

CSIR-Central Drug Research Institute

PROCUREMENT PLAN*

Updated on 27 February 2026

A	FOR THE FINANCIAL YEAR 2026-27
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A (a)	EQUIPMENT
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(i)	Equipment: Infra Budget
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Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1.	Mass Spectrometry for Proteomics	1	1300.00
2.	LCMS	1	450.00
3.	Liquid Nitrogen plant	1	450.00
4.	Complete revamping of Wireless network	1	200.00
5.	Lyophilizer	1	150.00
6.	HPLC	2	120.00
7.	LC-MS/MS	1	110.00
8.	Inhalation exposure chamber (Aerosol machine) with accessories	1	85.00
9.	Combiflash (Normal & Reverse phase purifications)	1	80.00
10.	NMR Workstation (Windows) configured for AVANCE NMR spectrometer with 24"LCD TFT Monitor And 60 positions Auto sampler with spinner (SampleCase Plus (SC60)	1	80.00
11.	Upright microscope with 100X magnification, with epifluorescence attachment	1	65.00
12.	Micromanipulator	1	62.00
13.	Specialized Refrigerator for CBRS	6	48.00
14.	Autoclave for parenteral product development	1	45.00
15.	Rotary evaporator with vacuum pump and chiller	5	45.00
16.	Rotary evaporator (20 liters) with pump and chiller	1	45.00
17.	Non-Invasive Blood Pressure Measurement system	1	40.00
18.	Deep freezer -80	4	36.00
19.	Cryostat	1	35.00
20.	High Speed Centrifuge.	1	30.00

21.	Multi-mode plate reader with accessories Multimode Reader with - UV-V1S Absorbance, Fluorescence and luminescence	1	30.00
22.	Open-field Locomotor box with latest software	4	30.00
23.	Refrigerated shaker incubators	1	25.00
24.	Microwave Digestor	1	22.00
25.	Hydrogen apparatus with explosion proof motor and switch with heater and controller (High Priority 2026-2027)	1	20.00
26.	Inverted microscope	1	20.00
27.	MS Windows Server latest version(20)	1	20.00
28.	Refrigerated bacterial incubators with shelf space for 1000 petri-plates	1	20.00
29.	Roller bottle apparatus with incubator	1	20.00
30.	Storage expansion SSD & HDD (100TB)	1	20.00
31.	CO2 incubator	2	18.00
32.	CO2 Shaker Incubator	1	18.00
33.	Rota –rod	1	17.00
34.	Coagulation factor analyser/ euthanasia chamber	1	15.00
35.	High-speed centrifuge with biosafety accessories Rotors: Fixed angle rotor: 24x2.0ml, Swing out Rotor and adapters for 15ml, 50ml and 250 ml tubes.	1	15.00
36.	QPCR	1	15.00
37.	Real Time PCR machine	1	15.00
38.	High speed refrigerated centrifuge	1	12.00
39.	IVC Cages (for GLP studies)	1	12.00
40.	Glow Discharge Unit	1	11.00
41.	GPU Server	1	10.00
42.	High Speed Cooling Centrifuge	1	10.00
43.	Minus 80 degree	1	10.00
44.	Miscellaneous minor equipment (4°C refrigerators, vortexes, non-refrigerated centrifuges, dry block heaters, orbital shakers, weighing balances etc.)	1	10.00
45.	Non-refrigerated bacterial incubators with shelf space for 1000 petri-plates	1	10.00
46.	Side-by-side diffusion cell	1	10.00
47.	Research Grade Upright Trinocular Microscope	1	9.14
48.	Refrigerated Centrifuge 15 mL	1	9.00
49.	-78 C Low temperature reaction bath	1	8.00
50.	-20 freezer	4	8.00
51.	Hot plate analgesia system	1	7.50
52.	Weighing Balance	5	7.50
53.	MS SQL Server latest version(6)	1	7.00

54.	Refrigerated Centrifuge	1	7.00
55.	37 warmer for surgery	1	6.00
56.	Bath Sonicator	3	6.00
57.	Projector	1	6.00
58.	Core-body temperature multiplexor	1	5.50
59.	Muffle Furnace	1	5.50
60.	3D Printer	1	5.00
61.	Amplifier	2	5.00
62.	Distilled water unit	1	5.00
63.	GPU Workstation	1	5.00
64.	Magnetic Stirrer with Hot Plate	26	5.00
65.	Mic's	10	5.00
66.	Recirculating chiller (-10 °C)	5	5.00
67.	SAN Switch(1)	1	5.00
68.	Semi-microbalance	1	5.00
69.	Shaking Incubator (bacteriological)	1	5.00
70.	Thermomixer	1	5.00
71.	Tissue Homogenizer	2	5.00
72.	Weighing Balance 5 digit	1	5.00
73.	Fixed angle high capacity rotor for centrifuge	1	4.75
74.	Bulk and Tapped Density Apparatus	1	4.00
75.	Desktop PC(3)	5	4.00
76.	Multi-position magnetic stirrer	1	3.50
77.	Swing Out Rotor 4 Places Max. Speed: 4,000 rpm Max RCF: 2,987 x g of Refrigerated High Speed Centrifuges Model Z Z36HK Sr. No. 58160027 (Make-HermleLaborotechnik GmbH, Germany).	1	3.50
78.	UPS-10 Kva	1	3.40
79.	Cooling/Circulating water bath	1	3.00
80.	Desiccator cabinet for GLP-TICO	1	3.00
81.	Inverted Microscope	1	3.00
82.	Low Speed Centrifuge (for GLP studies)	1	3.00
83.	Vacuum Oven	1	3.00
84.	Heavy Duty Weighing balance	1	2.50
85.	Hot air oven	5	2.50
86.	Sieve Shaker	1	2.50
87.	Solvent Cabinet	1	2.50
88.	Transfer apparatus with power pack with accessories	1	2.50
89.	Column Washing Pump	1	2.00
90.	File Cabinets/ Storage Almirah (05)	1	2.00
91.	Note book PC	2	2.00

92.	Outdoor PA Speaker	2	2.00
93.	pH/ Conductivity meter	1	2.00
94.	Quartz water double distillation system	1	2.00
95.	Shaking water bath	1	2.00
96.	Work Station	1	2.00
97.	Multi-tube vortexer	1	1.85
98.	0–10-degree upright refrigerator	1	1.50
99.	Analytical Weighing Balance	1	1.50
100.	Benchtop pH & conductivity meter	1	1.50
101.	High-speed Microcentrifuge	1	1.50
102.	Precision Balance	1	1.50
103.	Syringe pump	1	1.50
104.	UV Transilluminator with camera	1	1.50
105.	Micro centrifuge	1	1.30
106.	BOD Incubator	1	1.20
107.	Heavy duty Photocopier machine	1	1.20
108.	Horizontal deep freezer -20	1	1.00
109.	Liq N2 container	1	1.00
110.	Benchtop Centrifuge(refrigerated)	1	0.90
111.	Dehumidifier	2	0.80
112.	4 °C Refrigerator	6	0.75
113.	pH meter with accessories	1	0.75
114.	Rotary Mixer	1	0.75
115.	Magnetic stirrer (compatible to 40C)	1	0.70
116.	Electrophoresis running system with accessories	1	0.65
117.	4 TB SSD External Hard Disk	2	0.50
118.	De-Soldering Station	1	0.50
119.	Document Shredder 2	1	0.50
120.	Printer	1	0.50
121.	Soldering Station	1	0.50
122.	Vortex Shaker	1	0.40
123.	Liq N2 container	5	0.30
124.	Double-stage CO2 regulators	2	0.20
125.	Vortex Mixer and shaker	1	0.17
126.	Hair Dryer	1	0.05
127.	Euthanasia Chamber (for GLP studies)	1	0.00

(iv) 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.	Automated DNA/RNA oligonucleotide synthesizer	1	CLP9004	40.00
2.	UV Transilluminator	1	CLP9004	1.00
3.	Gel Electrophoresis and minor lab equipment	1	CLP9004	2.00
4.	Ultra-high-performance liquid chromatography-high-resolution mass spectrometer (LC-MS system) with accessories	1	GAP0003	600.00
5.	Bench Top Shaker Incubator	1	GAP0428	9.40
6.	Biophotometer Plus	1	GAP0428	
7.	Spectrophotometer	1	GAP0428	
8.	CO2 Incubator	1	GAP0428	
9.	Protein Gel Running Apparatus	1	GAP0428	
10.	Refrigerated Micro-centrifuge	1	GAP0428	
11.	Heating magnetic Stirrer-2	2	GAP0460	18.00
12.	Recirculating chiller-1	1	GAP0460	
13.	Gas chromatography-1	1	GAP0460	
14.	Refrigerator-1	1	GAP0460	
15.	Desktop and printer-1	1	GAP0460	
16.	Power pack for western blotting (X2)@80000 each	1	GAP0463	16.60
17.	Inverted fluorescent microscope with Z stacking	1	GAP0463	
18.	Vacuu-brand vacuum pump with controller-1	1	GAP0465	19.90
19.	Recirculating chiller-1	1	GAP0465	
20.	Rotary evaporator full set-1	1	GAP0465	
21.	Refrigerator-1	1	GAP0465	
22.	Laboratory Electric oven-1	1	GAP0465	
23.	Biosafety Cabinet (BSL2)	1	GAP0477	100.00
24.	Shaker incubator	1	GAP0477	
25.	Fluorescence microscope	1	GAP0477	
26.	Rotaevapor, chiller, stirrer, fridge, Autoclave, inverted light microscope with 10X and 20X objectives and	1	GAP0485	13.00

Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)
	camera. NIS-elements D software for existing Nikon fluorescent microscope			
27.	Ice flaking machine	1	GAP0487	2.00
28.	-20 degrees deep freezer	1	GAP0487	1.15
29.	Camera along with computer for Inverted Microscope	1	GAP0487	1.85
30.	Refrigerated centrifuge with rotors	1	GAP0487	10.00
31.	Bio safety Cabinet (BSL-2), Shaker incubator, Fluorescent Microscope	1	GAP0490	100.00
32.	Rotary evaporator	1	GAP0491	4.00
33.	Recirculating Chiller	1	GAP0491	1.99
34.	Dry Bath Incubator (Double Block)	1	GAP0491	0.75
35.	Centrifugal Vacuum Concentrator	1	GAP0500	13.70
36.	Centrifugal Partitioning Chromatography with Preparative LC System and MS interface	1	GAP0500	180.26
37.	Flash Chromatography System with an integrated TLC image reader	1	GAP0500	17.00
38.	GPU Server	1	GAP0500	12.80
39.	Server for hosting of research data	1	GAP0500	12.50
40.	Desktops (3 No)	3	GAP0500	2.08
41.	Refrigerated vacuum concentrator	1	GAP0493	20.00
42.	Miscellaneous minor instruments (micro centrifuge, shakers, balance, magnetic stirrer, pH meter, Computers, printers, projectors)	1		
43.	Inverted fluorescence microscopy	1	GAP0496	25.00
44.	Co2 Incubator Shaker	1	GAP0446	18.00
45.	Refrigerated Centrifuge	1	GAP0497	8.00
46.	Ultrapure water purification system	1	GAP0497	
47.	Ultra-Low Temperature Freezer or -80 Deep freezer	1	GAP0498	15.00
48.	EPOCH II	1	GAP0498	

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 1. NMR 2. Mass 3. Electron Microscopy 4. X Ray 5. Biacore	150.00		50.00	200.00
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	300.00	300.00	800.00	1400.00
3	Other Consumables (ex- Animal Feed, 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, Protease Chemical library, FDA-approved drug library, microneedle mold, etc.)	510.00	300.00	877.00	1687.00
4	Glass wares (ex- name the different glass wares)	100.00	100.00	200.00	400.00
5	Plastic wares (ex- Name the different plastic wares)	100.00	100.00	200.00	400.00
6	Toner Cartridges.	40.00		2.00	42.00
7	Batteries, etc.	30.00			30.00
8	Gases (ex- tentative names)	30.00		2.00	32.00
9	Maintenance/AMC/repairing of existing equipment	200.00	50.00	15.00	265.00

10	Stationery items (ex- name a few)	45.00	5.00	5.00	55.00
11	IT / software-related Items: Schrodinger Software for Molecular Modelling, CRESSET software, etc			16.00	16.00
12	Furniture (Name the items required during year)	25.00			25.00
13	C57BL/6NCya-HVCN1/Em1 knockout mouse		12.00		12.00
14	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.