

CSIR-Central Institute of Mining and Fuel Research

Procurement Plan

A	FOR THE FINANCIAL YEAR 2025-26
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A (a)	Equipment
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(i)	Equipment: Out of CSIR Infra Grant (P-50)
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S. No.	Name of equipment/ Vehicle/ Item	Quantity (Nos.)
1.	Android based Biometric Device	2
2.	Air Conditioner	6
3.	Printer, Scanner, Keyboard, UPS, Mouse, Hard Disk Reader, Web Cam	One Each
4.	Book Scanner (Semi-Automatic)	1
5.	Workstation	1
6.	Air Conditioner with Stabiliser	2
7.	Desktop Computer with UPS	1
8.	Scanner	1
9.	5 KVA Inverter and Battery	1
10.	Precise Auto level/ Dumpy level/ Digital level with accessories	1
11.	Air Conditioner with Stabiliser	2
12.	Laptop Computer	1
13.	Workstation	1
14.	Laptop Computer	1
15.	400 A ATS with Enclosure	1
16.	Portable Delay Timer	1
17.	Fume Hood/Fume Chamber	1
18.	Magnetic Stirrers with Heating Multiple position	1
19.	Air Conditioner	2
20.	Vacuum Pump	1
21.	CPU of Desktop Computer	1
22.	Electronic balance	1
23.	Hot air oven	1
24.	Electric Water Heater - Geyser	5
25.	High wall split Air Conditioner 1.5 TON and Stabilizer	5
26.	Online UPS 5.0 KVA	1
27.	Manage Network Switch	7
28.	Professional Large format Display	3
29.	Online 6.0 KVA Backup time 60 Minutes including Trolley for battery bank	1

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15.10.2025

30.	Desktop Computer & Multifunction Machine	01 & 01
31.	Video Conferencing System	1
32.	Scanner	2
33.	Laptop Computer	1
34.	High Wall Split AC 1.5 Ton & Voltage Stabilizer	2
35.	5 KVA Online UPS	1
36.	Display Unit & Interactive Panel with CPU	01 & 01
37.	Direct Shear Apparatus	1
38.	AutoCAD Software	1
39.	Robotic Total Station with associated accessories and software	1
40.	High Precision Immersion Cooler.	1
41.	Stirrer with Hot Plate and Accessories	1
42.	Workstation	1
43.	High Sensitivity UV-VIS Spectrophotometer	1
44.	Automated Flash and Prep Chromatography system UV-Vis	1
45.	Flow Reactor and accessories	1
46.	Benchtop-NMR Spectrophotometer and accessories flow cell	1
47.	Fume Hoods, Gas Unit, Island Table, UPS, HVAC, Electrical and accessories.	1
48.	Contact Angle Optical Tensiometer	1
49.	1700 C Single zone non split Tube furnace	1
50.	Bench Top Ultrapure Water Purification system with remote dispenser, filter and cartridges.	1
51.	Electrochemical workstation with RRDE	1
52.	Double Beam Spectrophotometer	1
53.	Automatic Coating Machine	1
54.	Flash Joule Heating System	1
55.	Simultaneous DSC-TGA	1
56.	High Vacuum Gas Sorption Analyzer	1
57.	Automatic Bomb Calorimeter	1
58.	Multi Stage Crushing & Multi Desk Screening Facility	1
59.	Environmental Chamber	1
60.	Motorized Total Station	1
61.	COMET 3 Reservoir Simulation Software	1
62.	Sorption Induced Strain Measurement System with Access	1
63.	Automatic Petrographic sample preparation and polishing system along with accessories	1
64.	Wire Rope Tester	1
65.	FLAC3D Version (9.0) web license	1
66.	Differential Scanning Calorimeter (DSC) with Accessories	1
67.	Time Domain Electromagnetic System	1
68.	Fork Lift	1
69.	ICP-OES	1
70.	Fluorescent Microscope	1
71.	Multi Mode Reader.	1
72.	Direct Mercury Analyzer	1
73.	Laboratory Centrifuge	1
74.	Solar Simulator	1

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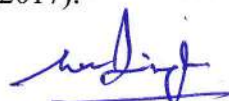

15.10.2025

75.	Artificial Breathing Simulator with Accessories, Software and Hardware	1
76.	In-the hole Velocity of Detonation Monitor	1
77.	Unmanned Aerial Vehicle (Drone Camera)	1
78.	Digital Ultrasonic Flaw Detector	1
79.	Video Conference System	1
80.	ICP-MS	1
81.	Electromagnetic Flow Meter	1
82.	HPLC Column Washing Pump	1
83.	Mass Flow Controller	1
84.	Portable Multi-Gas Analyzer	1
85.	Water Bath	1
86.	COMSOL Multiphysics Software	1
87.	Dry Hot air Oven	1
88.	Hydrothermal Autoclave Reactor	6
89.	Oil Insulation Tester	1
90.	Kinematic Viscosity Meter	1
91.	Magnetic Stirrer cum Hot Plate	5
92.	Furniture Items	As per indent

(ii)	Equipment: Out of CSIR Funded Project
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S. No.	Name of equipment/ Vehicle/ Item	Quantity (Nos.)
1.	Vertical Laminar Air Flow	1
2.	Copper based Methanol synthesis	1
3.	Hydrothermal Autoclave	Multiple
4.	High Performance Tube Furnace	1
5.	Organic Waste Composter Machine Assembly with PLC, HMI, VFD, Shredder, Gear Box, Blower, Heater, MCB, Shaft and Blade etc.	01 Set
6.	Surface area Analyzer (BET)	1
7.	TPR/ TPD/ TPO	1
8.	Electrochemical Instrument	1
9.	Online Gas Chromatography	1
10.	FTIR Spectrophotometer with accessories Software and Hardware	1
11.	Supply, installation and demonstration of UAV system along with its accessories and software.	1
12.	ICP-MS	1
13.	Spectrophotometer	1
14.	Global Navigation Satellite System	1
15.	Zeta Potential Analyzer (ZPA) for solid surface	1
16.	Dry Oven	2
17.	Fume Hood	1
18.	Rotary Evaporator with Vacuum Pump, Controller and Re-Circulating Chiller	1
19.	Vacuum Pump	1
20.	Binary Gradient HPLC System with UV visible Detector	1

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15.10.2025

(iii)	Equipment: Out of Externally Funded Project
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S. No.	Name of equipment/ Vehicle/ Item	Quantity (Nos.)
1.	Desktop Computer with Monitor	4
2.	Laptop Computer	1
3.	Office Chair	10
4.	Table	2
5.	UPS 5 KVA & 1 KVA	01 & 04
6.	Printer	2
7.	Mouse	3
8.	Electrophoresis Unit Set	01 Set
9.	ELISA Plate Reader	1
10.	Kitchen Appliance	Multiple
11.	Inconel 600G CRI/ CSR Reaction Vessel with complete set.	01 Set
12.	48-Channel Seismograph	1
13.	Tri Gas CO ₂ Incubator	1
14.	ICP-OES	1
15.	Advanced ground vibration and Air Overpressure/ Noise Monitoring system with 4 channels having one Tri-axial geophone, one linear microphone and software dongle for event management reporting and advanced analysis module.	1
16.	Digital Point load strength index testing apparatus	1
17.	Bomb Calorimeter	2
18.	Thermogravimetric Analyzer	1
19.	Robotic Total Station with accessories and its software	1

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 is subject to the fund's availability/ release of sufficient grant from CSIR/ funding agency.


 15.10.2025
Controller of Stores and Purchase

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