
	उत्तर प्रदेश पावर कारपोरेशन लिमिटेड (उत्तर प्रदेश सरकार का उपक्रम) U.P. POWER CORPORATION LIMITED (Govt. of Uttar Pradesh Undertaking) CIN:U32201UP1999SGC024928	
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संख्या-1696-कार्य/चौदह-पाकालि/2024-5-के/2020

दिनांक: 20 Nov, 2024

कार्यालय जाप

उ0प्र0 पावर कारपोरेशन लि0 के कार्यालय जाप सं0-2752-कार्य/चौदह-पाकालि/2023-5-के/2020 दिनांक 4नवम्बर, 2023 को अवक्रमित करते हुए उ0प्र0 पावर कारपोरेशन लि0 एवं इसके सहयोगी वितरण निगमों के अन्तर्गत विभिन्न प्रयोजनों हेतु क्रय किये जाने वाले लैपटॉप, डेस्कटॉप कम्प्यूटर सिस्टम, यू0पी0एस0 एव प्रिंटर के क्रय हेतु नवीन तकनीकी विशिष्टियों का पुनः निर्धारण एतद्वारा निम्नवत् किया जाता है:-

A. Desktops' Technical Specifications:

Sr.No.	Particular	Requirement		
		Entry-Level	Mid-Level	High-Level
1	Processor	12th generation Intel i3 or higher Or AMD Ryzen-3 5000 series or higher	12th generation Intel i5 or higher Or AMD Ryzen-5 5000 series or higher	12th generation Intel i7 or higher Or AMD Ryzen-7 5000 series or higher
2	Core	4 or higher per processor	6 or higher per processor	8 or higher per processor
3	RAM	8 GB DDR4 and expandable upto 16 GB with 2 DIMM slots having one vacant DIMM slot	8 GB DDR4 and expandable upto 16 GB with 2 DIMM slots having one vacant DIMM slot	16 GB DDR4 and expandable upto 32 GB with 2 DIMM slots having one vacant DIMM slot
4	Storage	256 SSD NVMe & 1 TB SATA HDD @7200 rpm or Higher	256 SSD NVMe & 1 TB SATA HDD @7200 rpm or Higher	512 SSD NVMe & 1 TB SATA HDD @7200 rpm or Higher
5	Display/Monitor	Minimum 21.5" Screen diagonal HD or higher TN/VA/IPS Monitor and CPU shall be from same OEM		
6	Connectivity	Integrated Wi-Fi (802.11 a/ b/ g/ n) Bluetooth v5.0 or higher Gigabit Ethernet		
7	Interfaces	6 USB at least two should be USB 3.1 1 Audio combo port for both Microphone and Headphone 1 RJ45 1 VGA/Display 1 HDMI		
8	Keyboard & Mouse	USB keyboard USB optical Mouse Keyboard and Mouse shall be from same OEM		
9	Operating System	Factory pre-loaded Windows 11 Professional or higher UPPCL logo should be factory pre-loaded and visible in BIOS.		

10	Certificate	Energy Star or BEE OEM certificate for Factory pre-loaded OS RoHS Compliant EPR
11	Security	TPM 2.0 (Hardware/Firmware)
12	OEM onsite Warranty	5 Years

B. Laptops' Technical Specifications:

Sr.No.	Particular	Requirement		
		Entry-Level	Mid-Level	High-Level
1	Processor	12th generation Intel Core-i3 or higher Or AMD Ryzen-3 5000 series or higher	12th generation Intel Core-i5 or higher Or AMD Ryzen-5 5000 series or higher	12th generation Intel Core-i7 or higher Or AMD Ryzen-7 5000 series or above
2	RAM	8 GB DDR4 and expandable upto 16 GB with 2 DIMM slots having one vacant DIMM slot	8 GB DDR4 and expandable upto 16 GB with 2 DIMM slots having one vacant DIMM slot	16 GB DDR4 and expandable upto 32 GB with 2 DIMM slots having one vacant DIMM slot
3	Storage	512 SSD NVMe or higher	512 SSD NVMe or higher	1TB SSD NVMe or higher
4	Graphics Card	Integrated		
5	Speaker, Camera & Display	Inbuilt stereo/dual speakers HD camera 14/15.6 inches LED backlit		
6	Wi-Fi, Bluetooth & Ethernet	Integrated Wi-Fi (802.11 a/ b/ g/ n) Bluetooth v5.0 or higher Gigabit Ethernet		
7	Interfaces	Minimum 2 USB (at least one should be USB 3.1) 1 Audio combo port for both Microphone and Headphone 1 RJ45 1 HDMI port		
8	Touchpad	Multipoint Touchpad		
9	Operating System	Factory pre-loaded Windows 11 Professional or higher UPPCL logo should be factory pre-loaded and visible in BIOS.		
10	Certificate	Energy Star or BEE OEM certificate for Factory pre-loaded OS RoHS Compliant EPR		
11	Battery	Lithium-ion Battery capacity (Watt Hour)-Minimum 40 Battery Backup Time (Hours) - Minimum 8		

12	OEM onsite Warranty	3 years for laptop and battery.
13	Security	TPM 2.0 (Hardware/Firmware)
14	Carry Case	Suitable Carry Case

C. UPS Specifications: -

Type (1)-Offline/ Line-Interactive/ Online UPS		
S.N.	Particular	Requirement
1	UPS Type	Offline/Line-Interactive/online
2	Input Voltage	AC Single Phase 160V-260V 50 Hz
3	Output (AC Mode) Voltage	
	(a) For Online UPS	230 V +/- 1% , 50 Hz
	(b) For Offline & Line Interactive UPS	200 - 240 Volts, 50 Hz
4	Output (Inverter Mode) Voltage	230 V +/- 1% 50 Hz
5	Switching Over time	Max 10 Mili sec (in case of Offline/Line-Interactive)
6	Rating	1 KVA, Single phase
7	Battery capacity	Min 168 VAH (inbuilt)
8	Minimum Back up time at full load	30 Minutes
9	Warranty (UPS)	3 Years
10	Warranty (Battery)	2 Years
11	Protection	Power Failure, Power Surge, Power Sag, Automatic Voltage Regulation
12	Certification	BIS, ISO 9001:2015 (Quality management) RoHS

D. Printer Specifications :-

Type (1) - Multi-Purpose Printer with Scanner		
S.N.	Particular	Requirement
1	Print, Scan & Copy	YES
2	Printing technology	Monochrome Laser / Ink tank (Inkjet)
3	Cartridge technology	Composite cartridge/Separate Drum & Toner / Ink
4	ISO Print speed black (Normal, A4, ppm)	20 PPM or higher
5	Print quality	600 x 600 dpi or higher
6	Duty cycle (monthly, A4)	Minimum: 20,000 pages
7	Standard memory	Minimum: 128 MB
8	Number Of Paper Trays	Minimum: 2
9	Each Paper Tray Capacity	Minimum :50 Sheet
10	Combined Capacity	Combined capacity of 2 (or more) Trays:- Mini: 300 sheets
11	Duplexing Feature	YES
12	ADF Feature	YES
13	OS Compatibility	Windows 10 and Higher
14	Media sizes supported	A4, A5, A6, B5, Legal, Indian Legal, Letter, Envelope
15	Standard connectivity	Ethernet 10/100BaseTX (RJ-45) USB 802.11b/g/n Wireless

16	On Site OEM Warranty	3 Years
Type (2)- Single Purpose Printer (only Printing)		
S.N.	Particular	Requirement
1	Printing technology	Laser / Ink tank (Inkjet)
2	Printing Output	Monochrome
3	Cartridge technology	Composite cartridge/Separate Drum & Toner / Ink
4	Internal Memory	Minimum : 64 MB
5	Print Resolution (Mono)	600 x 600 dpi or higher
6	Duty cycle (monthly, A4)	Minimum :10,000 pages
7	ISO Print speed black (normal, A4)	20 PPM or higher
8	Duplexing Feature	YES
9	Input tray capacity	Minimum : 100 pages
10	Media size supported	A4, A5, A6, B5, Legal
11	Operating System	Windows 10 and Higher
12	USB support	Yes
13	Wireless Connectivity	Yes
14	On Site OEM Warranty	3 Years
Type (3)-Color Printer		
S.N.	Particular	Requirement
1	Printing technology	Laser / Ink tank (Inkjet)
2	Cartridge technology	Composite cartridge/Separate Drum & Toner / Ink
3	Printing Output	Color
4	Internal Memory	Minimum : 8 MB
5	Print Resolution (Mono)	600 x 600 dpi or higher
6	Duty cycle (monthly, A4)	Minimum :3,000 pages
7	Print Speed Color	10 PPM or higher
8	Input tray capacity	Minimum : 100 pages
9	Duplexing Feature	YES
10	Media size supported	A4, A5, A6, B5
11	Operating System	Windows 10 and Higher
12	USB support	Yes
13	Wireless Connectivity	Yes
14	On Site OEM Warranty	3 Years

E. Others:

1. Usage of different category of desktop/laptop/UPS/Printer:

a. Entry-Level Desktop/Laptop:- These devices shall be allocated for locations where only dedicated revenue collection is being done and these are not used in other office works.

b. Mid-Level Desktop/Laptop:- These devices shall be generally allocated for location like sub-division, Division, Circle, Zone, Discom/UPPCL HQ where multiple IT applications are being used (such as SAP ERP, Jhatpat, RMS, Excel, Word etc).

c. High-Level Desktop/Laptop:- These devices shall be allocated for personnel who are involved in specialized task like IT development, Heavy Excel works and will be allocated only on

specific approval of Managing Director, UPPCL/Discoms.

d. Online UPS:-These devices shall be allocated only for MPLS networking equipment installed at end location. For other locations, normal UPS (offline) will be used.

e. Type (1) - Multi Purpose printer with Scanner:- These printers may be allocated for the offices like sub-division/division/circle/zone/Discom HQ/UPPCL HQ. In order to optimize the printer requirement, it should be encouraged to utilize one printer by connecting multiple desktop/laptop nearby through Wi-Fi/LAN. Offices/sections having large amount of printing should use ink-tank printers, as far as possible. Not only the purchase cost, but operating cost should be optimized, there is no need of having multiple scanners in a small office. In such cases Type (2) printers may be used.

f. Type (2) - Single Purpose Printer (only printing):- These printers may be allocated for the locations where only dedicated revenue collection is being done. However, these printers may also be allocated in other offices where only printing features is required.

g. Type (3) -Color Printer:- These printers may be allocated for use in color printing/presentation etc. Color printer may be limited till HQ and Zone only.

1. Only one color printer should be allocated for zone offices.
2. Each department of HQ shall be allocated with only one color printer.

2. To ensure the authenticity of equipment, following safe-guard shall be added in the bid:-

a. Bidder shall be asked to submit Manufacturer Authorization Form (MAF) of equipment OEM if OEM itself is not participating in the bid.

b. Pre-Dispatch Inspection (PDI) and benchmarking shall be done for minimum 3% of ordered quantity. Such selection will be made at random by using random number generation technique, whose result should be kept on file.

c. OEM should have online facility to verify the specification details of the supplied equipment's. The link details of the online facility (URL) of OEM should be submitted along with bid. Discom will ensure that each equipment is verified from OEM website.

d. Discom will ensure that each Desktop/Laptop should have inbuilt UPPCL logo in the operating System.

e. Proprietorship/LLP firms shall be allowed to participate in the bids, subject to the condition that such firms shall produce an OEM

undertaking for continued support, and should the selected LLP/Proprietor firm fails in providing warranty support, the OEM shall arrange to provide the said services to the Discom directly.

f. Reverse Auction shall not to be allowed.

g. Conditions limiting the participation to only the IDC top 5 OEM brands as per international Data Corp(IDC) shall not be included in the bid so that Make in India brands may not be restricted.

h. Manufacturer Authorization requirement from Microsoft shall not be included in the bid as Windows OS has already been asked to be factory pre-loaded.

i. Quality Management standard ISO Certification : ISO 9001:2015 and the Information Security standard ISO/IEC 27001:2013 will be included as qualifying conditions for Bidder/OEM.

j. Each supplied computer system shall be equipped with dedicated OS license, which should be verifiable upon delivery.

3. Procurement of these equipment shall be done through GeM Portal ordinarily once in a year at the Discom level. In Exceptional Cases, Chief Engineer of Zones are authorized to purchase small/miscellaneous quantity only after due justification is recorded in any such case.

उपरोक्तानुसार निर्धारित तकनीकी विशिष्टी में बिना उ0प्र0 पावर कारपोरेशन लि0 की अनुमति के कोई भी विचलन अनुमन्य नहीं होगा किन्तु निविदा के अंतर्गत समान लागत पर उच्च विशिष्टी के उपकरण प्राप्त किये जा सकते हैं। उक्त तकनीकी विशिष्टीकरण अग्रिम आदेशों तक मान्य होंगे।

अध्यक्ष

संख्या:-1696(1)-कार्य/चौदह-पाकालि/2024 तद्दिनांक।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. अध्यक्ष के निजी सचिव, उ0प्र0 पावर कारपोरेशन लिमिटेड, शक्ति भवन, लखनऊ।
2. प्रबन्ध निदेशक, उ0प्र0 पावर कारपोरेशन लिमिटेड, शक्ति भवन, लखनऊ।
3. प्रबन्ध निदेशक, पूर्वान्चल/मध्यांचल/दक्षिणान्चल/पश्चिमांचल विद्युत वितरण निगम लिमिटेड, वाराणसी/लखनऊ/आगरा/मेरठ एवं केस्को-कानपुर।
4. निदेशक (का0प्र0 एवं प्रशा0/वित्त/वितरण/वाणिज्य/कारपोरेट प्लानिंग/आई0टी0), उ0प्र0 पावर कारपोरेशन लिमिटेड, शक्ति भवन, लखनऊ।
5. निदेशक (कार्मिक एवं प्रबन्धन/वित्त/तकनीकी/वाणिज्य), पूर्वान्चल/मध्यांचल/दक्षिणान्चल/पश्चिमांचल विद्युत वितरण निगम लिमिटेड, वाराणसी /लखनऊ/आगरा/मेरठ एवं केस्को-कानपुर।
6. अपर सचिव-I/II/III, उ0प्र0 पावर कारपोरेशन लिमिटेड, शक्ति भवन, लखनऊ।
7. उपमहाप्रबन्धक (लेखा प्रशासन), उ0प्र0 पावर कारपोरेशन लिमिटेड, शक्ति भवन लखनऊ।
8. मुख्य अभियन्ता (सामग्री प्रबन्ध), पूर्वान्चल/मध्यांचल/दक्षिणान्चल/पश्चिमांचल विद्युत वितरण निगम लिमिटेड, वाराणसी/लखनऊ/आगरा/मेरठ एवं केस्को-कानपुर।
9. समस्त मुख्य अभियन्ता (वितरण)/अधीक्षण अभियन्ता (वितरण), पूर्वान्चल/मध्यांचल/

दक्षिणान्चल/ पश्चिमांचल विद्युत वितरण निगम लिमिटेड, वाराणसी/लखनऊ/आगरा/मेरठ एवं केस्को-कानपुर।

10.समस्त मुख्य अभियन्ता 30प्र0 पावर कारपोरेशन लिमिटेड, लखनऊ।

11.समस्त संयुक्त सचिव, 30प्र0 पावर कारपोरेशन लिमिटेड, शक्ति भवन, लखनऊ।

12.अधिकासी अभियन्ता (वेब), कक्ष संख्या-407, 30प्र0 पावर कारपोरेशन लिमिटेड, शक्ति भवन विस्तार, लखनऊ को वेबसाइट-www.uppcl.org पर अपलोड करने हेतु।

13.कट फाइल।

आज्ञा से,



(फैसल खान)
उप सचिव(कार्य)