

Annual Procurement Plan 2022-23	
Sl. No.	Name of the equipment
1	Injection blower (5kg capacity)
2	Granulation unit
3	Leather buffing unit
4	IPCE (with AC+DC)
5	Centrifuge *6000rpm (4*15ml)
6	Micro centrifuge *20000rpm (1.5-2ml)
7	pH Meter
8	Micropipettes 200µl-1ml x3
9	Micropipette 10µl-100 µl x3
10	Micropipette 0.5-2 µl x3
11	Micropipette 20µl-200 µl x3
12	Micropipette 2-20 µl x3
13	CO ₂ incubator
14	Multimode plate reader
15	Portable Air Quality Monitor (PM 10 and PM 2.5)
16	Onsite water testing Kit
17	Noise level meters (5 nos)Along with tripod stand
18	GPS with shape file tracking
19	Risk Assessment Software (PHAST V-8)
20	Vertical Band saw (For workshop)
21	Clean-room chemical hood for photolithography (Minor Equip.)*Important requirement form semi-clean room which is already approved under lab funds
22	De-humidifier for semi-clean room(Minor Equip.)*Important requirement form semi-clean room which is already approved

23	Online Gas Analyzer This can be given priority because this facility is really essential for CO2 capture and utilization technology to prove in bench/pilot scale level to the industries(Minor Equip.)
24	Shaker incubator
25	96 well-plate centrifuge
26	Mini-centrifuge
27	Chassis Core Switch
28	ID Card Printer
29	Fluorescence inverted Microscope
30	Vaccum Filtration kit including pump
31	Immersion Julabo for low-temperature reaction
32	Measurement stage with a mini probe station and jigs
33	Femtosecond Transient absorption pump probe infrared spectrometer
34	Electronic semi micro balance
35	UV-viewing cabinet +PH meter
36	FE SEM
37	HRMS
38	Rheometer
39	UPLC-Orbitrap Mass Spectrometer
40	Deep Freezer -800C
41	Radio frequency dryer
42	Differential Scanning Calorimetry (DSC)
43	Grab sampler
44	Soil Auger
45	Microbalance
46	Flowmeter (Plankton nets)
47	TCLP analyzer

48	VOC meter
49	GC-MS
50	Personal dosimeters (Collar mounted)
51	Passive air samplers
52	Calibrated BTEX Monitors
53	Indoor air quality monitor
54	Compression testing machine
55	Flexure testing machine
56	Flow table apparatus
57	Vicat apparatus
58	Desktop Computer
59	Pump and accessories
60	HPLC coupled Atomic Fluorescence Spectrometer (HPLC-AFS)
61	Pilot scale fermentation
62	HPLC system with RI detector for sugar analyses
63	Lyophilizer with necessary Accessories
64	Inverted Epifluorescence customizable microscope
65	Plant Growth Chamber
66	Analytical Balance
67	Benchtop autoclave
68	Pugmill/Grinder
69	Bio safety cabinet
70	Inverted microscope with camera facility
71	Water bath
72	Horizontal shaking water bath
73	Cooling centrifuge
74	Vibrational Circular Dichroism Spectrometer & Circular Dichroism (CD) spectro-polarimeter
75	Atomic force microscope
76	Precision Impedance Analyzer with temperature controller unit
77	EDXRF
78	High temperature corrosion testing facility High temperature (1800oC) tube furnace with provision for mixtures of gas purging set up TGA coupled with QMS
79	Power compensated Differential Scanning Calorimeter
80	Chemical Reactor with Accessories
81	Table Top Glove box

82	Fiber Optic Spectrometer with variable angle reflection accessories
83	Printer for XPS facility
84	Laser Jet Printers
85	Fume hood
86	Glass Quenching Facility
87	Density Index Unit
88	High Temp Heating and P{ul Rod with collets for Mechanical Test system
89	Solar Simulator
90	Water Quality Analyzer
91	NMR Spectrometer
92	Table-top Single Crystal X-ray Diffractometer
93	Circular Dichroism Spectrometer
94	Mortar grinder with Agate Mortar, Agate Pestle, Scraper PTFE
95	Dynamic light scattering and Zeta Potential Measurement Instrument
96	Accelerated Testing Equipment
97	UV-vis spectrophotometer with integrating sphere
98	Customized bi-potentiostat
99	High precision microbalance
100	Muffle furnace
101	Vacuum oven
102	Rotary evaporator
103	Magnetic stirrers
104	Overhead stirrer
105	Multiparameter analyzer
106	Fine particular Sampler
107	COD digester
108	Air compressor
109	BOD incubator
110	Refrigerator
111	Chemical Balance
112	Weighing balance
113	Plankton nets
114	Conductivity meter
115	Photochemical Reactor with Light of Tunable Intensity

Disclaimer:

The procurement plan (2022-23) is not intimation of procurement by CSIR-NIIST, Trivandrum.

In addition, this procurement plan does not cost any obligation on Director, CSIR-NIIST to issue bidding document. Prospective bidders may take note of this plan.

The procurement is subject to fund availability during the current financial year.

The Annual procurement plan is subject to updation on commencement of new programmes/projects and other emergency requirements/replacements subject to fund availability in the Financial Year 2022-2023.