7 Nos)	11.2	Imported/ Indigenous
106	Pipette sets	2	Imported/ Indigenous
107	qRT PCR	18	Imported
108	Rack server	2	Imported
109	Refrigerated centrifuge	7	Locally available
110	Refrigerated Centrifuge (2 nos.)	13	Imported
111	Refrigerated centrifuge with interchangeable fixed angle and swinging bucket rotors for variable sample volumes	13	Imported
112	Refrigerated incubator shaker	13	Imported/ Indigenous
113	Refrigerated shaking incubator with provision for removable trays for incubating plates. Table top model; Spectral scanning unit for UV-visible-Near IR wavelength range, with dedicated cuvette port	10	Imported/ Indigenous
114	Refrigerated, bench-top centrifuge with interchangeable fixed angle and swinging bucket rotors for variable sample volumes, along with adapters and other accessories	13	Imported
115	Refrigerator (2)	0.6	Imported/ Indigenous
116	Rotospin (2)	0.6	Imported
117	Sanger sequencer	150	Imported
118	SDS - Vertical gel electrophoresis unit with power supply	2	Indigenous
119	SDS-PAGE setup (with power pack)	2	Indigenous
120	Self-pressurizing Liquid N2 Dewar	12	Imported

S.No.	NAME OF EQUIPMENT	ESTIMATED COST	IMPORTED / INDIGENOUS
121	Single channel UV visible spectrophotometer for nanosamples	10	Imported
122	Sonicator	2	Imported/ Indigenous
123	stereomicroscope + camera	7	Imported
124	Surgery hood with Hanging heap filters (Made in India)	7	Indigenous
125	Surveillance Camera	5	Imported
126	Table top Centrifuge x 2	8	Indigenous
127	Table top centrifuge Refrigerated with 1.5 ml rotor (3Nos)	10	Imported
128	Table top hot air oven (18 x 18 inch) 2 units	0.55	Indigenous
129	Tangential flow filtration for concentration		Imported
130	Telephone instruments and cables	1.25	Indigenous
131	Temperature controlled incubator	3	Indigenous
132	Thermal cycler -dual block	0.5	Imported/ Indigenous
133	Thermomixer (2 Nos.)	6	Imported
134	Trans illuminators/ UV and visible range	3	Imported/ Indigenous
135	Trinocular Stereo Microscope	6.25	Imported
136	Trinocular Stereo Microscope with Fluorescence Bright field imaging, movable stage, high- resolution in-depth imaging system with Camera	22	Imported
137	Ultrasonic probe sonicator	3	Imported/ Indigenous
138	Vacuum centrifuge (temperature controlled)	10	Imported
139	Vacuum manifold	2	Indigenous
140	Vortex	0.2	Indigenous
141	Vortex	0.3	Indigenous
142	Vortex mixer	1	Indigenous
143	vortex with 3-inch platform	0.2	Indigenous
144	Water bath	1	Indigenous
145	Water purifications systems-2 nos.	30	Imported
146	Weighing balance	2.25	Indigenous
147	Weighing balance (4 decimal places)- 1 unit	1.5	Indigenous
148	Western Blot Apparatus	3	Imported
149	Wireless access points, controllers, switches	5	Imported
150	Workstation (Linux-based)	2	Imported/ Indigenous
