File No PBCA/ST/(28)/2024-25   Dated: 10/06/2025
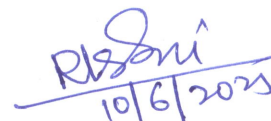
Subject: Industry feedback on Technical Specifications for the supply of Workstation Computer and Desktop Computer systems.

Feedback of the Industry is invited from OEMs and their authorized dealers/sellers/bidders on the Technical specification for the supply of Workstation Computer, Desktop Computer, UPS and Headphone at Central Archives, Prasar Bharati. A copy of technical specifications is enclosed herewith for reference.

Prospective bidders/OEMs are requested to offer their comments/ feedback on technical specification along with the budgetary quote for the supply of Workstation Computer, Desktop Computer, UPS and Headphone. Response may be furnished through email by the bidders by 19/06/2025 on to the following address:

Email: ravikantsingh@prasarbharati.gov.in

Encl. : Technical Specifications

(Ravi Kant Singh)
Asstt. Director (Engg)
Prasar Bharati, Central Archives
Akashvani Bhawan
New   Delhi-110001(India)
Telephone: 011-23421271

TECHNICAL SPECIFICATIONS

File No. –PBCA/ST/ (28)/2024-25   Dated : 05.06.2025

Subject: Technical Specifications for the supply of Computer Workstation and Desktop Computer at Central Archives, Prasar Bharati.
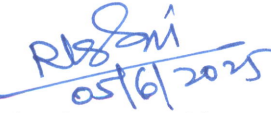
1. SCOPE

Prasar Bharati intend to procure following items from original Equipment Manufacturers or its authorized sellers.

    a) Computer Workstation - 10 Nos.
    b) Computer Desktop   - 40 Nos.
    c) UPS 1KVA   - 10 Nos.
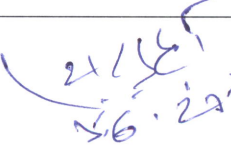   d) UPS 650VA   - 40 Nos.
    e) Headphone   - 50 Nos.

2. TECHNICAL SPECIFICATIONS

2.1   Computer Workstation – 10 Nos.
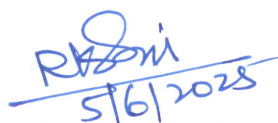
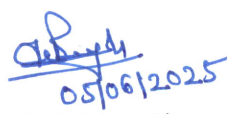| S.N.	Specification	Description
1.	Form Factor	Tower
2.	Processor	Intel I9 Processer 14th Generation /AMD Ryzen Thread ripper or equivalent
3.	Chipset	Intel W680 Chipset / AMD WRX80 Chipset or Equivalent
4.	Memory	Minimum 16GBx2 32 Gb 4400MHz DDR5 or better, expandable up to 128GB
5.	Solid State Drive	Minimum 2TB PCIe M2 NVME
6.	Expansion Slot	Minimum 3 PCIe slots including on PCIe X16 Minimum 2 M.2 Slots
7.	Graphic Card	Equivalent to Nvidia RTX A400, 4GB GDDR6 or higher system should support UP TO 48GB Graphic for future expandability.
8.	I /O ports	Minimum 10 USB Port of which- Min 2x USB Type 2.0, Min 4x USB Type A 3.2 Min 4x USB Type C 3.2 HDMI Port 1 No, Universal Audio Jack 1 No. 2x RJ45 Network Connector, 1x Audio Line Out

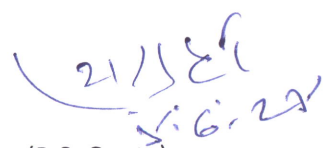(Ravi Kant Singh)   (T.C. Bagauli)   (R.S. Gupta)
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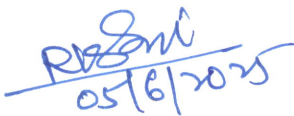| 9.	OS Certification	Workstation should support following OS Windows 11 Professional 64bit or latest.
10.	Networking	Intel Wi-Fi (2x2) and Bluetooth 5.2 or higher Intel Ethernet Connection 10/100/1000 or higher
11.	Audio	Intelligent HD Audio delivers audio with internal or external speaker
12.	Power Supply	Minimum 1000Watt power supply unit 92% efficient or better
13.	Capture Card	Featuring 4 independent 3G-SDI connections, DeckLink Duo 2 is a PCI Express capture and playback card that supports SDI formats in SD and HD up to 1080p60! You get the flexibility of 4 separate capture or playback cards in one! Plus, it's completely customizable so it's perfect for media play-out systems, multi screen digital signage servers, real time multi channel capture systems and more!
14.	Monitor	Minimum 23.8 or highest monitor (min 1920x1080 screen resolution) Connectivity option 1x Display Port, 1x VGA, 1X HDMI PORT, Monitor Stand must be height adjustable features
15.	Keyboard & Mouse	Wired Keyboard & mouse, keyboard and mouse should be of same OEM.
16.	Security	Integrated Trusted Platform Module (TPM 2.0), Chassis Intrusion Switch/Sensor Setup/BIOOPS Password, I/O Interface Security
17.	Regulatory Compliance	Energy Star/BEE, EPEAT Gold India, FCC or similar certification valid in India, UL/Equivalent BIS
18.	Performance	OEM Bundled Software for Workstation
29.	Warranty	3 Year onsite OEM warranty.
20.	OEM ISO	27001, 9001, 14001, 45001.

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6.2?
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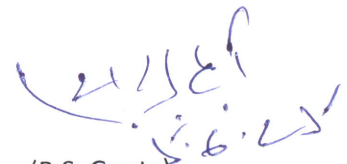
2.2 Computer Desktop – 40 Nos.

S.N.	Specification	Description
1.	Form Factor	Tower
2.	Processor	Intel Core i7 14th Generation or higher
3.	Memory	16GB RAM DDR5 or more.
4.	Solid State Drive	1TB PCIe M2 Nvme
5.	Operating System	Pre-loaded Windows 11 Professional or latest.
6.	Monitor	Minimum 23.8 or highest monitor (min 1920x1080 screen resolution) Connectivity option 1x Display Port, 1x VGA, 1X HDMI PORT, Monitor Stand must be height adjustable features
7.	Keyboard & Mouse	Wired Keyboard & mouse, keyboard and mouse should be of same OEM
8.	I/O Port	Minimum 8 USB Port of which- 4x USB 2.0; 4x USB 3.2 ; DP 1 Port ; HDMI Port 1 No ; Universal Audio Jack 1 No; 1x RJ45 Network Connector; 1x Audio Line Out ;
9.	Warranty	3 Year on Site OEM Warranty.
10.	Security	Integrated Trusted Platform Module (TPM 2.0) Chassis Intrusion switch/Sensor Setup/ BIOOPS Password, I/O Interface Security
11.	Regulatory Compliances	Energy Star/BEE, EPEAT Gold India, FCC or similar certification valid in India, UL/Equivalent BIS.
12.	OEM ISO	27001, 9001, 14001, 45001.

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2.3   UPS 1kva offline 10 No's

Sr.No	Item	Description
1	Capacity	1KVA offline
2	Backup time	30 mts
3	Warranty	2 year warranty
4	Number of outlet plugs	3 or more

2.4   UPS 650VA offline 40 No's
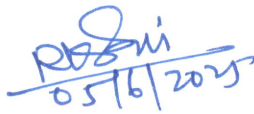
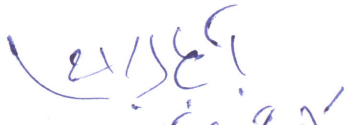| Sr. No	Item	Description
1	Capacity	650VA offline
2	Backup time	30 mts
3	Warranty	2 year warranty
4	Number of outlet plugs	3 or more
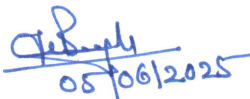
2.5   Head Phone Professional Without Mic 50 No's

Sr. No.	Specification	Description
1.	Type of Headset	Professional headphone without MIC Comfortable All-Day Wear: Over the EAR, Lightweight design with padded ear cups ensures comfort during long sessions in the studio or for audiobook listening, enhancing
2.	Connectivity	Wired VOIP Headphone without mic.
3.	Voice Clarity	HD
4.	Control Method	Manual
5.	Headphone Jack	3.5 mm audio jack
6.	Noise control	Active Noise Cancellation
7.	Cable Length	2 mtr. or more.
8.	Warranty	1 Year

Bare minimum technical requirement has been specified in this section. Any higher/better technical specifications offered by the bidders in the equipment, against the specified parameters are acceptable.

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(Ravi Kant Singh)

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(T.C. Bagauli)

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(R.S. Gupta)

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