

[CSIR-AMPRI, Bhopal]  
PROCUREMENT PLAN\*

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

A	FOR THE FINANCIAL YEAR 2026-27
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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	Thermal Evaporation System	1	25
2	Inductively Coupled Plasma Optical Emission Spectroscopy	1	92
3	UV colour printer & Cutting Plotter machine	1	13
4	Automatic Hydrogen Storage material analyzer	1	200
5	Impedance tube system with accessories	1	100
6	Fabrication of a Structure for stirrer motor positioning during foam making	1	15
7	Multichannel Potentiostat-Galvanostat with SERS Accessories	1	120
8	Bench Top Excitation Energy -Dispersive X-Ray Fluorescence Spectrometer (ED-XRF)	1	150
9	Gantry based 3D Concrete Printer	1	55
10	Fully Automated Chemisorption Analyzer	1	172
11	High resolution physisorption Analyzer	1	150
12	COMSOL Multiphysics Software	1	10
13	Total Organic Carbon Analyzer	1	45
14	Network system , Network switches etc	1	7
15	Thermocole software with modules and databases	1	100
16	Fully Automatic Fibre analyzer with Hot & Cold extraction unit	1	40
17	Vector Network Analyzer	1	13

18	High Score plus software	1	18
19	Fume Hood	1	10
20	Muffle Furnace	1	4
21	Multi-GPU server with rack and enabled modes	1	165
22	Probe station	1	20
23	Dual channel source meter	1	20
24	Ion Chromatography System	1	170
25	GPU Workstation (Blackwell architecture)	1	33
26	Customised furnace with electrolysis set up	1	10
27	Hot pressing machine	1	05
28	Coin cell crimping machine	1	05
29	Ultrasonic atomizer setup for fabrication of thin film coatings	1	12
30	Ultrasonic processor (Probe-type sonicator) with different types of probes, stand and other accessories	1	15
31	Ball milling with tungsten carbide bowl and balls with inert gas atmosphere lids	1	25
32	Sound and vibration analyser with accelerometer and calibrator	1	25
33	Building acoustic system with accessories	1	100
34	Mass spectrometer-integrable with TGA-DSC system	1	130
35	ABAQUS Software	1	30

(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	Multiplex analyzer with flow analysis accessories	1	CSIR-FTT	30.00
2	Lateral flow assembly with accessories	1	CSIR-FTT	20.00
3	Desktop Computer	10	CSIR Skill	08.00
4	Color Multifunction Printer	4	CSIR Skill	02.00

(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	Electrochemical Analyzer	1	ICMR	11.00
2	3D Printer with SLA & FDM Printing mode	1	ICMR	13.70
3	Plasma chamber	1	ICMR	1.50
4	Multi-channel Potentiostat /Galvanostat/Impedance Analyzer	1	DST	45.00
5	FDM 3D printer & accessories	1	DST	10.00
6	Flat panel X-ray detector-integrable with X-ray attenuation testing facility: 50 lakhs (GAP 0153)	1	GAP0153	50.00
7	Refractometer with sample presser	1	GAP0153	12.00

<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, Components for Demo Make In India Raman spectrometer)	47			
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	10			
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, Meta powders Ti alloys and CM247etc.)	95			
4	Glass wares (ex- name the different glass wares)	10			
5	Plastic wares (ex- Name the different plastic wares)	10			
6	Toner Cartridges.	10			
7	Batteries, etc.	10			
8	Gases (ex- tentative names)	10			
9	Maintenance/AMC/repairing of existing equipment	10			
10	Stationery items (ex- name a few)	10			
11	IT / software-related Items (Name the items required during year)	10			
12	Furniture (Name the items required during year)	10			
13	Electric Items (Name the items required during year)	10			

<b>B</b>	<b>FOR NEXT 2-4 FINANCIAL YEARS (2027-30) (From 01/04/2027 to 31/03/2030)</b>
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<b>B (a)</b>	<b>EQUIPMENT</b>
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Sr. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
<b>B (b)</b>	<b>CONSUMABLES</b>		

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.