

CSIR-NATIONAL PHYSICAL LABORATORY
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	Water circulator/Water chiller	1	5.00
2	Oxy Hydrogen Single Torch Welding System	1	5.00
3	Heavy duty anti vibration table	1	5.00
4	Dehumidifier	5	5.00
5	4 inch (DN100) Mass Flow Meter	1	13.00
6	Fourier Transform Infrared (FTIR) Spectrometer for the division	1	18.00
7	Gas dilution system	1	18.00
8	Terbo pump	1	9.00
9	confocal Optical Microscope	1	6.50
10	Assembly for CO2 adsorption for Quantachrome system	1	7.00
11	Magnetic Power Supply	1	5.50
12	Fume Hood	1	10.00
13	Electro Chemical Analyser	1	20.00
14	Network Attached Storage (NAS)	1	6.00
15	CCS-4S Computer Controlled Switch	1	7.00
16	AC/DC standard Resistor standard-10 ohm	1	10.00
17	DC Resistance standard - 1 M ohm	1	7.00
18	Partial Discharge Calibrator	1	13.00
19	Computer Server	1	5.00
20	handheld oscilloscope	1	6.00
21	Laser sources with different wavelength	2	5.00

(ii)	Equipment Less than 5 Lakhs
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Sr. No	Out of CSIR Infra Grant	Out of CSIR Funded Projects	Out of Externally Funded Project (EFP)	Total (Rs. In Lakhs)
1	86.78			86.78

(iii)	Equipment: Out of CSIR Funded Projects
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Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/	Approximate Cost (Rs. In
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	sampling pump along with PM2.5 impactor and Personal Cascade Impactor		
5	FLIR Camera	1	10.00
6	GNSSS reciever with Ionosphere Scintillation Monitor	1	12.00
7	Ozone Transfer Standard (Ozone transfer standard for the calibration of ozone analyzers)	1	15.00
8	Riometer	1	20.00
9	Ceilometer	1	50.00
10	All sky (Airglow) Imager	1	80.00
11	Ionosphere - All Sky Imager	1	100.00
12	SKiYMET (all Sky interferometric METeor) radar	1	100.00
13	GC Mass Spectrometer with gas inlets	1	100.00

B (b)	CONSUMABLES
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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.

