

# NPL's 3 to 5 Year Procurement Plan as on Sep 12, 2023

<b>NON-CONSUMABLE (Below Rs. 5.00 lakh)</b>		
S.No.	Item Name	Qty.
1	Work station	2
2	KVM	2
3	Managed Switch	2

<b>NON - CONSUMABLE ( Above Rs. 5.00 lakh)</b>		
S.No	Item Name	Qty.
1	Rubidium frequency Standard	3
2	Time Interval Counter	3
3	GNSS receiver with Antenna & cable	2
4	White Rabbit Len Standalone kit	2
5	Active Hydrogen Maser	1
6	Pulse Distribution Amplifier	2
7	Frequency Distribution Amplifier	2
8	Data Server	1
9	Network Storage Device	1
10	5KVA UPS (1+1)	4
11	Software license	1

<b>CONSUMABLE (Below Rs. 5.00 lakh)</b>		
S.No.	Item Name	Qty.
1	Electronic consumables (components, boards, etc)	1
2	RF cables: RG223, RG174	50m each
3	Connectors: SMA for RG 223, BNC for RG174,	20 nos each
4	Adaptors: SMA F to BNC M, N F to BNC M, N F to SMA M, TNC M to N F	10 nos each
5	Optical fiber & consumables	As per Req
6	GNSS signal splitter 1:4	1
7	SMPS 12V	2
8	Network Switch	2
9	IP address pool	1
10	Other consumables	As per Req
11	Contingency	As per Req
12	AC Power Module	2
13	DC Power Module	1
14	Oplink Module	1
15	SFP Transceiver	5
16	Repeaters	5
17	NUC	1
18	Receiver Module	5
19	Battery	12
20	Low thermal Cables	Three set
21	Mount Rack	1
22	Soldering station and accessories	One
23	Gold pins, ferrite cores etc.	One set
24	Custom designed OHFC plates	Two sets

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

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CONSUMABLE ( Above Rs. 5.00 lakh)		
S.No	Item Name	Qty.
1	Consumables for optical fiber link (electronic components, Optical components, fiber connectors, SFP etc.,)	As per Req
2	TIC Module	2
3	Other Research Expenditure (ORE)	As per Req
4	RF CABLES	One set
5	Precision Adapters	One set
6	SiC wafers	As per Req
7	photoresists/chemicals	As per Req
8	HV/UHV components [fast entry load lock, magnetic transfer arm, view ports, needle valves, flanges, adpters etc.]	As per Req

UPDATED AS ON SEP 12 , 2023

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