



## Annual Procurement Plan for IT & Comm

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Financial Year : 2023-2024

Values Rs in Lakhs.

### A) Procurement of Goods:-

Sno	Description	Quantity	Unit	Approximate Value	Tender Type	Item Type	Oem/Mou Type
1	Telephone/Mini-Exchange/Fax Machine.	1	Nos.	5	Domestic	Indigenous	Non-OEM
2	Purchase of AV system for various conference halls at Corporate Office.	2	Nos.	20	Domestic	Indigenous	Non-OEM
3	Augmentation of VC system	1	Lot	13	Domestic	Indigenous	Non-OEM
4	Purchase of Mobile/Cellular Phone at CO for Senior Officers	10	Nos.	5	Domestic	Indigenous	Non-OEM
5	Purchase of IP Telephones	100	Nos.	1	Domestic	Indigenous	Non-OEM
6	Telephone/Mini-Exchange/Fax Machine	1	Lot	4	Domestic	Indigenous	Non-OEM
7	Purchase of Photocopy Duplicating Machines	10	Nos.	15	Domestic	Indigenous	Non-OEM
8	PI Server - License	30000	Tags	480	Domestic	Imported	OEM
9	Cyber Security - Network Access Control	1	Nos.	120	Domestic	Indigenous	Non-OEM
10	Purchase of DLP Solutions	1	Nos.	100	Domestic	Indigenous	Non-OEM
11	Cyber Security -Security Incident and Event	1	Nos.	75	Domestic	Indigenous	Non-OEM
12	Cyber Security -Data Loss Protection	1	Nos.	66	Domestic	Indigenous	Non-OEM
13	Cyber Security -Email Multi-Factor Authorization	1	Nos.	75	Domestic	Indigenous	Non-OEM
14	Cyber Security - Privileged Access Management	1	Nos.	45	Domestic	Indigenous	Non-OEM
15	Purchase of Software development Tools/Other softwares	1	Nos.	40	Domestic	Indigenous	Non-OEM
16	Anti Virus with EDR	1	Lot	15	Domestic	Indigenous	Non-OEM
17	EMAIL License for additional 500/250 users	500	Nos.	11	Domestic	Indigenous	OEM
18	Purchase of Windows 2019 server standard edition License for VMs of BoardPAC, Zimbra.	1	Nos.	10	Domestic	Imported	OEM
19	Purchase of CCTV cameras and accessories for MoP	25	Nos.	5	Domestic	Indigenous	Non-OEM
20	Purchase of CCTV Camera and accessories for C.O and Res. Colony	25	Nos.	5	Domestic	Indigenous	Non-OEM
21	Procurement of Microsoft & other software Licenses for CO	25	Nos.	10	Domestic	Indigenous	Non-OEM
22	Procurement of ink/tonner cartridges	2000	Nos.	104	Domestic	Imported	OEM
23	Procurement of UPS against fresh requirement	100	Nos.	5	Domestic	Indigenous	Non-OEM
24	Deployment of WI-FI infrastructure for office building.	1	JOB	5	Domestic	Indigenous	Non-OEM
25	Purchase of LAN , WAN Equipments	1	Lot	5	Domestic	Indigenous	Non-OEM
26	Procurement of VTL Backup Appliance Data Center	1	Nos.	10	Domestic	Indigenous	Non-OEM
27	Deployment of Network infrastructure for office building.	1	JOB	15	Domestic	Indigenous	Non-OEM
28	Development of Computer center at Office Phase-II Building	1	JOB	5	Domestic	Indigenous	Non-OEM
29	Upgradation of Storage Area Network Space - 8400	1	Nos.	10	Domestic	Indigenous	OEM
30	Procurement of Plotter/Scanners/UPS	5	Nos.	15	Domestic	Indigenous	Non-OEM
31	Procurement of Printer/Mobile Printers for MoP/Dir.	15	Nos.	5	Domestic	Indigenous	Non-OEM
32	Procurement/Replacement of Printers	30	Nos.	10	Domestic	Indigenous	Non-OEM
33	Procurement Replacement of iPad	20	Nos.	20	Domestic	Imported	OEM
34	Procurement/ replacement of Workstation etc	10	Nos.	30	Domestic	Indigenous	Non-OEM
35	Procurement of Laptop /Desktop/AIO for CMD Sectt/Dir Sectts/MoP/urgent requirements	30	Nos.	30	Domestic	Indigenous	Non-OEM
36	Replacement of old computers	60	Nos.	49	Domestic	Indigenous	Non-OEM

**A) Procurement of Goods:-**

37	Procurement /replacement of Laptop/Tablet Computers etc	50	Nos.	50	Domestic	Indigenous	Non-OEM
<b>Sub Total</b>				<b>1488.00</b>			

**B) Procurement of Services:-**

Sno	Description	Quantity	Unit	Approximate Value	Tender Type	Oem/Mou Type
1	Misc. LAN consumable items procurement / services 10(for maintenance of LAN) for all NHPC office & NHPC Colony etc.	1	no	10	Domestic	Non-OEM
2	AMC of LAN & Networking Equipment at NHPC, Corporate Office	1	no	17.48	Domestic	Non-OEM
3	Support Service of Wireless LAN in MOP	1	no	1	Domestic	Non-OEM
4	Support service of e-mail gateway solution-antispam Appliance	1	no	2	Domestic	OEM
5	Annual Mainenance support for NHPC CO, Data Center	1	no	48	Domestic	Non-OEM
6	Renovation of LAN & Networking Equipment at NHPC, Corporate Office and NHPC Colony	1	no	20	Domestic	Non-OEM
7	Renewal of Support & Maintenance of Zimbra Email Collaboration Suite	1	no	5	Domestic	OEM
8	Renewal of NGFW License Subscription for IPS/Antivirus/ Webfiltering and updates and supports	1	no	2.5	Domestic	OEM
9	AMC of 3PAR HPE 8400 Storage Server	1	no	8	Domestic	OEM
10	Annual maintenance support for Solarwinds Orion SL250	1	no	2	Domestic	OEM
11	AMC of Computers & IT peripherals for 2 Years.	1	no	22	Domestic	Non-OEM
12	AMC of Online/Offline UPS	1	no	1.6	Domestic	Non-OEM
13	AMC of 01 Nos. HP T7200 Plotter	1	no	1.24	Domestic	OEM
14	AMC of 04 Nos. HP Z5400 Plotter	1	no	1.8	Domestic	OEM
15	AMC of 25 Nos. HP DL 380 Servers	1	no	22.64	Domestic	OEM
16	AMC of 01 nos. IBM Server	1	no	0.64	Domestic	OEM
17	AMC of 02 nos. Load Balancers	2	no	5.68	Domestic	OEM
18	AMC of KIP-7700 MFS	1	no	1.52	Domestic	OEM
19	AMC of KIP-7700 MFS	1	no	1.52	Domestic	OEM
20	Procurement of Maintenance and Support Services for 2 Nos. IBM servers at Primary site, BSNL DC, Faridabad after warranty period	1	Lot	13	Domestic	OEM
21	Procurement of Maintenance and Support Services for 3 Nos. IBM servers installed at NICSI DC, New Delhi and DR site, Kolkata after warranty period	1	Lot	17	Domestic	OEM
22	Comprehensive-AMC of Audio-Video Multimedia Equipments installed at Corporate Office, Faridabad.	1	no	14	Domestic	Non-OEM
23	Comprehensive AMC of CCTV NHPC Office Complex and Colony	1	no	12.48	Domestic	Non-OEM
24	Comprehensive AMC of CCTV MoP	1	no	5	Domestic	Non-OEM
25	Comprehensive AMC of Smart Rack installed at NHPC Colony	1	no	0.29	Domestic	Non-OEM
26	Charges for e-procurement services hired from NIC for GePNIC portal under CPPP	1	no	26.68	Domestic	OEM
27	1. e-reverse auction services 2. New Tender for eRA.	1	no	7.5	Domestic	Non-OEM
28	Charges for e-Sushrut Hospital Management System (HMIS)	1	no	40.41	Domestic	OEM
29	Charges for purchase of DSC (Digital Signature Certificate)	1	no	0.7	Domestic	Non-OEM
30	AMC of Data Center Switches, Corporate Office.	1	no	2	Domestic	Non-OEM
31	Renewal of Subscription for Vmware	1	no	6.5	Domestic	OEM
32	Support Service for Anti Virus/EDR/etc	1	no	3	Domestic	OEM
33	AMC of BoardPAC Software	1	no	1.86	Domestic	OEM
34	R&M of Software & Related services (Providing Support Services for ERP solution in NHPC)	1	no	550	Domestic	Non-OEM

## B) Procurement of Services:-

35	R&M of Software & Related services (Providing ATS & AFS for Primavera solution in NHPC)	1	no	6.7	Domestic	Non-OEM
36	Annual Technical support (ATS) for Oracle Database licenses for Primavera for 3 years.	1	no	19	Domestic	OEM
37	Repair and Maintenance of Software and related services (providing support services of e-office)	1	no	29.36	Domestic	OEM
38	AMC of FPR Based Attendance System	1	no	3	Domestic	Non-OEM
39	Renewal of of Desiging Software (Corel Draw, Adobe Photoshop, Adobe Indesign)	1	no	2	Domestic	OEM
40	Bulk SMS Facility	1	no	10	Domestic	OEM
41	hiring of Enterprise Storage (SAN) (Per 100 GB for One year)	1	no	8.96	Domestic	Non-OEM
42	Hiring of Backup Storage(Per 100 GB for One year)	1	no	0.68	Domestic	Non-OEM
43	Collocation per Rack (5 KW) (for one year) {2 Server Rack rate for 5 KW each (customized)=5*2} (Rack Rate for 5 KW x 2 i.e. 15,30,000x2)	1	no	36.12	Domestic	OEM
44	Rack Space of 42U size (3 KVA rated to each rack) including Router ports (2 no.) and Patch cables (12 no.)	1	no	48	Domestic	OEM
45	Hiring of additional power of 1 KVA	1	no	13	Domestic	OEM
46	Hiring of Firewall in HA supporting 1 Gbps throughput	1	no	5.2	Domestic	OEM
47	Hiring of IPS in HA for up to 200 Mbps traffic	1	no	2.88	Domestic	OEM
48	Hiring of SSL-VPN in HA for 500 users supporting throughput upto 200 Mbps	1	no	9.32	Domestic	OEM
49	Hiring of IIS Server specs 2vcpu , 64GB RAM, Processor Intel Xeon 5600 series speed 2.4 Ghz , 3.1 TB HDD	1	no	5.72	Domestic	OEM
50	Hiring of ADC Server specs 2vcpu , 4GB RAM, 100 GB HDD	1	no	1.44	Domestic	OEM
51	Hiring of ADC server configuration/ replication and management	1	no	1.6	Domestic	OEM
52	Hiring of NHPC IIS Server configuration/ management and file update	1	no	0.56	Domestic	OEM
53	Multi Domain SSL Certificate for IIS Server hired from BSNL for nhpcintra.com (at sr. no.6)	1	no	0.48	Domestic	OEM
54	100 Mbps Internet Leased line at BSNL DC	1	no	3.37	Domestic	OEM
55	2 FA Authentication Charges	2	no	74.4	Domestic	OEM
56	Hiring of IT equipments laptops/Desktops etc	1	no	12	Domestic	Non-OEM
57	Renewal of Cloud Services for NHPC Website hosted at NICSI	1	no	6	Domestic	OEM
58	Security Audit of Websites / Sahaj Sewa / Intranet and Other Web Applications	1	no	2	Domestic	Non-OEM
59	Renewal of Domain Names	1	no	1.5	Domestic	Non-OEM
60	Designing and Development of New Mobile App (Android or IOS)	1	no	14	Domestic	Non-OEM
61	Designing and Development of New NHPC Intranet	1	no	5	Domestic	Non-OEM
62	Designing and Development of New NHPC Website.	1	no	5	Domestic	Non-OEM
63	Designing, Development and maintenance of Applications, MoP requiriements &Others	1	no	6	Domestic	Non-OEM
64	Hiring of Audio-Video Services for Webcasting/ Live Streaming of Event at NHPC	1	no	17.3	Domestic	Non-OEM
65	Purchase of Cloud Based Video Conferencing Software for Board meetings etc.	1	no	8	Domestic	Non-OEM
66	Annual charges of IPV4/IPV6 resources.	1	no	1	Domestic	Non-OEM
67	Development of Software Appflication for Early Warning System for Hyro Electric Project/ PSs through External Agency	1	no	6.58	Domestic	Non-OEM
68	Charges for hiring of services of Data Centre from BSNL / MoIT approved cloud along with ILL as per specifications for Early Warning System for Hydro Projects/ PSs	1	no	3.04	Domestic	Non-OEM
69	AMC Charges for Early Warning System for Hydro Projects/ PSs	1	no	1.6	Domestic	Non-OEM
70	Development of Misc Software Applications through external agencies including AMC	1	no	30	Domestic	Non-OEM
71	ATS Charges for Purchase of Software development tools/ other softwares	1	no	8	Domestic	Non-OEM
72	Hiring of services for software development for Urja Darpan App	1	no	8	Domestic	Non-OEM
73	Hiring of services for software development for CEA Dasbord	1	no	2.37	Domestic	Non-OEM
74	SaaS ERP Expenditure (License + Cloud)	1	no	1000	Domestic	Non-OEM
75	Audit & Quality Control Srevices	1	no	50	Domestic	Non-OEM

B) Procurement of Services:-						
76	PI Server - Cloud	1	no	20	Domestic	Non-OEM
77	AutoCAD Subscription	1	no	150	Domestic	OEM
78	"ERP Implementation Services- One Time Cost"	1	no	2200	Domestic	Non-OEM
79	Bim Expert	1	no	60	Domestic	Non-OEM
80	Non ERP Landscape - Server	1	no	20	Domestic	Non-OEM
81	Non ERP Landscape - Switches	1	no	10	Domestic	Non-OEM
82	Non ERP Landscape - Licenses	1	no	36	Domestic	Non-OEM
83	Non ERP Landscape - Tape Library	1	no	30	Domestic	Non-OEM
84	Non ERP Landscape -Storage	1	no	30	Domestic	Non-OEM
85	Non ERP Landscape - Installation and configuration cost	1	no	40	Domestic	Non-OEM
86	PGCIL MPLS Link at CO FBD (45 Mbps)	1	no	15.2	Domestic	OEM
87	PGCIL MPLS link at BSNL DC FBD (45 Mbps)	1	no	15.2	Domestic	OEM
88	PGCIL MPLS Link at NIC DC (50 Mbps)	1	no	16.08	Domestic	OEM
89	Hiring of PGCIL Point to point link b/w CO MoP (2 Mbps)	1	no	0.56	Domestic	OEM
90	Hiring of PGCIL Point to point link b/w CO NRLDC (2 Mbps)	1	no	0.48	Domestic	OEM
91	Hiring of PGCIL Point to point link b/w CO NRLDC(VoIP ) (2 Mbps)	1	no	0.48	Domestic	OEM
92	PGCIL Point to point link b/w CO NHPC Colony (10 Mbps)	1	no	2.72	Domestic	OEM
93	Hiring of BSNL MPLS Link at Faridabad CO (45Mbps)	1	no	14	Domestic	OEM
94	Hiring of BSNL MPLS Link at Ku-band Hub Delhi (22 Mbps MPLS)	1	no	10.4	Domestic	OEM
95	BSNL P2P link between NHPC & Ku-band Hub Delhi (8 Mbps P2P)	1	no	4	Domestic	OEM
96	Hiring of BSNL MPLS Link at NIC (20Mbps)	1	no	9.8	Domestic	OEM
97	BSNL MPLS Link at BSNL DC Faridabad (10 Mbps MPLS)	1	no	6.4	Domestic	OEM
98	"BSNL Leased Line Surajkund colony (10 Mbps P2P)"	1	no	1.84	Domestic	OEM
99	Point to Point b/w Corporate Office and BSNL DC (100 Mbps P2P)	1	no	2.88	Domestic	OEM
100	500 MBPS RF link between NHPC office and BSNL DC	1	no	2.1	Domestic	OEM
101	Monthly Recurring Charges and Annually Spectrum Charges ISatPhone2 of CO FBD	1	no	2	Domestic	OEM
102	ERP Product/Application related cost - Connectivity	1	no	22	Domestic	Non-OEM
103	Non-ERP Landscape - Connectivity	1	no	14	Domestic	Non-OEM
104	Hiring of Internet Lease line at CO (PGCIL 310 Mbps)	1	no	26	Domestic	OEM
105	Hiring of Internet Lease line at CO (BSNL 240 Mbps)	1	no	14	Domestic	OEM
106	Internet Leased line at BSNL DC (100 MBPS)	1	no	7.5	Domestic	OEM
107	Internet Lease line at CO (IAXN 50 Mbps x 2)	1	no	10	Domestic	OEM
108	Charges for Bulk SMS, PSTN, email etc. services for Early Warning System for Hydro Projects/ PSs	1	no	0.4	Domestic	Non-OEM
109	Charges for Bulk SMS, PSTN, email etc. for Misc Software Applications developed through External Agencies	1	no	0.4	Domestic	Non-OEM
110	Services related to Data Centre, Bulk SMS, Email and PSTN Calling for Alarms	1	no	2	Domestic	Non-OEM
111	Printing and Stationary	1	no	2	Domestic	Non-OEM

B) Procurement of Services:-						
112	Printing of Cyber Security Policy, CCMP etc.	1	no	5	Domestic	Non-OEM
113	Purchase of Spares and Consumables for Computer /Laptop/Printer etc.	4	no	4	Domestic	Non-OEM
114	For conducting System & Follow-up (Review) Audit of IFS ERP Software Applications in NHPC in FY 2023-24.	1	no	25	Domestic	Non-OEM
115	VAPT & Surveillance Audit	1	no	50	Domestic	Non-OEM
116	IT & Cyber Security Policy, CCMP review by CERT-In empaneled consultant	1	no	3	Domestic	Non-OEM
117	ISMS Certification/ Consultancy	1	no	4	Domestic	Non-OEM
118	Hiring of Services of Project management Consulting Agency (PMCA) for New ERP Solution	1	no	50	Domestic	Non-OEM
119	Hiring of Manpower for running office work	1	no	5	Domestic	Non-OEM
120	R&M of Telephone (EPABX & PnT) Lines, AMC of 7 Mini-Exchange, AMC of 15 CCTV, AMC of 2 Conference System, AMC of 1 PA System	1	no	52	Domestic	Non-OEM
121	R&M of Network Printers, Photocopiers & Plotters	1	no	63	Domestic	Non-OEM
<b>Sub Total</b>				<b>5403.66</b>		

C) Procurement of Works:-					
Sno	Description	Quantity	Unit	Approximate Value	Tender Type
1	Nil	0	0	0	Domestic
<b>Sub Total</b>				<b>0.00</b>	

<b>Grand Total (A)+(B)+(C)=</b>	<b>6891.66</b>
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