

## NPL'S Annual Procurement Plan 2023-24 as on Dec 29 , 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			0.10	0.78	2.00	2.10		<b>6.63</b>
MLI	15.32	0.60	4.70	24.59	5.65	3.60	6.83	5.17	<b>66.45</b>
RDA	3.20	5.90	13.60	13.33	21.60	11.85	1.95	0.40	<b>71.83</b>
EEI	0.65				1.44	0.50	31.29		<b>33.88</b>
AMC	3.00	2.50		3.75	2.00	18.55	2.40		<b>32.20</b>
STN				0.10		0.10	0.15	0.26	<b>0.61</b>
JOB	6.15	0.40	14.48	2.66	16.90	11.73	8.18	0.75	<b>61.25</b>
CRT	3.905		0.53	0.21	2.85	1.20	0.73	2.04	<b>11.47</b>
CPA	1.11	0.10	0.28		0.15	0.90	3.90	13.04	<b>19.48</b>
SFT	2.45		0.10		0.45	0.50	0.72	0.44	<b>4.66</b>
UPS Battery			0.85			0.03	2.55		<b>3.43</b>
BAT						0.10		0.11	<b>0.21</b>
CHG	0.65	0.75	0.80	4.37	6.80	2.25		0.58	<b>16.20</b>
CHS	0.70		2.05	9.60	27.59	11.95	0.50	0.03	<b>52.42</b>
<b>Total</b>	<b>38.78</b>	<b>10.25</b>	<b>37.39</b>	<b>58.71</b>	<b>86.20</b>	<b>65.25</b>	<b>61.30</b>	<b>22.82</b>	<b>380.699</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	Building Acoustics Measurement Partner Suite Software along with Microphone: B&K 4189	SFT	1	<b>6.80</b>
		Rockwell Hardness Reference Blocks	RDA	27 blocks	<b>12.00</b>

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2	<b>Div#02</b> <b>Cryogenic s 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>	Maintenanc e and operation of the plasma assited molecular beam epitaxy	JOB	1	<b>14.50</b>
		Multichann el Scalar- Photon counter with software	SFT	1	<b>10.00</b>
		Tracker card Digisonde	RDA	2	<b>6.00</b>
		Repair for GHG System (at palampur)	JOB	1	<b>11.20</b>
		Excimer Laser Gas	CHG	1	<b>8.00</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	EEL	2	<b>10.00</b>
8	<b>Div#07</b>	Originlab license	SFT	500 Users	<b>17.70</b>

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		NICS empanelled security audit, STQC- GIGW hosting etc of website with 3 years maintenanc e	SFT	Solution	<b>14.00</b>
				<b>Total</b>	<b>187.70</b>

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NON-CONSUMABLE (Below Rs. 5.00 lakh)									
Division	Div#01	Div#02 (Cryogenic s Plants)	Div#02	Div#03	Div#04	Div#05	Div#06	Div#07	Total
Category	Tentative Cost in Lakhs								
MLI	2.91	1.00		2.70	11.49	6.65		1.02	<b>25.77</b>
RDE	19.10		16.57	35.25	23.27	8.60	14.77	0.13	<b>117.68</b>
EEI	5.65			1.30			4.30		<b>11.25</b>
JOB					6.95				<b>6.95</b>
PRT	0.2			7.15			2.60	2.50	<b>12.45</b>
RDA				4.75	4.60	9.54	0.25	0.25	<b>19.39</b>
SFT					1.20				<b>1.20</b>
CHG						0.24			<b>0.24</b>
Camera	3.90								<b>3.90</b>
CPA									<b>0.00</b>
UPS	0.2		2.20			0.80	0.50	1.22	<b>4.92</b>
UPS with Battery	0.6								<b>0.60</b>
W&S					0.50				<b>0.50</b>
Workstation				2.00			3.75		<b>5.75</b>
FUR								0.40	<b>0.40</b>
<b>Total</b>	<b>32.56</b>	<b>1.00</b>	<b>18.77</b>	<b>53.15</b>	<b>48.01</b>	<b>25.83</b>	<b>26.17</b>	<b>5.52</b>	<b>211.00</b>

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NON - CONSUMABLE ( Above Rs. 5.00 lakh)					
S.No	Division	Item	category	QTY	Amt.
1	Div#01	Digital protable density meter (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	5.00
		Repair of Length measuring machine and its work station	MLI	1	7.00
		Top Loading Calibrator calibration Setup	RDE	1	5.50
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	8.10
		Automated Instrument Transformer System (AITTS)	RDE	1	10.00
		RF power supply: RF generator 300 W, matching network, shielding, cables etc	RDE	1	7.70
		10 MΩ Resistance standard	RDE	1	5.00

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		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>
		One set of Pyranometer, UV radiometer and Pyrgeometer with Data logger etc	RDE	1 Each	<b>12.00</b>
		Buyback offer for CAAMS (at Palampur)	RDE	1	<b>48.00</b>
		Multi product calibrator	RDE	1	<b>34.00</b>
		fabrication of automatic Cylinder lifting system	RDE	1	<b>5.00</b>
		Radon Dosimeter	RDE	1	<b>12.00</b>
		hydraulic( water based) dead weight tester	RDE	0	<b>0.00</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>

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		Eddy Current Separator	RDE	1	5.43
		Homogenizer	RDE	1	6.50
6	<b>Div#05</b>				
7	<b>Div#06</b>	PMU TEST BENCH	MLI	1	6.00
		POWER SENSOR	RDE	1	5.00
		DC Source Meter	RDE	1	7.00
		Work Station	Work Station	2	5.00
		Network Storage Device	Work Station	1	5.00
		Data Server	Work Station	1	15.00
		Fiber coupling unit with digilock	RDA	1	9.50
		Laser shutter heads with driver	RDE	1	6.20
8	<b>Div#07</b>	Data centre renovation	W&S	1	25.00
		Server	RDE	5	30.00
		Desktop Computer (Pre Installed MS office)	CPA	6	5.80
<b>Total</b>				<b>361.62</b>	

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**UPDATED AS ON DEC 29 , 2023**

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