

NPL Project Procurement List 2025-26 as on Sep 11 , 2025

S.No.	Item Name	Recurring / Non-Recurring	Project No.	Qty.
1	Beam expander	Recurring	FBR 010302	1
2	Electronic components	Recurring	FBR 010302	As per requirement
3	Lenses, mirrors, orifice etc.	Recurring	FBR 010302	3,3,3
4	Hygrometer	Non-Recurring	FTT 070507	1
5	Various consumables: Such as acetone, IPA, HNO ₃ , H ₂ SO ₄ , AgNO ₃ , H ₂ O ₂ , KOH, Ag wires, Al wires, Indium-Gallium alloy, PCBM, PEDOT:PSS, PEDOT:FOrganic Additives, Silicon wafers, any other required chemicals, etc.	Recurring	GAP 230632	As per requirement
6	Misc. Spares of thermal evaporation system, such as backing roughing valves, KF15 and KF 25 clamps with O-rings and O-ring holder, 1" SS bellow with KF 25 flanges and length of 500 MM, diffusion pump assembly, Mo boats, Tungsten(W) filaments, etc.	Recurring	GAP 230632	As per requirement
7	Aerosol Particle Spectrometer (APS) with Counter	Non-Recurring	GAP 181132	1
8	Electrical Low Pressure Impactor Sampler	Non-Recurring	GAP 181132	1
9	Gas Leak Detection system/ sensor	Non-Recurring	GAP 181132	2
10	Gas Management System	Non-Recurring	GAP 181132	1
11	Furniture (computer table, Chair, Working table)	Non-Recurring	GAP 181132	
12	AC (2 ton)	Non-Recurring	GAP 181132	4
13	Repalcement of Outdoor unit centralised Lab AC system	Non-Recurring	GAP 181132	1
14	Gases(SO ₂ /CO ₂ /NO ₂ /NO/CO/NH ₃ /Propane/Metahne /HCl/TOC/BTEX/Oxygen/Nitrogen etc.)	Recurring	GAP 181132	As per requirement
15	Spare parts for testing & calibration facility	Recurring	GAP 181132	As per requiremnet
16	Dual Frequency Comb Based THz Comb	Non-Recurring	MMP 015201	1
17	Optics, Mirrors, Mounts, streeing mounts, base, base plate, pin holes, prism, Various crystals, Beam splitters, Lenses, Wires, connecting cables, X-Y-Z stages, Soldering Iron, Multimeter, various connectors, Cartridges etc., Electronic components, Chemicals: cleaning reagents, (isopropyl alcohol, ethanol, methyl alcohol, Acetone etc. Cleaning Tisstue papers	Recurring	MMP 015201	As per requiremnet
18	Stationary items: Box files, ring folder, A4 size papers etc. Lab consumables, muslin cloth, WD 40, extension boards, Teflon tape, scotch tape, lab slippers etc. Fabrication of test set-up, computer accessories, etc	Recurring	MMP 015201	As per requiremnet
19	Customized Optics including cross correlator	Recurring	MMP 015201	1
20	Laser interferometer (Including all below items)	Non-Recurring	TSP 231232	5
21	Mechanical Bed*	Non-Recurring	TSP 231232	6
22	Microscopic High Resolution Camera and related accessories	Non-Recurring	TSP 231232	5

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23	Laptop / Desktop / laser printer with Dual Monitor	Non-Recurring	TSP 231232	5
24	Optics, Mirrors, Mounts, base, base plate, Beam splitters, Lenses, Wires, connecting cables, Electronic components, PZT, Soldering Iron, Multimeter, various connectors, Cartridges etc.	Recurring	TSP 231232	As per requirement
25	Lab consumables, muslin cloth, WD 40, extension boards, Teflon tape, scotch tape, lab slippers etc.)	Recurring	TSP 231232	As per requirement
26	Chemicals: cleaning reagents, (isopropyl alcohol, ethanol, methyl alcohol, Acetone etc. Cleaning Tissue papers	Recurring	TSP 231232	As per requirement
27	Stationary items: Box files, ring folder, A4 size papers etc.	Recurring	TSP 231232	As per requirement
28	Dry Vacuum Pump 90L	Non-Recurring	GAP 230932	1
29	Temperature Controller with software	Recurring	GAP 230932	One
30	Flexible Helium Conduit	Recurring	GAP 230932	One Pair
31	High Purity Materials and susbtartes	Recurring	GAP 230932	As per requirement
32	Low Loss RF Cable N type (up to 18GHz)	Recurring	GAP 240432	2
33	Low Loss RF Cable 2.4mm (up to 50 GHz)	Recurring	GAP 240432	2
34	Fabrication of metallic Test Objects	Recurring	GAP 240432	As required
35	Mass comparator, 200 g, 1 micro gram	Non-Recurring	GAP 240232	1
36	Rheometer	Non-Recurring	GAP 240232	1
37	Viscometer	Non-Recurring	GAP 240232	1
38	Mass compactor, 1 kg, 1 micro gram	Non-Recurring	GAP 240232	1
39	Gear Tester/gear measuring machine	Non-Recurring	GAP 240232	1
40	Absolute gravimeter	Non-Recurring	GAP 240232	1
41	Refractive index testing machine	Non-Recurring	GAP 240232	1
42	Guarded hot plate apparatus	Non-Recurring	GAP 240232	1
43	Moisture analyzer with forced convection oven	Non-Recurring	GAP 240232	1
44	Water vapour permeability analyzer	Non-Recurring	GAP 240232	1
45	Clinical thermometer testing apparatus	Non-Recurring	GAP 240232	1
46	Thermal humidity cycling chamber	Non-Recurring	GAP 240232	1
47	Radiant Heat Flux Sensing Apparatus Sensing	Non-Recurring	GAP 240232	1
48	Illuminance/Luminous Intensity Measurement Apparatus	Non-Recurring	GAP 240232	1
49	Power Supply (AC)	Non-Recurring	GAP 240232	2
50	Photo Current meter	Non-Recurring	GAP 240232	1
51	Luminance Meter	Non-Recurring	GAP 240232	1
52	Power analyzer	Non-Recurring	GAP 240232	2
53	Brinell Hardness Machine	Non-Recurring	GAP 240232	1
54	Balance for Low Force Measurement	Non-Recurring	GAP 240232	1
55	Fiber Bragg Grating Force Sensor with interrogator	Non-Recurring	GAP 240232	1
56	Linear Encoder	Non-Recurring	GAP 240232	1
57	5 MN Force Machine	Non-Recurring	GAP 240232	1
58	Ultrasonic Pulse Velocity Tester with suitable transducers	Non-Recurring	GAP 240232	1

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59	Acoustic emission testing Apparatus	Non-Recurring	GAP 240232	1
60	Phased array Ultrasonic Flaw Detector	Non-Recurring	GAP 240232	1
61	Up-gradation of Microphone Calibration Facility using Insert Voltage method in range 20 Hz to 25 kHz	Non-Recurring	GAP 240232	1
62	Up-gradation of Acoustic Free-Field Calibration and Testing Apparatus	Non-Recurring	GAP 240232	1
63	Up-gradation of Reverberation Chamber and Testing equipment for acoustical materials	Non-Recurring	GAP 240232	1
64	Development of PVTt (Primary gas flow standard)	Non-Recurring	GAP 240232	1
65	Signal Generator with power (built in or additional) amplifier (D band, 110GHz-170GHz) with vector software	Non-Recurring	MMP 015201	1
66	D bends 90 degree waveguide E plane-2 H plane-2	Recurring	MMP 015201	as per requirement
67	D Band waveguide flange, connectors, adapters	Recurring	MMP 015201	as per requirement
68	Waveguide calibration kit	Recurring	MMP 015201	Set
69	Office Lab furnishing & furnirure repair	Recurring	MMP 015201	as per requirement
70	RF Shielding curtains	Recurring	MMP 015201	as per requirement
71	International conferences APMP and national conference	Recurring	MMP 015201	as per requirement
72	Design and Fabrication	Recurring	MMP 015201	as per requirement
73	0.75 circular flang -waveguide	Recurring	GAP 240532	4
74	Rubidium Ampoule and chemicals	Recurring	GAP 240532	as per required
75	Glass ware and Plastic ware	Recurring	GAP 240532	as per required
76	Full range gauge with connecting cable	Recurring	GAP 240532	1 set
77	Glass blowing job works	Recurring	GAP 240532	as per required
78	Compact phase shifter ,Bulkhead adapter	Recurring	GAP 240532	as per required
79	NA			
80	NA			
81	Data server	Non-Recurring	FBR 010307	1
82	falsh card for NTP server	Recurring	FBR 010307	As per requirement
83	non comprehensive AMC for spectracom NTP server for 2 years	Recurring	FBR 010307	20 NTP server
84	Electronic boards, Electronic Modules, Minicomputer, Electronic accessories and electronic consumables	Recurring	FBR 010307	As per required

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85	RF cables, connectors, electrical/electronic accessories, optical accessories, optical fiber connectors, cables, fiber spools, SFPs etc commercial software such as microsoft office and others computer consumables, R – pi, pendrive, hard drive, external hard drive, cables, wifi routers, camera, headphone, keyboards, mouse, and other computer accesserie electrical consumables such as power extension boards, adaptors etc	Recurring	FBR 010307	As per required
86	High stability liquid temperature bath	Non-Recurring	TSP 231032	6 nos.
87	SPRT	Non-Recurring	TSP 231032	6
88	Precision Temperature Indicator	Non-Recurring	TSP 231032	6
89	Centrifuge System with accessories	Non-Recurring	TSP 231032	6
90	Reading Telescope, digital Camera with display and mounting accessories	Non-Recurring	TSP 231032	6
91	Computer, Monitor, Laser Printer, UPS and accessories	Non-Recurring	TSP 231032	6
92	Multichannel data logger with 12 PRT PT-100	Non-Recurring	TSP 231032	1 set
93	Digital Thermo Hygrometer	Non-Recurring	TSP 231032	6
94	Ice Flakes Machine with accessories	Non-Recurring	TSP 231032	1
95	Climatic Chamber for environment test	Non-Recurring	TSP 231032	7
96	Ga and In blackbody fixed points with furnace	Non-Recurring	TSP 231032	1
97	Climatic chamber	Non-Recurring	TSP 231132	6
98	Workstation	Non-Recurring	TSP 231132	1
99	Pressure regulator	Non-Recurring	TSP 231132	7
100	Pressure and temperaure control system	Non-Recurring	TSP 231132	1
101	Pressure sensors	Non-Recurring	TSP 231132	7
102	Computer with PCI express slot & peripherals like keyborad, mouse and monitor or latest in build system	Non-Recurring	TSP 231132	7
103	DAQ Card	Non-Recurring	TSP 231132	7
104	Job Work for fabrication of mechanical bench and some spare parts	Recurring	TSP 231132	as per req.
105	Software solution	Recurring	TSP 231132	as per req.
106	Consumable for water purification system	Recurring	GAP 114732	1
107	Furniture repairs-chair different type, wooden tables	Recurring	MMP 015201	as per req.
108	Office furnishings-Antistatic /EDS Mat	Recurring	MMP 015201	5 Roll
109	Curtain RF Shielding 24x24 inches	Recurring	MMP 015201	40 Nos
110	90° E Plane waveguide bend	Recurring	MMP 015201	2
111	90° H Plane waveguide bend	Recurring	MMP 015201	2
112	Waveguide cal kit WR -28	Recurring	MMP 015201	1 set
113	Waveguide cal kit WR -42	Recurring	MMP 015201	1 set
114	D -Band compact phase shifter	Recurring	MMP 015201	1

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115	Fabrication of D Band components	Recurring	MMP 015201	As Per Req.
116	Gas Chromatograph with Helium Ionization Detector	Non-Recurring	OLP 236232	1
117	Filter tape for existing Aethalometer	Recurring	GAP 113432	10
118	FRM sampler	Non-Recurring	GAP 181132	2
119	Moku.Pro for AMR Sensors	Non-Recurring	MMP 015203	1
120	Consumable for water purification system (ELIX 3 LPH EDI MODULE)	Recurring	GAP 161632	1
121	400 mm focal Length PX Lens (200mm Diameter) with C mount adapter	Recurring	IHP 240232	1
122	Aligned Compact Motorized Linear Stage, 15mm Travel	Recurring	IHP 240232	1
123	Aligned Compact Motorized Rotation Stage, 360 Rotation	Recurring	IHP 240232	1
124	Compact Motorized Stage Controller with Tunable power	Recurring	IHP 240232	1
125	Tunable piezo Metric micrometer stage with z axis travel	Recurring	IHP 240232	1
126	Piezo Assist Micrometer Stage Controller, 1 Axis with Tunable Power	Recurring	IHP 240232	1
127	12 V power supply with interchangeable plugs	Recurring	IHP 240232	1
128	Components DIY kit for 3D printer and accessories	Recurring	IHP 240232	1
129	Framing and fabrication of the customised components	Recurring	IHP 240232	As per Req.
130	Parabolic mirrors	Recurring	IHP 240232	4
131	LC variable retarder, Uncompensated, 1" Dia 450-700nm	Recurring	HCP 2502	1
132	STO(100), STO(110) and LAO(100) (Size: 10 X 10 mm,One Side Polished , Thickness: 0.5 mm)	Recurring	FIR 010301	10 each
133	FeSe (Fe:Se =1: 0.88) at % , Diameter: 1 inch , Purity: 99.99 % ,Thickness: 3 mm	Recurring	FIR 010301	1
134	Filament heater for 2" Wafer with motorised substrate rotation (0-20 rpm)	Recurring	FIR 010301	1
135	CF-100 flange with manual shutter in confocal configuration with support frames.	Recurring	FIR 010301	2
136	IKR 251 penning gauge on CF-35 + TPR 270 pirani gauge on CF-16	Recurring	FIR 010301	1
137	CF-63 manual gate valve (Isolation Valve)	Recurring	FIR 010301	2
138	Inspection, service and Training of Hybond Multipurpose Wire bonder	Recurring	FIR 010301	1
139	He Gas 5N(99.999%) ,5 cylinders (7 cubic meter)	Recurring	FIR 010301	5
140	Automation of DR measurment software using LabVIEW	Recurring	FIR 010301	1

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NPL Project Procurement List 2025-26 as on Sep 11 , 2025

141	Originlab professional v2025, academic use node locked perpetual license	Recurring	FIR 010301	2
142	FPGA development board, adapter boards and accessories	Recurring	GAP 231032	as per requirement
143	TIC boards	Recurring	GAP 231032	6
144	GNSS signal splitter	Recurring	GAP 231032	1
145	RF cables	Recurring	GAP 231032	as per requirement
146	RF connectors & Adapters	Recurring	GAP 231032	as per requirement
147	NavIC receiver modules , boards, chipsets	Recurring	GAP 231032	as per requirement
148	Portable half rack with UPS and batteries system	Non-Recurring	GAP 231032	1
149	NaVIC reference receiver	Non-Recurring	GAP 231032	1
150	Atomic Frequency Standard	Non-Recurring	GAP 231032	1
151	Workstation	Non-Recurring	GAP 250432	1
152	Web Camera	Recurring	TSP 231132	45
153	Symposium/seminar/workshop registration charges	Recurring	TSP 231132	as per requirement
154	S & T Publication	Recurring	TSP 231132	as per requirement
155	Mechanical Components	Recurring	TSP 231132	as per requirement
156	Packaging, Freight Charges	Recurring	TSP 231132	as per requirement
157	Zero Air Generator	Non-Recurring	OLP 235932	1
158	Repair of existing optical tables	Recurring	OLP 235932	3
159	Scrubbers for Zero air generator (Make: Teledyne, Model 701)	Recurring	OLP 235932	2
160	Vacuum enclosure	Recurring	OLP 235932	1
161	Airflow resistivity setup fabrication	Recurring	IHP 250132	1
162	Composite material fabrication setup	Recurring	IHP 250132	1
163	wires, cables, insulated tools such as cutter, plier, plier, toolkit with insulated tools, webcam, specialized manual shredder, specialized sieves, specialized magnetic beads,specialzed die mold, specialized weighing scale, customized vernier caliper, customized screw gauge,rechargeable cells with chargers, customized ear muffs, RPI, Zetson nano, etc.	Recurring	IHP 250132	as per requirement
164	upgradation and repairing of existing computer with computer consumables and softwares such as windows 11, microsoft office, editable pdf software etc.	Recurring	IHP 250132	as per requirement
165	Noise and vibration isolation fixture	Recurring	IHP 250132	1
166	Microphones with calibration certificate, preamplifier, LEMO connector, etc.	Recurring	IHP 250132	1
167	Sound Absorption Software	Recurring	IHP 250132	1

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168	Chemicals, epoxy, polyester resins, polyvinyl alcohol, polyvinyl acetate, sodium hydroxide and adhesives etc.	Recurring	IHP 250132	as per the requirement
169	Registration fees, standards, etc	Recurring	IHP 250132	as per requirement
170	Radon Gas Sniffer/ Logger/ Dosimeter	Non-Recurring	OLP 236332	1
171	Infrasonic Sensor with Accessories and data Analysis	Non-Recurring	OLP 246832	1
172	Die mould for making graphite composite plate of size 10 cm x10 cm (consists of graphite core side, cavity plate side, punch part, back plate, punch black plate, pillar spacer, injector pins, injector plate etc)	Recurring	CLP 230232	1
173	Die mould for making graphite composite plate of size 12.5 cm x12.5 cm with flow field channel in both side ((consist of consist of graphite core side with flow filed channels, cavity plate side, punch part with flow filed channel, back plate, punch black plate, pillar spacer, injector pins, injector plate, heater up to 200C etc)	Recurring	CLP 230232	1
174	Mold releasing agent	Recurring	CLP 230232	5
175	Epoxy resin with harder	Recurring	CLP 230232	10 kg
176	PVDF polymer	Recurring	CLP 230232	10 kg
177	Force comparator with coil	Non-Recurring	HCP 55	1
178	Permanent Magnet system	Non-Recurring	HCP 55	1
179	Optics, Laser (primary realization option) + Laser Interferometer measurement system	Non-Recurring	HCP 55	4 sets
180	Vacuum system, Translation Stages, Mechanics	Non-Recurring	HCP 55	1
181	Sensors and control electronics	Non-Recurring	HCP 55	1 Set
182	Precision voltmeters	Non-Recurring	HCP 55	4
183	Programmable current sources	Non-Recurring	HCP 55	4
184	15 t crane and other accessories.	Non-Recurring	HCP 55	1
185	High precision resistors with air bath	Non-Recurring	HCP 55	1
186	work station (one)	Non-Recurring	HCP 55	1
187	Creation of laboratory with precision mounting and environment control system	Non-Recurring	HCP 55	1
188	Low noise current source	Non-Recurring	HCP 55	1
189	Nano-voltmeter	Non-Recurring	HCP 55	1
190	SPRTs (Capsule and Long-Stem)	Non-Recurring	HCP 55	2, 2
191	¼ inch Microphones (08 nos) and Loudspeakers (04 nos) 1-100 kHz	Non-Recurring	HCP 55	4
192	Pre-amplifiers (05 nos)	Non-Recurring	HCP 55	5
193	Actuator Supply (05 nos)	Non-Recurring	HCP 55	5
194	Acoustic Analyzer (two channel), 1-100 kHz	Non-Recurring	HCP 55	1
195	Waveform generator (100 kHz) and DAQ	Non-Recurring	HCP 55	1

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196	Microwave Probes (08 nos) – Specially developed	Non-Recurring	HCP 55	8
197	Vector Network Analyzer (up to 40 GHz)	Non-Recurring	HCP 55	1
198	Fabrication of copper cylindrical resonator, pressure vessel and assembly	Non-Recurring	HCP 55	1
199	Digital pressure indicator	Non-Recurring	HCP 55	2
200	Cartridge Heaters at resonator- pressure vessel and RTDs	Non-Recurring	HCP 55	2, 2
201	High precision digital thermometer	Non-Recurring	HCP 55	1
202	10 MHz frequency counter	Non-Recurring	HCP 55	1
203	Data acquisition IEEE GPIB cables and Labview software and DAQs	Non-Recurring	HCP 55	1 set
204	Lock-in-amplifier	Non-Recurring	HCP 55	1
205	LN2 circulator bath	Non-Recurring	HCP 55	1
206	Low temperature circulating bath (-80 °C)	Non-Recurring	HCP 55	1
207	T.P. of Argon with realization apparatus	Non-Recurring	HCP 55	1
208	Furnace for Cylindrical cavity resonator (1000 oC)	Non-Recurring	HCP 55	1
209	High temperature blackbody fixed points with furnace up to 3000 oC	Non-Recurring	HCP 55	1
210	Linear Spectral Pyrometer/Filter radiometer	Non-Recurring	HCP 55	1
211	Vibration free optical table and mounting accessories	Non-Recurring	HCP 55	2
212	81/2 DMM	Non-Recurring	HCP 55	1
213	(2P-2T Humidity Generator and Dew Point Hygrometer)	Non-Recurring	HCP 55	1
214	Equipment for Digital SI	Non-Recurring	HCP 55	4
215	UHV Deposition Chamber	Non-Recurring	HCP 55	1
216	Cryogen-free ultra-low noise cryostat in the temperature range 2-300K equipped with superconducting magnet, dual voltage and current biasing module, capabilities to rf coupling	Non-Recurring	HCP 55	1
217	Quantum Transport measurement system: Ultra-low noise electronics setup for quantum transport measurements (Lock-in amplifiers, current preamplifiers, SMUs, DC voltage source, spectrum analyzer, low current measurement unit, nanovoltmeter, temperature controller, ultra-low noise current amplifiers (ULCA) etc.)	Non-Recurring	HCP 55	1
218	Electro Optic Modulators	Non-Recurring	HCP 55	3
219	RF Drives and Amplifiers	Non-Recurring	HCP 55	3
220	Acousto-optic modulators	Non-Recurring	HCP 55	4
221	Vacuum Pumps, gauges & accessories	Non-Recurring	HCP 55	2
222	Frequency synthesizer/Function generator	Non-Recurring	HCP 55	4

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223	Clock Laser with ULE cavity with accessories	Non-Recurring	HCP 55	1
224	PMT detector	Non-Recurring	HCP 55	1
225	CCD/CMOS camera	Non-Recurring	HCP 55	1
226	Fast Photodiode	Non-Recurring	HCP 55	1
227	Nominal and small/minor equipment electrical, optical & fiber	Non-Recurring	HCP 55	1
228	Gaussmeter/Teslameter	Non-Recurring	HCP 55	1
229	Power/Energy meter	Non-Recurring	HCP 55	3
230	Optical isolator	Non-Recurring	HCP 55	4
231	Oscilloscopes	Non-Recurring	HCP 55	3
232	DC power supplies	Non-Recurring	HCP 55	2
233	Beam profiler	Non-Recurring	HCP 55	1
234	Laser and Wavemeter	Non-Recurring	HCP 55	1
235	Time Tagger	Non-Recurring	HCP 55	1
236	ECDL Laser Systems (one laser diode and one laser diode with amplifier) with frequency stabilization control electronics and associated accessories for Primary Frequency Standard	Non-Recurring	HCP 55	1
237	Wavelength meter with switch	Non-Recurring	HCP 55	1
238	RF spectrum analyzer upto 13.7 GHz	Non-Recurring	HCP 55	1
239	Turbo molecular pump	Non-Recurring	HCP 55	1
240	Microwave Cavities	Non-Recurring	HCP 55	2
241	IR Viewer	Non-Recurring	HCP 55	1
242	CCD Camera	Non-Recurring	HCP 55	1
243	Power meter for upto 4 W power	Non-Recurring	HCP 55	1
244	Mixed domain oscilloscope	Non-Recurring	HCP 55	1
245	Tunable microwave synthesizer	Non-Recurring	HCP 55	1
246	Fabry-Perot Interferometer	Non-Recurring	HCP 55	1
247	Regulated DC Power Supplies	Non-Recurring	HCP 55	4
248	Workstations	Non-Recurring	HCP 55	1
249	Function generator	Non-Recurring	HCP 55	2
250	Environment monitors	Non-Recurring	HCP 55	2
251	Data logger	Non-Recurring	HCP 55	1
252	Data Acquisition Cards with labview software	Non-Recurring	HCP 55	2
253	Shutters	Non-Recurring	HCP 55	6
254	Vacuum-air transfer system (Vacuum chamber/container, pumps, gauges, etc.)	Non-Recurring	HCP 55	1
255	Weighing balances	Non-Recurring	HCP 55	1
256	Volume/density measurement system	Non-Recurring	HCP 55	1
257	Standards weights – 1 kg, E0/E1 class	Non-Recurring	HCP 55	4
258	Standards weights – 1 mg to 50 kg, E0/E1 class (1sets)	Non-Recurring	HCP 55	1
259	Roundness machine - non-contact	Non-Recurring	HCP 55	1
260	Length Measuring Machine	Non-Recurring	HCP 55	1
261	Laser Interferometer (Pico Meter Distance Measurement)	Non-Recurring	HCP 55	1

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262	CCD/CMoS camera	Non-Recurring	HCP 55	5
263	Powder X-ray diffractometer	Non-Recurring	HCP 55	1
264	Environmental monitoring system (data logger)	Non-Recurring	HCP 55	6
265	Minor equipments (DC Power Supply, Jigs and Fixtures for holding the Si sphere, etc)	Non-Recurring	HCP 55	1
266	QHRS System comprising of; (i)12T Superconducting Magnet (solenoid based) with bipolar programmable magnet power supply (ii)Variable temperature insert having 12 pin TO8 holder with compatible temperature sensors and complete wiring for doing magneto transport measurement (iii)Provision for VTI (i.e. sample) to be align parallel as well perpendicular to magnetic field. (iv)Compatible cryogenic temperature controller , LHe level sensor, (v)DCC resistance bridge with 4 channel matrix scanner Dry scroll pump to achieve 1.3 K at sample	Non-Recurring	HCP 55	1
267	QHR Devices (i) GaAs/AlGaAs based and (II) Graphene based	Non-Recurring	HCP 55	1 each
268	Integrated Confocal Raman spectroscopy/micro-Raman Mapping - Multimode AFM system with accessories	Non-Recurring	HCP 55	1
269	Cryogenic Current Comparator (CCC) bridge/electronics for the highest precision measurement of resistance ratios at different levels from 1 Ohm to 1 MOhm	Non-Recurring	HCP 55	1
270	Source measuring Units, Current sources and Nanovoltmeter	Non-Recurring	HCP 55	1 each
271	Closed Cycle Refrigerator (CCR, 4.2 K-350 K)	Non-Recurring	HCP 55	1
272	Turbo molecular pump with backing pump	Non-Recurring	HCP 55	2
273	Two wavelength/Dual colour infrared optical pyrometer capable of measuring temperatures $\geq 2000^{\circ}\text{C}$ with interfacing kit	Non-Recurring	HCP 55	1
274	Throttle valve with controller	Non-Recurring	HCP 55	1
275	Thermally Stabilized Travelling Resistance Standards (1 - 1 MOhm)	Non-Recurring	HCP 55	1 each (total 6)
276	PRT thermometer with digital readout	Non-Recurring	HCP 55	2
277	High Precision Dual Channel Thermo-Hygrometer/ logger	Non-Recurring	HCP 55	2
278	JAWS chip Standalone 2V	Non-Recurring	HCP 55	1
279	Compatible Probe	Non-Recurring	HCP 55	1

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NPL Project Procurement List 2025-26 as on Sep 11 , 2025

280	Liquid Helium Dewar	Non-Recurring	HCP 55	1
281	Waveform Generator 30 MHz	Non-Recurring	HCP 55	1
282	High Speed Arbitrary Waveform Generators	Non-Recurring	HCP 55	1
283	2 Channel Broadband 50 GHz Modulator Driver/RF Amplifier	Non-Recurring	HCP 55	1
284	High Speed Counter Control AWG 4-channel isolated, prog. amplifier	Non-Recurring	HCP 55	1
285	Broadband Digitiser with high sampling rate	Non-Recurring	HCP 55	1
286	Thermal Transfer Standard	Non-Recurring	HCP 55	1
287	AC voltmeter	Non-Recurring	HCP 55	1
288	Cryocooler	Non-Recurring	HCP 55	1
289	AC/DC QHE devices and the electronics associated with them	Non-Recurring	HCP 55	6
290	UPS with Isolation Transformer, 30 kVA	Non-Recurring	HCP 55	1
291	Data Acquisition/PXI Cards	Non-Recurring	HCP 55	4
292	High Precision Impedance (R /L/C) standards	Non-Recurring	HCP 55	4
293	Electron beam lithography (EBL) equipment	Non-Recurring	HCP 55	1
294	Inductively coupled plasma reactive ion etching (ICP-RIE) equipment	Non-Recurring	HCP 55	1
295	Design software having provision for 3D Design and 2D Drawings	Recurring	HCP 55	1
296	Low Temperature Piezoelectric Scanner(16-xy Motion Stage)	Recurring	HCP 55	1
297	Gas Sensor Testing facility	Non-Recurring	GAP 250332	1
298	DAQ card 6421	Recurring	TSP 230432	1
299	Source meter	Non-Recurring	IST 552502	1
300	Current pre-amplifier	Non-Recurring	IST 552502	1
301	NMI Traceable Specialized Gases (H ₂ , CO, NH ₃ , NO, NO ₂ , SO ₂ , H ₂ S, CO ₂ , LPG, C ₂ H ₄ etc.)	Recurring	MLP 252032	as req.
302	Transition metal dichalcogenides (Sulphide/Selenide) sputtering targets	Recurring	MLP 252032	3
303	Xenon Lamp 450W, Colour Filter 280nm, Quartz Fluorescence Cuvette	Recurring	MLP 252032	as req.
304	Light Emitting Diodes 1064nm, 1420nm with fiber coupled	Recurring	MLP 252032	one each
305	Process and target gases (Ar, O ₂ , N ₂ , H ₂ , NH ₃ , H ₂ S, NO, NO ₂ , SO ₂ , CO, etc.	Recurring	MLP 252032	as req.
306	5µm DC Probe tip, non-reflecting housing for optics, vibration limiting foundation, Optical zoom adjustable lens	Recurring	MLP 252032	as req.
307	Keithley Source Meter Software, Low noise triax cable, GPIB-USB converter cable	Recurring	MLP 252032	as req.
308	MPSAS sytem UHV AFM & STM software upgrdation	Recurring	MLP 252032	1

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NPL Project Procurement List 2025-26 as on Sep 11 , 2025

309	Mass Flow Controllers (MFCs), 100 SCCM, Corrosive Series	Recurring	MLP 252032	5
310	Spectroscopic Ellipsometer Upgrade	Recurring	MLP 252032	1
311	Pirani, Cold Cathode and Full range vacuum gauges	Recurring	MLP 252032	as req.
312	30KVA Online UPS Repairing & Services	Recurring	MLP 252032	3
313	OFHC Copper Gasket of DN 40CF, 63CF, 100CF, 160CF	Recurring	MLP 252032	as req.
314	Sputter Gun	Recurring	MLP 252032	1
315	Surveillance Cameras, their cables with recording units	Recurring	MLP 252032	10
316	Exide make 12V 65Ah SMF Batteries with buy-back offer	Recurring	MLP 252032	30
317	Sputtering Targets, Specialized Chemicals and High Purity Materials	Recurring	MLP 252032	as req.
318	Digital Clamp meter, Multimeter, Thermometer and Electrical extension board	Recurring	MLP 252032	as req.
319	Sputter Source, Heater-cum-sample holder, thickness monitor and their accessories	Recurring	MLP 252032	as req.
320	Ambient Humidity and Temperature Sensor	Recurring	MLP 252032	2
321	Spot Extractor	Recurring	MLP 252032	3
322	Upgradation of existing gas sensing system with humidity control	Recurring	MLP 252032	as req.
323	Substrates	Recurring	MLP 252032	as req.
324	Repairing of TMP and Turbo Controller	Recurring	MLP 252032	1
325	Ion pump power supply, Full range Vacuum Gauge for Load Lock, Stepper Motors with Cables, Ti Filaments, ION gauge Filament for Growth & Buffer Chambers, Heating Silicon Cable for Transfer Rod etc.	Recurring	MLP 252032	as req.
326	High purity chemical Chemicals	Recurring	MLP 252032	1
327	Mini sputtering system	Non-Recurring	MLP 252032	1
328	Optical Microscope	Non-Recurring	MLP 252032	1
329	Nitrogen generator	Non-Recurring	MLP 252032	1
330	30KVA UPS	Non-Recurring	MLP 252032	1
331	Softening point apparatus	Non-Recurring	GAP 230332	1
332	Optical microscope	Non-Recurring	GAP 230332	1
333	Polishing machine	Non-Recurring	GAP 230332	1
334	Oxidation oven (Designed for continuous operation of fibers)	Non-Recurring	GAP 230332	1
335	Heat treatment line for carbonization	Non-Recurring	GAP 230332	1
336	Modification/upgradation in existing melt-spinning assembly	Non-Recurring	GAP 230332	As per requirement
337	Spares and accessories (Vacuum pump, Alumina tube, Hydraulic hoist etc.)	Non-Recurring	GAP 230332	As per requirement

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NPL Project Procurement List 2025-26 as on Sep 11 , 2025

338	Repairing of furnace	Recurring	GAP 230332	4
339	Charpy and hardness tester	Non-Recurring	GAP 180932	1
340	System for primary pH	Non-Recurring	GAP 180932	1
341	XRF instrument	Non-Recurring	GAP 180932	1
342	CHNS analyser	Non-Recurring	GAP 180932	1
343	Gold sample of purity (999.5, 999.9, and 999.98 PPT)	Recurring	GAP 240932	27 g
344	high-purity silver (> 999.0 PPT)	Recurring	GAP 240932	100 g
345	High Pure Lead	Recurring	GAP 240932	500 g
346	Substrates like STO, KTO, etc	Recurring	GAP 250132	As per requirement
347	Crucibles for electron beam and its installation	Recurring	GAP 250132	6
348	Turbo Molecular Pump with Pumping Speed of 260 l/s along with all required accessories like, Oil free scroll pump, Full Range Gauge Cold Cathode, connecting cables and relevant adapters to connect to the vacuum chamber	Non-Recurring	GAP 250132	1

UPDATED AS ON SEPTEMBER 11, 2025

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