

[CSIR-NML, Jamshedpur]
PROCUREMENT PLAN*

(*Please read the note given at the end)

A	FOR THE FINANCIAL YEAR 2025-26
A (a)	EQUIPMENT: Out of CSIR Infra Projects

Sr. No.	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1	Spark Emission Spectrometer (OES) for Fe, Cu, Pb & Zn base	1	88
2	X-ray Fluorescence Spectrometer (XRF)	1	175
3	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	1	70
4	Coal Petrography Microscope	1	145
5	Isoperibol Calorimeter (2 Nos)	1	60
6	Magnet Power Supply (Model 643, Lakeshore Cryotronics, Inc. USA)	1	34
7	Computer Controlled Micro Hardness Tester (Brinell / Knoop / Vickers) with licensed software	1	20
8	Humidity Test Chamber	1	25
9	SSRT machine for SCC and corrosion fatigue at high temperature and high pressure water environment	1	250
10	Dense Media Cyclone Test Rig	1	100
11	Solar Panel Delamater System	1	55
12	Isothermal Conduction Calorimeter	1	50
13	Furnace Gas Analyser (4-5 channels)	1	14
14	Atomic Absorption Spectrophotometer	1	35
15	Inline-Particle Size Measurement System (SOPAR)	1	90
16	TG.DTA.DSC up to 1700C compatible with 100% H2/CO atmosphere	1	200
17	Muffle Furnace (part of molten salt electrolysis setup)	1	8.5
18	Vertical Pit Furnace (part of molten salt electrolysis setup)	1	5
19	Servo-Hydraulic Fatigue Test Systems (2 Nos)	1	400
20	Laser Source for Lock-in	1	20
21	Automatic Broach Machine	1	5
22	Portable Plasma Cutter Machine	1	2.5
23	Portable Gas Cutting Machine with accessories	1	2
24	CNC Lathe Machine	1	40
25	Solid edge License Upgradation	1	25
26	Multiparty Endpoint Video Conferencing System with Display	1	22
27	Comprehensive Maintenance Contract for Servers, Computers and Networking Components	1	48

28	Projector for Lecture Hall / Auditorium / Committee Room / DJ Hall	1	20
29	Display for Dias at Auditorium	1	0.5
30	NG Firewall	1	5
31	Computers and Printers	1	50
32	Fabrication Facilities for Cylindrical Battery	1	46.5
33	MATLAB and Toolboxes Upgradation	1	24
34	Impedance Analyser	1	75
35	Vibrating Sample Magnetometer (3T)	1	250
36	FTIR Spectrometer	1	30
37	Lab Scale Flotation Machine	1	20
38	Lab Scale Ball Mill (5-10Kg) with automation	1	20
39	Stereo Zoom Trinocular Optical Microscope	1	50
40	FESEM with EDS, WDS, CL, Mineral DB and Analysis Software	1	1000
41	Multistage Leaching Setup with Filtration System	1	35
42	X-Ray Diffractometer with stress, texture, heating, and deformation stages	1	500
43	Spares of Bomb Calorimeter: Annual maintenance kit (Orings, insulators, grease, and other necessary items required for preventive maintenance), solenoid valve, sample cuPS, ignition thread, fuse wire, insulators, samplings	1	5.5
44	Spates of TGA: SPindle drive, carousel, Crucible, balance, lid & Annual maintenance kit (insulators, grease	1	4.5
45	Spare for Sulphur Analyser DI44DR: Thermocouple, Heating Element, Solenoid	1	5.5
46	Spare for CHN: porous crucible, crucible, tin foil, moisture absorbent, maintenance kit(O-rings, insulators, grease, and other necessary items required for preventive maintenance	1	6.5
47	Spare for AFT-701: Thermocouple, furnace element, maintenance kit(O-rings, insulators, grease, and other The necessary items required for preventive maintenance	1	2.5
48	Spare for CSR-CRI: Retort tube	1	3
49	Spare for ball mill: CuPS, grinding balls, belts	1	5
50	Spare for Furnace: MD ARIF (LTGK, VM furnace, CSI furnace: heating coils, thermocouples	1	2.5
51	Spares for ICP-MS: Electronic board, Roughing pump, PCA, Ar-Mass Flow, controller	1	5.5
52	Spares for Microwave: /Thermocouple. PTF tube Temperature Indicator	1	2.5
53	Spares for (iCAP Control pCBA; EMT Duo Torch (Material: Rp Generator Interface pCB _ Spares; Peristaltic pump Assembly; ICAP Water Fitter; Sampling_ Kit; iCAp Series Setup Solution	1	20
54	Spares for WDXRF Kit detector foil, Al sputtered, / Spare part kit S4l, Fan cooling unit	1	15

55	Spares for Drain tube assembly internal gas pipes, gas box, Aa-chamber, knob assembly, Impact bead for AAS spray chamber, spider, Spray chamber overpressure disc kit, Membrane	1	5.4
56	TGA sample carrier system for large sample quantities, without radiation shield, without crucible, thermocouple type S, temperature range 2S_1 650 °C	1	3.63
57	Universal Calibrated handheld Display unit HSN CODE:9027.9090 UC)/UV QUV Irradiance Smart Sensor	1	0.4
58	Spares of HDPS: (Component force Transducer 01, Control valve for DewCal pre-assembled (set of 3 including hoses and fittings) HS Code no : 8481 .2090 No.01 , Complete mechanical sealing plate assembly of HDPS Gate Valve (for 12144-JA44, drawing no.354879)No.0 l, Sensor for connecting the Molten Metal Bath No.O1 , Vacuum Sealing for 12144-JA44-ACU I No.02, Standard cylinder DSNU-1 6- 1 0-P-A No.0l , Specimen Holders with Screw connecting Steel Sheet to bottom of Driving Rod and locking Single Small Pin No.50,etc)	1	20
59	Spares for Rotation Drum Wire caster: Induction Generator output power 2KW, 150-400 KHz, along with remote heat station, Customized Coil, suitable water chiller	1	9.5
60	Transformer and Thyristor	1	1.5
61	PL Fluotar l00X Objective lens	1	4.5
62	Berkovich Diamond Tip	1	5
63	1. Standard thermocouple Rtype (I no.); 2. Quartz protection tube (l No.); 3. Alumina Sample holder (1 no.)	1	7
64	High performance submersible borehole AISI 304 pump	1	2
65	1. Heater unit 1.5K 240V c/w RS cut out (riveted)-01 no; 2. Solenoid valve assembly -01 no 3. 45L Canopy Ram 25mm X 525mm -(2 nos in a set) with Piston Rod Clevis -(2 nos in a set) 4. Humidity Probe -CC l 000/ 2000iP. XP- 0l no 5. Solenoid Valve or Coil (24 V)-1 no. 6. Air Drier Filter- 01 no 7 . Hose - ID 50mm (-20 oC to +125oC) - Superflex	1	3.2
66	Peristaltic pump with VFD module flow controller	1	9.87

67	flotation cell	1	3.5
68	Vacuum Distillation spare and repairs: GRAPHITE heaters (02 sets) GRAPHITE Heater feed through assembly (1 No); Inconel 6251800HT condenser chamber (1 No); PLC for melt chamber programming + HMI (1 No); Ammeter/power meter and voltmeter (1 No) K-Type Simplex T/C (05 nos.) (1 No); K type- Duplex Thermometers (08nos) HHV make Pirani sensor (02 Nos); Digital pressure transmitters (0-1014 mbar -5 nos); 1.5 " Throttle valve-servo motor fitted (1No); Communication cables (02 No) Condenser zone=7 split furnace (1000 degrees C)	1	20
69	Niobium and Tantalum crucible for metal lothermic reduction	1	10
70	SS 316 Vessel and Liners for Autoclaves	1	4
71	Filters for ultra-water purification unit	1	0.8
72	Upgradation of Vacuum Induction Furnace Panel for75 kw	1	35
73	Upgradation of Direct-Reading Spectrometer (DRS) Software Q Matrix 4.0.0 for Windows l0	1	5
74	Furnace high purity alumina tube	1	2
75	02 nos. Ni-Cr alloy Retorts for Mg	1	20
76	Fume exhaust & scrubber	1	4.5
77	Copper cables	1	5
78	Chiller, filter, cartridge, coolant, guide ring displacer, sealing ring, o- ring, displacer, repairing of storage tank of ln2 plant etc.	1	5
79	FEG Source (10); Vacuum Gauges, Vacuum pump maintenance	1	12.5
80	Image PB spare for JEOL EPMA	1	5.1
81	Spares and consumables for Zeiss EVO l8 1) W-Filament long life for EVO 18; 2) Connecting Cable for EDS PC with SEMEVOI8 SEM; 3) Rotary Pump Oil-Grade l9	1	4
82	Spares and consumables for JXA 8230 EPMA 1) P-10 Gas regulator 2) Tube for N2 gas supply 3) Conducting carbon adhesive tape	1	2

83	Upgrade Kit CPU of Bruker D8 Discover X Ray Diffractometer	1	3
84	Co-X Ray tube and HV Cable for Rigaku Ultima IV X-Ray Diffractometer	1	32
85	Single tilt holder for JEOL 2200F S Transmission electron microscope	1	18
86	Dry pump for goniometer	1	20
87	Gold Au Sputtering Target	1	1.8
88	Short detector with board and box for XSTRESS 3000 Portable X Ray Diffractometer	1	25
89	Encoder Eye Piece and Standard Test Blocks for Brinell Hardness Tester	1	2.8
90	Hydraulic Oil Filters (Load Unit)-02Nos, Hydraulic Oil Filters (Hyd Pump)-01 No, Inhibited Propylene Glycol-40Liter, Vacuum Pump oil (Diffusion Pump) - 500ml, Vacuum Pump oil (Diffusion Pump) - 05N0s , Vacuum pump oil- 3Jar	1	1.98
91	Renewal of ICDD licenses (02) to PDF 5 version	1	15
92	Installation of Wincc s/w for Direct load ATS Machine	1	2
93	Data logger FBR creep machines	1	3
94	Acceleration cable for Dynamic Loading for Vibraphone 100	1	3
95	Robotic MIG spares: Contact tip dia 1.2mm :50 nos. 2. Gas Diffuser: 12nos. 3. Gas Saving Nozzle: 04 nos. 4. Torch Nozzle: 04 nos. 5. Filter Output: 02 nos. 6. Feeder Roller 1.2 mm with CMT torch feeder roller : 01 set 7. Metal Liner set dia. 1.2, 1 and 0.8 8. Gas Regulator for Argon:01No. 9. Gas Regulator for Argon +QQ1.g1 No. 10. CO2 Regulator with Heater:01 No. 11. C Clamp2,, to 3" :12 nos. 12. Compressed Air Filter: 04 nos. 13. Synergic Lines: 01 Set	1	4
96	EDM spares O- RING (01 set), wire diamond guide (01 set), nozzle (01 no), carbide current pick up (01 no), single acting clamping module (01 no), upper & lower ceramic plate (1 no. each), turbine wheel (01 no), upper and low discharge cables, wire tension clutch opb, grease, clamping set, work lamp led, water gun & filter, wire cut-EDM filter	1	8
97	Q8 Magellan Spark emission Spectrometer; 27 .03.2009;	1	1.3

98	LECO ON 836, Nitrogen & Oxygen Determinator; 2021	1	0.9
99	LECO RHEN 602,Hydrogen Determinator	1	0.9
100	ELTRA CS-i. Carbon & Sulphur Determinator	1	1.1
101	Thermo AAS iCE3300 with VPI00 GFS33	1	1.15
102	Thermo, AAS iCE3300 with VPI 00 GFS33; 2010	1	1.15
103	Direct Mercury Analyser DMA 80	1	0.8
104	Leco AF-700 (2013), Sr 44DR (20 r 3), CHN- 628 (201 6), TGA-70 1 (201 9)	1	4.7
105	Bomb Calorimeter (Parr- 6200 no (2014)	1	4
106	ICP-MS	1	3
107	ICP OES	1	2
108	WDXRF (S8 TIGER)	1	3
109	Chiller unit for WDXRF	1	0.6
110	High Pressure Leaching reactors	1	2
111	Battery dismantling plant	1	1
112	Induction melting furnace	1	4
113	UHV-Analysis system	1	6
114	Vickers Hardness tester	1	0.2
115	Universal testing machine (UTM)	1	0.6
116	Leica Optical Microscope	1	0.6
117	3D Optical Profilo-meter	1	3.1
118	CC450ip Cyclic corrosion test (CCT) chamber and air compressor, Ascott Analytical Equipment Ltd. U.K; 2017	1	1.65
119	AMC for Temperature modulated Differential Scanning Calorimetry (TMDSC)	1	1.6
120	STA 449 F5 Jupiter simultaneous Thermal Analyser, high volume TGA/TGA-DSC/DTA apparatus	1	1.42
121	QUV Accelerated Weathering Tester with Spray	1	1
122	450L Salt Spray Chamber with air Compressor and Comprehensive spares Kit; 2010	1	1
123	Hot Dip Process Simulator (HDPS) Model Number: HDPS-AV	1	6

124	Hot Dip Process Simulator (HDPS) Model Number: HDPS-AV	1	60
125	High Resolution Confocal Raman Spectroscope Model: Alpha 300M+	1	3.6
126	Leica DM 4500P optical microscope	1	1
127	Coal Plastometer, P14000 and Dilatometer, DL4000	1	1
128	ICP-OES Spectroscopy, Agilent Make, Model No.5110	1	3
129	3D - CMM; Make: Accuratate	1	4
130	Fronius Power Source TPS500i CMT and Robot KUKA KR 8 RI610 arc HW	1	3.5
131	Wire EDM Make: S&T Excetek	1	1.5
132	Wet abrasive cutter Make: Baincut-LP-Auto	1	0.5
133	Stereo microscope Make: Leica Model: M-205 C	1	1.8
134	CNC Lathe; Make: Batliboi	1	5
135	Liquid nitrogen plant; 2010	1	2.5
136	Zeiss EVOI8 SEM	1	2.8
137	Zeiss EVOI8 SEM	1	3.31
138	AMC of JEOL JXA8230 EPMA	1	7.96
140	High performance computing (HPC) Cluster	1	6
141	Bruker D8 Discover X Ray Diffractometer	1	6
142	Macro Hardness tester	1	1
143	Hitachi SU7000 Field emission scanning electron microscope as below: 1 . Ultra-High-Resolution Schottky Scanning Electron Microscope- Hitachi SU7000 and associated accessories 2. TEAM Pegasus Integrated EDS-EBSD	1	7.5
144	XSTRESS 3000 Portable X Ray Diffractometer	1	5
145	JEOL 220OFS Transmission electron microscope	1	18
146	Ion Beam Milling System	1	4
147	Gleeble 3800	1	18
148	Universal Hardness Tester,25 I -VRS-A	1	1
149	100kN closed loop controlled servo electric	1	4

(ii)	Equipment: Out of CSIR Funded Projects
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Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)
1	Angle cutters/tooling	1	PPP240009	2
2	Automatic Broach Machine	1	PPP240009	4
3	Automation/IT Infrastructure	1	PPP240009	20
4	Ball Mill (Including required grinding media): capacity 100 kg/hr	01 set	PPP240009	50
5	Briquetting Machine (dry briquetting of the mixture is roller type)-100-200 kg per hr.	01 Set	PPP240009	50
6	Calcination Kiln	01 set	PPP240009	50
7	Calcined mass cooler with water cooling circuit	01 set	PPP240009	5
8	Chemical Analysis Lab	01 Set	PPP240009	15
9	Conduit Threading set	1	PPP240009	0.6
10	Conical Ball Mill	1	PPP240009	40
11	Crucibles	1	PPP240009	3
12	Dial type Platform Scale	1	PPP240009	4
13	Distillation furnace system with utilities and control panels 150kg per day	1	PPP240009	50
14	Double Roll Crusher	1	PPP240009	10
15	Drill Machines	1	PPP240009	12
16	Dual Type Manifold 95/8"BSP	1	OLP-9001	0.5
17	Earth Tester(Megger)	1	PPP240009	0.5
18	Fabrication and assembly of fixtures for furnace and Calibration	1	FBR080307	1
19	Fume Extractor	1	PPP240009	5
20	Furniture	1	PPP240009	30
21	Gas cutting set up	1	PPP240009	2
22	Hackshaw Machine	1	PPP240009	3
23	Hand Shear Machine	1	PPP240009	1
24	Hydraulic Press 50T	1	PPP240009	5
25	ICP OES	1	PPP240009	75
26	Lathe	1	PPP240009	10
27	Lathe	1	PPP240009	10
28	Magnesium Melting Furnace	1	PPP240009	25
29	Measuring Tools	1	PPP240009	10
30	Mechanical Tool Kit	1	PPP240009	2
31	Melting & Casting Accessories	1	PPP240009	10
32	Mild steel condensers sleeves with pulling arrangements	20	PPP240009	5
33	Mini Lathe Machine	1	PPP240009	5
34	Muffle Furnace	1	PPP240009	10
35	Packed tower gas scrubber for exhaust gas absorption	1	MMP085202WP1	1.4
36	Pedestal Grinder	1	PPP240009	1
37	Pig Moulds	10 nos	PPP240009	6

38	Pillar Drilling Machine	1	PPP240009	2
39	Pipe Threading Machine	1	PPP240009	3
40	Plasma Cutters	1	PPP240009	2.5
41	PLC System and central control of Mg-pilot plant	1	PPP240009	15
42	Portable Flue Gas Analyser	1	PPP240009	20
43	Portable Helium Leak Detector	1	PPP240009	20
44	Raw material handling equipment and utilities	1	PPP240009	40
45	Roll Crusher: Capacity: 100kg/hr	01 set	PPP240009	10
46	SEM-EDS	1	PPP240009	160
47	Shaping Machine	1	PPP240009	2
48	Spot Extractor	01 set	MMP-085201	2
49	Standalone exhaust system	1	PPP240009	5.5
50	Storage	1	PPP240009	10
51	TIG Welding Machine	1	PPP240009	5
52	Tools and Accessories	01 Set	PPP240009	7
53	Trolley	1	PPP240009	5
54	Vacuum casting Facilities.	1	PPP240009	30
55	Vacuum chambers and storage	3	PPP240009	15
56	Vacuum condenser liquid Mg bath with accessories and utilities capacity 100-120 kg	1	PPP240009	25
57	Vacuum induction melting furnace	1	PPP240009	50
58	Vacuum Pump	1	PPP240009	12
59	Vacuum Retort-, water jacket flanges, fabrication and condensers, water jacket flanges, ports/ repairing	01 set	PPP240009	20
60	Vacuum system/accessories/software/compressor/ utilities	1	PPP240009	40
61	Vibrating screen 100 kg/hr -1mm	01 set	PPP240009	5
62	Vibro Screen	1	PPP240009	10
63	Weighing Machines	1	PPP240009	5

(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	B type Pt Rh 30% Thermo couple 300 mm length with SS collar	3	GAP 0310	0.8
2	EW setup	1 unit	GAP 0320	10
3	Hi Alumina Ceramic Tube one side closed OD 6 mm x id 4 mm length 330 mm	20	GAP 0310	0.7
4	High Temperature Erosion-corrosion Test Rig	1 No	GAP 0305	80
5	Inconel Pipe	01 Nos	GAP 0310	5

6	Insulated Jacket Heater	01 set	GAP 0310	0.7
7	K type thermocouple with connector 1 mtr x 6 mm dia	10	GAP 0310	0.5
8	Mg-Collection Vacuum furnace and accessories	1	GAP 0310	5
9	Power Source	3	GAP 0303	34
10	Pressure Sensors with/without displays	10	GAP 0310	1
11	Spares of condensation type vacuum distillation apparatus	02 sets	GAP 0310	1.5
12	Vertical Tubular Furnace (1350 °C)	01 no.	GAP 0314	5
13	Weight Machine Indicator	1	GAP-0306	0.12
14	Working table	2	GAP 0310	0.5

(iv)

Equipment: Out of Contract R&D projects

Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)
1	Air compressor	2 set	SSP 1394	2
2	Ball mill – 10 kg capacity	01 No.	SSP-1420	0.95
3	Bead mill – 2 litre capacity	01 No.	SSP-1420	0.95
4	High-End Laptop for R&D work	01 unit	SSP 1422	0.94
5	Chairs	08 Nos.	SSP 1394	1
6	Computer	1 No.	SSP 1418	2
7	Desk Top Computer	1	SSP 1396	0.6
8	Equipment Table	01 Nos	SSP 1394	0.6
9	High temperature Thermocouple calibration furnace	1	SSP 1402	5
10	Laboratory Refrigerator	1	SSP 1402	1
11	Laboratory Vacuum mixture	1 Nos.	SSP- 1402	1.5
12	Laptop	01 Nos	SSP 1403	1
13	Magnetostrictive sensing device for pipe inspection : MagStrics	Two Unit	SSP 1438	40
14	Mass flow controller	2 set	SSP 1394	3
15	Overhead stirrer	02 No.	SSP 1420	0.5
16	Planetary Vacuum Mixer / Vacuum Mixer	1	SSP 1402	2

17	Quartz tube od (22 mm x 1.5 mm thickness x 300 mm length with 10 mm od quartz nozzle on top Temperature 900 to 1000 C)	30 nos.	SSP 1402	1
18	Refrigerator	1	SSP 1402	1
19	Refrigerator / Laboratory Refrigerator	1 Nos.	SSP 1402	2
20	Spares for Ammonia Gas nitriding furnace	One Unit	SSP 1434	1
21	Tables	03 Nos.	SSP 1394	1
22	Tube Furnace	1	SSP 1402	5
23	Vacuum pump	3 set	SSP 1394	2
24	Weighing/analytical balance	2	SSP 1394	1.2

*Annual Procurement plan as on 22.07.2025

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 an Externally Funded Project (EFP)	Out of an contract R&D Projects	Total (Rs. In Lakhs)
1	Ceramic wares	Nil	1.5	0.9	0.75	3.15
2	Chemical consumables i.e. solvents, acids, liquids, etc.	Nil	57.0625	19.1	69.96	146.1225
3	Electrical items	Nil	Nil	2.7	Nil	2.7
4	Furnaces & accessories	Nil	Nil	2.5	Nil	2.5
5	Gases	17	30.35	0.8	01	49.15
6	Glass ware	Nil	9.05	3.45	5.3	17.8
7	IT Consumables i.e. Headphones with Mic, Headset with Mic, Keyboard, Mouse, Mouse pad, Pen drive, External Hard Disk Drive (HDD), USB Bluetooth Adapter, USB Wi-Fi Adapter, Ethernet Cables, catridges or toners etc.	Nil	01	0.6	0.5	2.1
8	Maintenance & repair	Nil	4.4788	3.2	Nil	7.6788
9	Plastic ware	Nil	2	2.9	0.5	5.4
10	R&D consumables (pure metals, alloys, foils, metal accessories etc.)	11.73	67.3	21.448	29.15	129.628
11	Software	Nil	01	0.8	0.5	2.3
12	Stationary	Nil	0.65	01	4.25	5.9
13	Works & services	Nil	171.7	06	6.5	184.2

B	FOR NEXT 2-4 FINANCIAL YEARS (2025-29) (From 01/04/2025 to 31/03/2029)
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B (a)	EQUIPMENT
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Sr. No.	Name of Equipment / Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
	Nil	Nil	Nil

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)	Nil
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	Nil
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.)	Nil
4	Glass wares (ex- name the different glass wares)	Nil
5	Plastic wares (ex- Name the different plastic wares)	Nil
6	Toner Cartridges.	Nil
7	Batteries, etc.	Nil
8	Gases (ex- tentative names)	Nil
9	Maintenance/AMC/repairing of existing equipment	Nil
10	Stationery items (ex- name a few)	Nil
11	IT / software-related Items (Name the items required during year)	Nil
12	Furniture (Name the items required during year)	Nil
13	Electric Items (Name the items required during year)	Nil

- 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.
 - Annual Procurement plan as on 22.07.2025