CSIR-IMMT Annual Procurement Plan

Annual Procurement Plan for the Year 2026-2027		
Sl. No.	**Item Description**	**Quantity**
1.	LA for ICP-MS	1 Unit
2.	X-Ray Diffractometer(XRD)	2 Unit
3.	High performance computing facilities for AI/ML	As per requirement
4.	Laboratory Continuous Froth Flotation Cell System (25kg/h)	01 Unit
5.	Customized Spray Dryer	As per requirement
6.	Peristaltic Pump Drive	As per requirement
7.	Multichannel Pump Head	As per requirement
8.	USIM PAC Version 3.3-Two User Server License (Lifetime license) , USIM PAC online selfpaced training	01 Unit
9.	Gas Chromatograph with accessories	01 Unit
10.	Reduction Under Stress (RUS) Furnace	As per requirement
11.	Ashing Furnace Bench-Type	As per requirement
12.	Chemical Storage	As per requirement
13.	Working Table	As per requirement
14.	Gas Line	As per requirement
15.	Vaccume Decicator	As per requirement
16.	Workstation	As per requirement
17.	Safety Gadgets	As per requirement
18.	Laptop	As per requirement
19.	Hot Plate	As per requirement
20.	Furnace	As per requirement
21.	Fume Hood	As per requirement
22.	Computer Workstation	As per requirement
23.	Spin Coater	As per requirement
24.	Vacuum Mixer	As per requirement
25.	Split AC 1.5/2.0 Ton etc.	As per requirement
26.	Tower AC	As per requirement
27.	Cutting Machine	As per requirement
28.	Analytical Balance	As per requirement
29.	Gas Chromatograph	As per requirement
30.	Electrical Panel	As per requirement
31.	Crimping Machine	As per requirement
32.	Motorized Worm	As per requirement
33.	Laboratory Furniture	As per requirement
34.	Sample Collection Bag	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.11.2026**

CSIR-IMMT Annual Procurement Plan

35.	Vacuum Pump	As per requirement
36.	PH Meter	As per requirement
37.	Hydrothermal	As per requirement
38.	Mass Flow Controller	As per requirement
39.	Microscope	As per requirement
40.	Magnetic Stirrer	As per requirement
41.	Pelletizing Disc	As per requirement
42.	Vacuum Desiccator	As per requirement
43.	Variable Frequency Drive	As per requirement
44.	Hydrothermal bomb heating	As per requirement
45.	Programmable AC-DC Power Source	As per requirement
46.	Sound Systems	As per requirement
47.	Centrifuge	As per requirement
48.	Automatic Weather Station	As per requirement
49.	Surveillance system	As per requirement
50.	Press Die	As per requirement
51.	Contact angle Meter	As per requirement
52.	Various size Glass Jacketed Reactor	As per requirement
53.	IP Camera	As per requirement
54.	Bench Scale Pot Grate System	As per requirement
55.	Automatic Pull-Off Adhesion Gauge	As per requirement
56.	Laser Cutting Machine	As per requirement
57.	Various Gas Cylinder with Gas	As per requirement
58.	High Pressure reactor	As per requirement
59.	Polishing Machine	As per requirement
60.	PTEF Liner	As per requirement
61.	Various Pumps	As per requirement
62.	Corrosion testing Machine	As per requirement
63.	DC Power Supply Unit	As per requirement
64.	Coin Cell Electrode	As per requirement
65.	Desiccator	As per requirement
66.	Vibratory Cup Mill	As per requirement
67.	Assay Kit	As per requirement
68.	Central gas Distribution System	As per requirement
69.	Lab Roll Crusher	As per requirement
70.	Slurry Coating Machine	As per requirement
71.	Leas Silver Sheet	As per requirement
72.	Rectifier Unit	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.11.2026**

CSIR-IMMT Annual Procurement Plan

73.	Various size Graphite Crucible	As per requirement
74.	PKI Green Injection	As per requirement
75.	Electrochemical Device	As per requirement
76.	Probe Sonicator	As per requirement
77.	Crimping Machine	As per requirement
78.	Magnetic Stirrer	As per requirement
79.	Lithium Air Battery	As per requirement
80.	Various size Batteries	As per requirement
81.	Electrolyzer test Kit	As per requirement
82.	Glassy Carbon	As per requirement
83.	Animal cell culture media	As per requirement
84.	Dip Coating system	As per requirement
85.	Agate Mortar	As per requirement
86.	Automated Coating system	As per requirement
87.	Plasma cleaner	As per requirement
88.	Rotary Evaporator	As per requirement
89.	Enamel Try	As per requirement
90.	Automated Compression Testing Machine	As per requirement
91.	Various Hot Plates	As per requirement
92.	Analytical Balance	As per requirement
93.	Various Size Ball Mill	As per requirement
94.	Glass Jacketed Reactor	As per requirement
95.	Various size Vacuum Pump	As per requirement
96.	Electrochemical Machine	As per requirement
97.	Acrylic Sheet	As per requirement
98.	Crimping Machine	As per requirement
99.	Graphite Rod	As per requirement
100.	Desktop Computers/Printers/ Scanners/ Photocopier Machine etc.	As per requirement
101.	Fine Particulate Dust Sampler	As per requirement
102.	Roller Mill	As per requirement
103.	Nitrogen Gas Generator	As per requirement
104.	Probe Sonicator	As per requirement
105.	Hydrogen Gas Generator	As per requirement
106.	Wifi Access Point	As per requirement
107.	LED Panel(Screen)	As per requirement
108.	DC/AC Current Source	As per requirement
109.	Source Meter	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.11.2026**

CSIR-IMMT Annual Procurement Plan

110.	Sieve Shaker	As per requirement
111.	Water purification system	As per requirement
112.	Vertical Tank Pump	As per requirement
113.	Arc Furnace	As per requirement
114.	Multi Gas Calibrator	As per requirement
115.	Rolling Mill	As per requirement
116.	High Temperature Tube Furnace	As per requirement
117.	CoolLED Fluorescence Pe300W for DM Series and LED-BF illumination upgrade for Leica Coal petrographic Microscope	1 Unit
118.	Hydraulic Driven Deep Drawing Press for making Brass thali and Bhagona	1 Unit
119.	Multicell GalvanoStat	1 Unit
120.	Column Flotation test rig with accessories-instrumentation and automation	1 Unit
121.	Vertical Furnace Programmable	1 Unit
122.	Auto Geared Lathe Machine	2 Nos
123.	Microwave Digestion System	1 Unit
124.	Vaccum Induction Melting Furnace	1 Unit
125.	Laboratory Scale Box Type Wet High Intensity Magnetic Separator	1 Unit
126.	Laboratory Bench Type Fume Hood	1 Unit
127.	Muffle Furnace	As per requirement
128.	Filter Press	As per requirement
129.	Current Source Meter	As per requirement
130.	Gas Analyzer	As per requirement
131.	UV Spectroscopy	As per requirement
132.	Multichannel Electrochemical Workstation	1 Unit
133.	Processing Unit for Waste to Wealth a Combination of Units Phase	1 Unit
134.	Electronic Waste & Air Conditioner Processing & Separation Unit Phase I	1 Unit
135.	IT, Computer & Softwares for AI & ML Phase I	As per requirement
136.	High-Pressure Grinding Rolls(HPGR)	1 Unit
137.	Vehicle	As per requirement
138.	Mineral Liberation Analyser(MLA)	01 Unit
139.	Gas Cleaning system with Vacuum Chamber for Arc furnace	01 Unit
140.	High Temperature Electrolysis Apparatus	01 Unit
141.	Facility Management Service	As per requirement
142.	Microwave Digestion System	01 Unit

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.11.2026**

CSIR-IMMT Annual Procurement Plan

143.	20 KWp Solar PV Power Plant, grid-connected (on-grid), Inverter, Netmetering and all Balance of System (BoS) components and 15 KWp Solar PV Power Plant, grid-connected (on-grid), Inverter, Netmetering and all Balance of System (BoS) components	As per requirement
144.	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) System with accessories	01 Unit
145.	FTIR with ATR and accessories	01 Unit
146.	Induction Melting Furnace System	01 Unit
147.	Universal Tube Furnace (1200deg. c) with Control Atmosphere	01 Unit
148.	100 kg/hour Capacity Continuous Operating Pilot Scale Stirred Mill Assembly	01 Unit
149.	100 LTS Titanium High Pressure Stirred Autoclave Reactor	01 Unit
150.	Laboratory-Scale Fixed-Bed Lignite-Biomass Gasification Unit	01 Unit
151.	Independently 2-Channel Electrochemical Workstation	01 Unit

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.11.2026**

CSIR-IMMT Annual Procurement Plan

Sl. No.	Item Description	Quantity
1.	Laboratory Chemicals	As per requirement
2.	Solvents	As per requirement
3.	Glassware	As per requirement
4.	Plastic Ware	As per requirement
5.	Consumables for Computer, Laptop, Printer, Copier etc.	As per requirement
6.	Spare Parts of Equipment	As per requirement
7.	Miner Software	As per requirement
9.	Other Research Consumables	As per requirement
10.	Office Stationary	As per requirement
11.	Consumables for CIVIL, Electrical, Refrigeration, Horticulture etc.	As per requirement
12.	Spares for existing lab equipment	As per requirement
13.	Spares for existing plant equipment	As per requirement
14.	Spares for Inverter	As per requirement
15.	Spares for UPS backup	As per requirement
16.	Spares for DG	As per requirement
17.	Maintenance for existing lab equipment	As per requirement
18.	Maintenance for existing plant equipment	As per requirement
19.	Maintenance for Inverter	As per requirement
20.	Maintenance for UPS backup	As per requirement
21.	Maintenance for DG	As per requirement
22.	Auxiliaries for existing lab equipment	As per requirement
23.	Auxiliaries for existing plant equipment	As per requirement
24.	Auxiliaries for Inverter	As per requirement
25.	Auxiliaries for UPS backup	As per requirement
26.	Auxiliaries for DG	As per requirement
27.	Uttariya and Khadi Products	As per requirement
28.	Handicraft Items	As per requirement
29.	Odisha Artifact items	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.11.2026**

CSIR-IMMT Annual Procurement Plan

Annual Procurement Plan for the Year 2025-2026		
Sl. No.	**Item Description**	**Quantity**
1.	BET Surface Area Analyser	1 No.
2.	Acid Purification System	1 No.
3.	Workstation with 48GB Graphics or better	1 No.
4.	Sensor Tachometer, LVDT, Pressure Sensor Thermocouple, RTD Load Cell, Accelerometer 5G, 100G Gas Sensor like Hydrogen Sensor, Oxygen Sensor, CO_2 and CO Sensor, NH3 Sensor	1 No.
5.	Pressure Calibrator	1 No.
6.	Matlab Software with Machine Learning and other toolboxes	1 No.
7.	LabVIEW 5 user(Software)	1 No.
8.	COMSOL Multiphysics Software (COMSOL Base Package + AC/DC Module + CFD Module + Chemical Reaction Module)	1 No.
9.	USIM PAC: Process modelling and simulation software	1 No.
10.	LIMS(sala)	1/2 Nos.
11.	Box Magnetic Separator	1 No.
12.	Briquetting Machine	1 No.
13.	Fume Cupboard	4 Nos.
14.	Peristaltic Pump	6 Nos.
15.	Lab Scale Flotation Cell	3 Nos.
16.	Gas Chromatography	1 No.
17.	100L Inconel High Pressure Reactor	1 No.
18.	100L Titanium High Pressure Reactor	1 No.
19.	Ti Autoclave	1 No.
20.	X-Ray Difractometer	1 No.
21.	Servers	6 Nos.
22.	Core Switch	1 No.
23.	Atomic Absorption Spectrophotometer	1 No.
24.	Microwave Digester	1 No.
25.	Cascade Impactor	1 No.
26.	Carbon integrated Radio Frequency Power Source(13.5 MHz) with matching unit	1 No.
27.	Airjet Mill	1 No.
28.	Smelting & Distillation reactor	1 No.
29.	Melting and Casting system	1 No.
30.	Zone refining	1 No.

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

31.	Slurry PH Meter with extra Electrode	1 No.
32.	Water Distillation unit	1 No.
33.	Moisture Analyzer	1 No.
34.	Fume Hood, Chemical Storage, Working Table, Gas Line,Vaccume Decicator, Safety Gadgets etc.	As per requirement
35.	Workstation	As per requirement
36.	Laptop	As per requirement
37.	Hot Plate	As per requirement
38.	Furnace	As per requirement
39.	Fume Hood	As per requirement
40.	Computer Workstation	As per requirement
41.	Spin Coater	As per requirement
42.	Vacuum Mixer	As per requirement
43.	Split AC 1.5/2.0 Ton etc.	As per requirement
44.	Tower AC	As per requirement
45.	Cutting Machine	As per requirement
46.	Analytical Balance	As per requirement
47.	Gas Chromatograph	As per requirement
48.	Electrical Panel	As per requirement
49.	Crimping Machine	As per requirement
50.	Fume Hood	As per requirement
51.	Motorized Worm	As per requirement
52.	Laboratory Furniture	As per requirement
53.	Sample Collection Bag	As per requirement
54.	Vacuum Pump	As per requirement
55.	PH Meter	As per requirement
56.	Hydrothermal	As per requirement
57.	Mass Flow Controller	As per requirement
58.	Microscope	As per requirement
59.	Magnetic Stirrer	As per requirement
60.	Pelletizing Disc	As per requirement
61.	Vacuum Desiccator	As per requirement
62.	Variable Frequency Drive	As per requirement
63.	Hydrothermal bomb heating	As per requirement
64.	Programmable AC-DC Power Source	As per requirement
65.	Sound Systems	As per requirement
66.	Centrifuge	As per requirement
67.	Automatic Weather Station	As per requirement
68.	Surveillance system	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

69.	Press Die	As per requirement
70.	Contact angle Meter	As per requirement
71.	Various size Glass Jacketed Reactor	As per requirement
72.	IP Camera	As per requirement
73.	Bench Scale Pot Grate System	As per requirement
74.	Automatic Pull-Off Adhesion Gauge	As per requirement
75.	Laser Cutting Machine	As per requirement
76.	Various Gas Cylinder with Gas	As per requirement
77.	High Pressure reactor	As per requirement
78.	Polishing Machine	As per requirement
79.	PTEF Liner	As per requirement
80.	Various Pumps	As per requirement
81.	Corrosion testing Machine	As per requirement
82.	DC Power Supply Unit	As per requirement
83.	Coin Cell Electrode	As per requirement
84.	Desiccator	As per requirement
85.	Vibratory Cup Mill	As per requirement
86.	Assay Kit	As per requirement
87.	Central gas Distribution System	As per requirement
88.	Lab Roll Crusher	As per requirement
89.	Slurry Coating Machine	As per requirement
90.	Leas Silver Sheet	As per requirement
91.	Rectifier Unit	As per requirement
92.	Various size Graphite Crucible	As per requirement
93.	PKI Green Injection	As per requirement
94.	Electrochemical Device	As per requirement
95.	Probe Sonicator	As per requirement
96.	Crimping Machine	As per requirement
97.	Magnetic Stirrer	As per requirement
98.	Lithium Air Battery	As per requirement
99.	Various size Batteries	As per requirement
100.	Electrolyzer test Kit	As per requirement
101.	Glassy Carbon	As per requirement
102.	Animal cell culture media	As per requirement
103.	Dip Coating system	As per requirement
104.	Agate Mortar	As per requirement
105.	Automated Coating system	As per requirement
106.	Plasma cleaner	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

107.	Rotary Evaporator	As per requirement
108.	Enamel Try	As per requirement
109.	Automated Compression Testing Machine	As per requirement
110.	Various Hot Plates	As per requirement
111.	Analytical Balance	As per requirement
112.	Various Size Ball Mill	As per requirement
113.	Glass Jacketed Reactor	As per requirement
114.	Various size Vacuum Pump	As per requirement
115.	Electrochemical Machine	As per requirement
116.	Acrylic Sheet	As per requirement
117.	Crimping Machine	As per requirement
118.	Graphite Rod	As per requirement
119.	Desktop Computers/Printers/ Scanners/ Photocopier Machine etc.	As per requirement
120.	Fine Particulate Dust Sampler	As per requirement
121.	Roller Mill	As per requirement
122.	Nitrogen Gas Generator	As per requirement
123.	Probe Sonicator	As per requirement
124.	Hydrogen Gas Generator	As per requirement
125.	Wifi Access Point	As per requirement
126.	LED Panel(Screen)	As per requirement
127.	Workstation	As per requirement
128.	DC/AC Current Source	As per requirement
129.	Source Meter	As per requirement
130.	Sieve Shaker	As per requirement
131.	Water purification system	As per requirement
132.	Vertical Tank Pump	As per requirement
133.	Arc Furnace	As per requirement
134.	Multi Gas Calibrator	As per requirement
135.	Rolling Mill	As per requirement
136.	High Temperature Tube Furnace	As per requirement
137.	Straight Grate Pellet Pilot Plant	1 Unit
138.	Fork Lift	1 No
139.	Solar Simulator	As per requirement
140.	Fume Extraction System	As per requirement
141.	Gas-tight Photoelectrochemical H Cell	As per requirement
142.	Metal Wire Auxiliary Electrode	As per requirement
143.	Silver/Silver Chloride Refillable Reference Electrode	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

144.	Raman Electrochemical Flow H Cell	As per requirement
145.	Reactors for Pilot Scale	As per requirement
146.	Reactors for Bench Scale	As per requirement
147.	Reactors for Lab Scale	As per requirement
148.	Pilot Scale Storage Vessels	As per requirement
149.	Bench Scale Storage Vessels	As per requirement
150.	Pilot Scale Precipitation Vessels	As per requirement
151.	Bench Scale Precipitation Vessels	As per requirement
152.	Pilot Scale Purification Vessels	As per requirement
153.	Bench Scale Purification Vessels	As per requirement
154.	Furnaces for Roasting in Lab Scale	As per requirement
155.	Furnaces for Roasting in Bench Scale	As per requirement
156.	Furnaces for Roasting in Pilot Scale	As per requirement
157.	Furnaces for Reduction in Lab scale	As per requirement
158.	Furnaces for Reduction in Bench scale	As per requirement
159.	Furnaces for Reduction in Pilot scale	As per requirement
160.	Furnaces for Calcination in Lab Scale	As per requirement
161.	Furnaces for Calcination in Bench scale	As per requirement
162.	Furnaces for Calcination in Pilot scale	As per requirement
163.	Furnaces for Melting in Lab Scale	As per requirement
164.	Furnaces for Melting in Bench scale	As per requirement
165.	Furnaces for Melting in Pilot scale	As per requirement
166.	Furnaces for Smelting in Lab Scale	As per requirement
167.	Furnaces for Smelting in Bench scale	As per requirement
168.	Furnaces for Smelting in Pilot scale	As per requirement
169.	Furnaces for Heat Treatment In Lab Scale	As per requirement
170.	Furnaces for Heat Treatment In Bench Scale	As per requirement
171.	Furnaces for Heat Treatment In Pilot Scale	As per requirement
172.	Furnaces for Molten Salt Electrolysis Cells In Lab Scale	As per requirement
173.	Furnaces for Molten Salt Electrolysis Cells In Bench Scale	As per requirement
174.	Furnaces for Molten Salt Electrolysis Cells In Pilot Scale	As per requirement
175.	Furnaces for Atomization In Lab Scale	As per requirement
176.	Furnaces for Atomization In Bench Scale	As per requirement
177.	Furnaces for Atomization In Pilot Scale	As per requirement
178.	Salt Production and Solid/Liquid Separation Systems	As per requirement
179.	Batch Crystallizer	As per requirement
180.	Continuous Crystallizer	As per requirement
181.	Spray Dryer	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

182.	Static Dryers	As per requirement
183.	Continuous Dryers	As per requirement
184.	Evaporator	As per requirement
185.	Steam Generator	As per requirement
186.	Salt Purification Systems	As per requirement
187.	Filter Press	As per requirement
188.	Continuous Filters	As per requirement
189.	Nutsche Filters	As per requirement
190.	Dewatering Equipment	As per requirement
191.	Screens	As per requirement
192.	Thickeners	As per requirement
193.	Clarifiers	As per requirement
194.	Hydrocyclone	As per requirement
195.	Rotary Filters	As per requirement
196.	Sedimentation Test Equipment	As per requirement
197.	Cartridge Filters	As per requirement
198.	Granulometry Apparatus	As per requirement
199.	CCD Units	As per requirement
200.	Electrolytic And Solvent Extraction Systems	As per requirement
201.	Pilot Scale Membrane Cells	As per requirement
202.	Bench Scale Membrane Cells	As per requirement
203.	Diaphragm Cells	As per requirement
204.	Electrowinning Cells	As per requirement
205.	High Temperature Electrolysis Systems	As per requirement
206.	Battery Testing Unit	As per requirement
207.	CV Measurement Units	As per requirement
208.	Electrodialysis Systems	As per requirement
209.	Electromembrane Systems	As per requirement
210.	Integrated Mixer-Settler Unit	As per requirement
211.	Microreactors	As per requirement
212.	Ion Exchange Columns	As per requirement
213.	Extraction Columns	As per requirement
214.	Centrifugal Extractors	As per requirement
215.	Lab Shakers	As per requirement
216.	Process Instrumentation, Flow And Modelling Equipment	As per requirement
217.	Process Modelling Software	As per requirement
218.	Thermodynamic Softwares	As per requirement
219.	Pumps & Piping	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

220.	Mass Flow Controllers	As per requirement
221.	General Characterization Equipment	As per requirement
222.	Automatic AAS	As per requirement
223.	Particle Size Analyzer	As per requirement
224.	Porosimeter	As per requirement
225.	BET Analyzer	As per requirement
226.	FTIR	As per requirement
227.	Effluent Analyser	As per requirement
228.	Ion Meters	As per requirement
229.	GD-OES	As per requirement
230.	InlLine Ph Analyzers	As per requirement
231.	In line Metal Analyzers	As per requirement
232.	XRF	As per requirement
233.	Handheld Characterization Equipment	As per requirement
234.	Sample Digestors Equipment	As per requirement
235.	Sample Preparation Equipment	As per requirement
236.	Miscellaneous Equipment For Fabrication	As per requirement
237.	Miscellaneous Equipment For Beneficiation	As per requirement
238.	Miscellaneous Equipment For Gas Handling	As per requirement
239.	Miscellaneous Equipment For Safety	As per requirement
240.	Miscellaneous Equipment For Lab Instrumentation	As per requirement
241.	Handling Units for Fabrication	As per requirement
242.	Handling Units for Beneficiation	As per requirement
243.	Handling Units for Gas Handling	As per requirement
244.	Handling Units for Safety	As per requirement
245.	Handling Units for Lab Instrumentation	As per requirement
246.	Laser Induced breakdown Analyzer	As per requirement
247.	Peripherals	As per requirement
248.	Workstations	As per requirement
249.	Data Acquisition	As per requirement
250.	Instrumentation	As per requirement
251.	Data Storage	As per requirement
252.	Lab Equipment	As per requirement
253.	Deep Sea Minerals Extractive Metallurgy Lab For Lab Equipment	As per requirement
254.	Deep Sea Minerals Extractive Metallurgy Lab For Pilot Equipment	As per requirement
255.	Deep Sea Minerals Extractive Metallurgy Infrastructure For Lab Equipment	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

256.	Deep Sea Minerals Extractive Metallurgy Infrastructure For Pilot Equipment	As per requirement
257.	Bench Equipment: Pressure Reactors	As per requirement
258.	Pilot Equipment: Pressure Reactors	As per requirement
259.	Bench Equipment: Roasting Furnace	As per requirement
260.	Bench Equipment: Reduction Furnace	As per requirement
261.	Pilot Equipment: Roasting Furnace	As per requirement
262.	Pilot Equipment: Reduction Furnace	As per requirement
263.	Bench Equipment: Continuous Filters	As per requirement
264.	Pilot Equipment: Continuous Filters	As per requirement
265.	Bench Equipment: Nutsche Filters	As per requirement
266.	Pilot Equipment: Nutsche Filters	As per requirement
267.	Bench Equipment: Granulometry Apparatus	As per requirement
268.	Pilot Equipment: Granulometry Apparatus	As per requirement
269.	Bench Equipment: Integrated Mixer-Settler Unit	As per requirement
270.	Pilot Equipment: Integrated Mixer-Settler Unit	As per requirement
271.	Bench Equipment: Microreactors	As per requirement
272.	Pilot Equipment: Microreactors	As per requirement
273.	Process Modelling Software	As per requirement
274.	Thermodynamic Software	As per requirement
275.	Pumps	As per requirement
276.	Mass Flow Controllers	As per requirement
277.	Online Meters	As per requirement
278.	Membrane	As per requirement
279.	Resins	As per requirement
280.	Water plant	As per requirement
281.	3D Printer	As per requirement
282.	Gas Samplers	As per requirement
283.	Gas Sensor	As per requirement
284.	Gas Analyzers	As per requirement
285.	Planetary Mills	As per requirement
286.	Magnetic Separator	As per requirement
287.	Eddy Current Separator	As per requirement
288.	Magnetic Hysteresis measurement device	As per requirement
289.	Electro Membrane Cells	As per requirement
290.	Electrodialysis Cells	As per requirement
291.	Dialysis Membrane cells	As per requirement
292.	Polymer Synthesis Reactor	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

293.	Biophoto Reactor Assembly	As per requirement
294.	Vacuum Induction Melting Furnace	As per requirement
295.	Fabrication of Equipment set-up for making Bioplastic Pellet from Microbial and other agricultural biomass	1 Set
296.	Electrochemical Analyzer/Workstation	As per requirement
297.	Digital Storage Oscilloscope	As per requirement
298.	Digital Optical Microscope	As per requirement
299.	Dynamic Gas Dilution and Analysis Setup	As per requirement
300.	Gas Chromatograph integrated with MS/HPLC	As per requirement
301.	UV-Vis Spectrophotometer	As per requirement
302.	Portable Power Supply	As per requirement
303.	Software	As per requirement
304.	PV panel-Electrolyser Cell	1 No
305.	Photocatalytic Reactor	1 No
306.	Biomass Grinder/Hammer Mill	As per requirement
307.	Biomass Mixture	As per requirement
308.	Biomass Pelletizer	As per requirement
309.	Heating Mantle	As per requirement
310.	Sonicator	As per requirement
311.	ICP-OES	1 No
312.	Microwave Pyrolysis Reactor	1 No.
313.	Hot Press	As per requirement
314.	Recirculating Heater cum Chiller system with refrigerant	1 No.
315.	55” Digital Signage	20 Nos
316.	Digital Signage CMS Software License(Perpetual)	20 Nos
317.	CMS Software	1 Nos
318.	Rheometer	1 Nos
319.	Facts Age Software, FACT-Pure Substances Database, FACT-Solutions Database Package, SGTE-Solutions Database	1 Unit
320.	Hybrid Arc Furnace	1 No.
321.	Pilot Scale Knelson Concentrator (Knelson KC-MD7.5 + MD 4.5 Retrofit Kit Concentrator w/G4 concentrating cone)	1 Unit
322.	Material vessel for suspension feeder – Pressure feed tank SS 5 liter, 6 bar with pneumatic Agitator	1 Unit
323.	High Temperature Vacuum Arc Reactor	1 Unit
324.	PCB Recycling Set Up-125 kg/hr capacity	1 Unit
325.	Peristaltic Pump Drive	As per requirement
326.	Multichannel Pump Head	As per requirement
327.	Boom Barrier	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

328.	Charcoal Briquette Making Machine with charcoal binder pan roller mixture	1 No

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

Sl. No.	Item Description	Quantity
1.	Laboratory Chemicals	As per requirement
2.	Solvents	As per requirement
3.	Glassware	As per requirement
4.	Plastic Ware	As per requirement
5.	Consumables for Printer, Copier etc.	As per requirement
6.	Spare Parts of Equipment	As per requirement
7.	Miner Software	As per requirement
9.	Other Research Consumables	As per requirement
10.	Office Stationary	As per requirement
11.	Consumables for CIVIL, Electrical, Refrigeration, Horticulture etc.	As per requirement
12.	Spares for existing lab equipment	As per requirement
13.	Spares for existing plant equipment	As per requirement
14.	Spares for Inverter	As per requirement
15.	Spares for UPS backup	As per requirement
16.	Spares for DG	As per requirement
17.	Maintenance for existing lab equipment	As per requirement
18.	Maintenance for existing plant equipment	As per requirement
19.	Maintenance for Inverter	As per requirement
20.	Maintenance for UPS backup	As per requirement
21.	Maintenance for DG	As per requirement
22.	Auxiliaries for existing lab equipment	As per requirement
23.	Auxiliaries for existing plant equipment	As per requirement
24.	Auxiliaries for Inverter	As per requirement
25.	Auxiliaries for UPS backup	As per requirement
26.	Auxiliaries for DG	As per requirement
27.	Uttariya and Khadi Products	As per requirement
28.	Handicraft Items	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Updated on 23.01.2026**

CSIR-IMMT Annual Procurement Plan

Annual Procurement Plan for the Year 2024-2025		
Sl. No.	**Item Description**	**Quantity**
1.	ICP-MS	1 No
2.	CNC Wire Cut EDM Machine with Voltage stabilizer, CAM Software with Computer system.	1 No
3.	LED Panel(Screen)	1 No
4.	LPG Fired Scada Furnace	1 No
5.	Origin lab Pro Academic Use Network Perpetual Licence	1 No
6.	Gaussian Software(Gaussian 16 and Gauss View 6)	1 No
7.	Wifi Access Point	1 No
8.	Chem Draw Software	1 No
9.	Three Roller Hydraulic Pipe Bending Machine	1 No
10.	Grinding Jar of Tungsten Carbide	1 No
11.	Source Meter with Probes	1 No
12.	Workstation	1 No
13.	DC/AC Current Source	1 No
14.	Portable Flue Gas Analyzer	1 No
15.	Pellet Volume Measuring Instrument	1 No
16.	FTIR real time gas Analyser	1 No
17.	Source Meter	1 No
18.	Diaphragm Vacuum Pump	1 No
19.	Rotary Sieve Shaker	1 No
20.	Metallurgical Optical Microscope with Camera, Software and accessories	1 No
21.	Bond's Work Index Ball Mill	1 No
22.	Fume Hood, Chemical Storage, Working Table, Gas Line, Vaccume Decicator, Safety Gadgets etc.	As per requirement
23.	Pilot Plant for Extraction of PGE elements	1 Set
24.	Laptop	As per requirement
25.	Hot Plate	As per requirement
26.	Furnace	As per requirement
27.	Fume Hood	As per requirement
28.	Computer Workstation	As per requirement
29.	Spin Coater	As per requirement
30.	Vacuum Mixer	As per requirement
31.	Split AC 1.5/2.0 Ton etc.	As per requirement
32.	Tower AC	As per requirement
33.	Cutting Machine	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Last Updated on 31.01.2025.**

CSIR-IMMT Annual Procurement Plan

34.	Analytical Balance	As per requirement
35.	Gas Chromatograph	As per requirement
36.	Electrical Panel	As per requirement
37.	Crimping Machine	As per requirement
38.	Fume Hood	As per requirement
39.	Motorized Worm	As per requirement
40.	Laboratory Furniture	As per requirement
41.	Sample Collection Bag	As per requirement
42.	Vacuum Pump	As per requirement
43.	PH Meter	As per requirement
44.	Hydrothermal	As per requirement
45.	Mass Flow Controller	As per requirement
46.	Microscope	As per requirement
47.	Magnetic Stirrer	As per requirement
48.	Pelletizing Disc	As per requirement
49.	Vacuum Desiccator	As per requirement
50.	Variable Frequency Drive	As per requirement
51.	Hydrothermal bomb heating	As per requirement
52.	Programmable AC-DC Power Source	As per requirement
53.	Sound Systems	As per requirement
54.	Centrifuge	As per requirement
55.	Automatic Weather Station	As per requirement
56.	Surveillance system	As per requirement
57.	Press Die	As per requirement
58.	Contact angle Meter	As per requirement
59.	Various size Glass Jacketed Reactor	As per requirement
60.	IP Camera	As per requirement
61.	Bench Scale Pot Grate System	As per requirement
62.	Automatic Pull-Off Adhesion Gauge	As per requirement
63.	Laser Cutting Machine	As per requirement
64.	Various Gas Cylinder with Gas	As per requirement
65.	High Pressure reactor	As per requirement
66.	Polishing Machine	As per requirement
67.	PTEF Liner	As per requirement
68.	Various Pumps	As per requirement
69.	Corrosion testing Machine	As per requirement
70.	DC Power Supply Unit	As per requirement
71.	Coin Cell Electrode	As per requirement
72.	Desiccator	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Last Updated on 31.01.2025.**

CSIR-IMMT Annual Procurement Plan

73.	Vibratory Cup Mill	As per requirement
74.	Assay Kit	As per requirement
75.	Central gas Distribution System	As per requirement
76.	Lab Roll Crusher	As per requirement
77.	Slurry Coating Machine	As per requirement
78.	Leas Silver Sheet	As per requirement
79.	Rectifier Unit	As per requirement
80.	Various size Graphite Crucible	As per requirement
81.	PKI Green Injection	As per requirement
82.	Electrochemical Device	As per requirement
83.	Probe Sonicator	As per requirement
84.	Crimping Machine	As per requirement
85.	Magnetic Stirrer	As per requirement
86.	Lithium Air Battery	As per requirement
87.	Various size Batteries	As per requirement
88.	Electrolyzer test Kit	As per requirement
89.	Glassy Carbon	As per requirement
90.	Animal cell culture media	As per requirement
91.	Dip Coating system	As per requirement
92.	Agate Mortar	As per requirement
93.	Automated Coating system	As per requirement
94.	Plasma cleaner	As per requirement
95.	Rotary Evaporator	As per requirement
96.	Enamel Try	As per requirement
97.	Automated Compression Testing Machine	As per requirement
98.	Various Hot Plates	As per requirement
99.	Analytical Balance	As per requirement
100.	Various Size Ball Mill	As per requirement
101.	Glass Jacketed Reactor	As per requirement
102.	Various size Vacuum Pump	As per requirement
103.	Electrochemical Machine	As per requirement
104.	Acrylic Sheet	As per requirement
105.	Crimping Machine	As per requirement
106.	Graphite Rod	As per requirement
107.	Desktop Computers/Printers/ Scanners/ Photocopier Machine etc.	As per requirement
108.	PHOENICS	1 No
109.	Water purification system	1 No
110.	Rectifier Transformer Unit (Compact Rectifier)	1 No

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Last Updated on 31.01.2025.**

CSIR-IMMT Annual Procurement Plan

111.	Screw Air Compressor	1 No
112.	Chemisorption Analyzer	1 No
113.	Vertical Tank Pump	1 No
114.	Electric Arc Furnace	1 No
115.	ICP-OES	1 No
116.	500L Teflon Reactor	1 No
117.	RF Sputtering System except TMP pumping station	1 No
118.	Integrated system of Spray Dryer with Conveyor System with heating facility	1 No
119.	50L PTFE Sleeved reactor with reflux system & PID Controls	1 No
120.	Fretting Wear Tester	1 No
121.	Multichannel Electrochemical Workstation	1 No
122.	Automated Batch Leaching Reactor	1 No
123.	Davis Tube Tester	1 No
124.	Integrated Solvent Extraction Pilot Plant	1 No
125.	Integrated Generic Molten Salt Electrolysis System	1 No
126.	6 axis Robotic Arm, Controller and Tilting turn table	1 No
127.	Laser Diffraction Based Particle Size Analyzer	1 No
128.	High Intensity Disc Magnetic Separator	1 No
129.	Rectifier Transformer Unit	1 No
130.	Multi Gas Calibrator	1 No
131.	Leaching Reactor System	1 No
132.	Colour Based Ore Sorter	1 No
133.	Large Scale Coke Oven	1 No
134.	Hot Rolling Mill	1 No
135.	50L Glass Reactor with Probe and PID Controls	1 No
136.	Fine Particulate Dust Sampler	As per requirement
137.	Respirable Dust Sampler	1 No
138.	Personal Ozone Monitor	1 No
139.	Continuous Rotary Drum tribo-charger	1 No
140.	Mixer-Settler	1 No
141.	Gas Cylindrical Rflux and Reaction Distillation unit (50L)	1 No
142.	Fabrication of Equipment set-up for making Bioplastic Pellet from Microbial and other agricultural biomass	1 No
143.	High Temperature Fluidized Bed Reactor	1 No
144.	Coke making Tunnel Furnace	1 No
145.	2DX right Backhoe Loader	1 No
146.	Facts Age Software, FACT-Pure Substances Database, FACT, FACT-Solutions Database Package, SGTE-	1 Unit

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Last Updated on 31.01.2025.**

CSIR-IMMT Annual Procurement Plan

	Solutions Database	
147.	WD-XRF	1 No
148.	Electrometer	1 No
149.	High Frequency Impedance Analyzer	1 No
150.	Straight Grate Pellet Pilot Plant	1 Unit
151.	Vertical Shaft Furnace	1 No
152.	Tractor with semi-trailer	1 No
153.	Roller Mill	As per requirement
154.	Software for Materials research/simulation	1 No
155.	Probe Sonicator	As per requirement
156.	DRIFT in-situ FTIR	1 No
157.	Biomass Pelletizer	1 No
158.	Tank Reactor/Bio-digestor	1 No
159.	Hydrogen Gas Generator	As per requirement
160.	Nitrogen Gas Generator	As per requirement
161.	High Temperature Granulator	1 No
162.	Automated Lithium Precipitating Unit with CO_2 purging facility	1 Unit

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Last Updated on 31.01.2025.**

CSIR-IMMT Annual Procurement Plan

Sl. No.	Item Description	Quantity
1.	Laboratory Chemicals	As per requirement
2.	Solvents	As per requirement
3.	Glassware	As per requirement
4.	Plastic Ware	As per requirement
5.	Consumables for Printer, Copier etc.	As per requirement
6.	Spare Parts of Equipment	As per requirement
7.	Miner Software	As per requirement
9.	Other Research Consumables	As per requirement
10.	Office Stationary	As per requirement
11.	Consumables for CIVIL, Electrical, Refrigeration, Horticulture etc.	As per requirement

***This is a tentative list. The publication of this list shall not be construed as initiation of a procurement process and cast any obligation on CSIR-IMMT to issue the bidding document or confer any right on prospective bidders (Rule 144(x) of GFR 2017).**

**** Last Updated on 31.01.2025.**