

# NPL'S Annual Procurement Plan 2023-24 as on June 19 , 2023

CONSUMABLE (Below Rs. 5.00 lakh)									
Division	Div#01	Div#02 (Cryogenics Plants)	Div#02	Div#03	Div#04	Div#05	Div#06	Div#07	Total
<b>Category</b>	<b>Tentative Cost in Lakhs</b>								
GLS	1.65				0.78	2.00	2.10		<b>6.53</b>
MLI	12.715	0.60	5.40	12.97	5.15	3.60	6.83	5.42	<b>52.68</b>
RDA	1.5	5.90	13.60	4.63	21.10	9.31	1.95	0.15	<b>58.14</b>
EEI	0.65				0.94	0.50	31.29		<b>33.38</b>
AMC	3.00	2.50		3.75	2.00	1.60	2.40		<b>15.25</b>
STN						0.10	0.15	0.25	<b>0.50</b>
JOB	6.15	0.4	12.88		12.40	11.73	8.18	0.75	<b>52.49</b>
CRT	3.905		0.53	0.15	2.85	1.20	0.73	3.60	<b>12.97</b>
CPA	0.87	0.10	0.28		0.15	0.90	3.90	13.22	<b>19.42</b>
SFT	2.45		0.10			0.50	0.72	0.44	<b>4.21</b>
UPS Battery			0.85			0.03	2.55		<b>3.43</b>
BAT						0.10		1.67	<b>1.77</b>
CHG	0.65	0.75	0.60	1.00	6.80	2.25		0.58	<b>12.63</b>
CHS	0.70		1.85	3.82	25.12	11.95	0.50	0.03	<b>43.97</b>
<b>Total</b>	<b>34.24</b>	<b>10.25</b>	<b>36.09</b>	<b>26.32</b>	<b>77.29</b>	<b>45.76</b>	<b>61.30</b>	<b>26.10</b>	<b>317.351</b>

**Category Fullform :** GLS: Glasware, MLI: Miscellaneous, RDA: Research and Development Accessorie , RDE: Research & Development Equipment, EEI: Electrical & Electronics Item, AMC: Annual Maintenance Contract, STN: Stationary, JOB: Repair & Job Work, CRT: Cartridge, PRT: Printer , CPA : Computer Assesories, SFT: Software, CHS : Chemical Solid, CHG: Chemical Gas, W&S : Work & Service, FUR : Furniture

CONSUMABLE ( Above Rs. 5.00 lakh)					
S.No	Division	Item	category	QTY	Amt.
1	Div#01	Repair of Length measuring machine and its work station	MLI	1	<b>7.00</b>

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		Building Acoustics Measurement Partner Suite Software along with Microphone: B&K 4189	SFT	1	<b>6.80</b>
2	<b>Div#02( Cryogenics Plants)</b>	Helium gas 5N grade	CHG	1330m3	<b>67.00</b>
		Spare parts for helium liquefier , MCD ,Pryolizer	MLI	As Per. Req.	<b>5.00</b>
3	<b>Div#02</b>				
4	<b>Div#03</b>	Maintenance and operation of the plasma assisted molecular beam epitaxy	JOB	1	<b>14.50</b>
5	<b>Div#04</b>				
6	<b>Div#05</b>	Substrates, Sputtering targetplastic desiccators etc...	MLI	As per Req.	<b>5.50</b>
7	<b>Div#06</b>	TIC	EEI	2	<b>10.00</b>
8	<b>Div#07</b>	Originlab license	SFT	500 Users	<b>17.70</b>
		NICSI empanelled security audit, STQC-GIGW hosting etc of website with 3 years maintenance	SFT	Solution	<b>14.00</b>
				<b>Total</b>	<b>147.50</b>

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# NPL'S Annual Procurement Plan 2023-24 as on June 19 , 2023

NON-CONSUMABLE (Below Rs. 5.00 lakh)									
Division	Div#01	Div#02 (Cryogenics Plants)	Div#02	Div#03	Div#04	Div#05	Div#06	Div#07	Total
Category	Tentative Cost in Lakhs								
RDE	1.50		12.85					3.90	<b>18.25</b>
MLI	3.15	1.00			11.49	6.65		0.32	<b>22.61</b>
RDE	17.60		3.72	14.75	16.22	8.60	14.77		<b>75.66</b>
EEI	5.65			0.70			4.30		<b>10.65</b>
JOB					6.95				<b>6.95</b>
PRT	0.2						2.60	0.40	<b>3.20</b>
RDA	1.00			4.75	4.00	10.66	0.25	0.25	<b>20.91</b>
SFT					1.20				<b>1.20</b>
CHG						0.24			<b>0.24</b>
AMC						2.20			<b>2.20</b>
Camera	3.90								<b>3.90</b>
CPA									<b>0.00</b>
UPS	0.2					0.80	0.50	1.35	<b>2.85</b>
UPS with Battery	0.6								<b>0.60</b>
W&S					0.50				<b>0.50</b>
Workstation							3.75		<b>3.75</b>
FUR								0.82	<b>0.82</b>
<b>Total</b>	<b>33.80</b>	<b>1.00</b>	<b>16.57</b>	<b>20.20</b>	<b>40.36</b>	<b>29.15</b>	<b>26.17</b>	<b>7.04</b>	<b>174.28</b>

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NON - CONSUMABLE ( Above Rs. 5.00 lakh)					
S.No	Division	Item Name	category	QTY	Amt.
1	Div#01	Digital protable densitymeter (DMA 35)	RDE	1	<b>6.00</b>
		Precision DC power supply	RDE	1	<b>5.00</b>
		Turbo pump	RDE	1	<b>12.00</b>

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		Frequency Counter/Timer	EEl	1	<b>5.00</b>
		Top Loading Calibrator calibration Setup	RDE	1	<b>5.50</b>
2	<b>Div#02 (Cryogenics Plants)</b>				
3	<b>Div#02</b>	Three Phase Portable Reference Standard of accuracy class 0.05 in direct mode upto 12A and 0.2 in clamp on CT mode upto 120A compatible to meter test system MTS320	RDE	1	<b>8.10</b>
		Automated Instrument Transformer System (AITTS)	RDE	1	<b>10.00</b>
		RF power supply: RF generator 300 W, matching network, shielding, cables etc	RDE	1	<b>7.70</b>
		10 MΩ Resistance standard	RDE	1	<b>5.00</b>
		Laser HV Power Supply EPU 1.5, Spare Part P/N 1225367	RDE	1	<b>15.39</b>
4	<b>Div#03</b>	NH3-Analyzer	RDE	1	<b>8.00</b>

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		One set of Pyranometer , UV radiometer and Pyrgeometer with Data logger etc	RDE	1 Each	<b>12.00</b>
		hydraulic(water based) dead weight tester	RDE	1	<b>5.00</b>
5	<b>Div#04</b>	Upgrade Kit Legacy SEM Workstation PRELO	RDA	1	<b>13.00</b>
		FESEM-SUPRA 40VP	AMC	1	<b>5.00</b>
		Micro Dispenser/Syringe Dispenser	RDE	1	<b>6.50</b>
6	<b>Div#05</b>				
7	<b>Div#06</b>	PMU TEST BENCH	MLI	1	<b>6.00</b>
		POWER SENSOR	RDE	1	<b>5.00</b>
		DC Source Meter	RDE	1	<b>7.00</b>
		Work Station	Work Station	2	<b>5.00</b>
		Network Storage Device	Work Station	1	<b>5.00</b>
		Data Server	Work Station	1	<b>15.00</b>
		Fiber coupling unit with digilock	RDA	1	<b>9.50</b>
		Laser shutter heads with driver	RDE	1	<b>6.20</b>
8	<b>Div#07</b>	Data centre renovation	W&S	1	<b>25.00</b>
		Server	RDE	5	<b>30.00</b>

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		Desktop Computer (Pre Installed MS office)	CPA	6	5.80
				<b>Total</b>	<b>248.69</b>

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UPDATED AS ON JUN 14 , 2023