

**PRASAR BHARTI**  
**(India's Public Service Broadcaster)**  
**PBNS&DP, R&D Building**  
**14-B, IP Estate Ring Road**  
**New Delhi -110001.**

File No. DDN/SHABD/HARDWARE/

Dated: 05/09/2024

**Subject: Industry feedback on Technical Specification for the supply of Workstation Computer System and Headphones at PBNS&DP, Delhi.**

Feedback of the Industry is invited from OEMs and their authorised dealers/sellers/bidders on the Technical specification of Workstation Computer System and Headphones. Procurement of the equipment is to be undertaken at PBNS&DP, Delhi. A copy of technical specifications is enclosed herewith for reference.

Prospective bidders/OEMs are requested to offer their comments/ feedback along with the budgetary quote by prospective bidders/Firms on technical specification for the supply of Workstation Computer System and Headphones. Response may be furnished through email by the bidders by 12/09/2024 on to the following address:

Email: **rsgupta1@prasarbharati.gov.in**

Encl.: Technical Specifications

(R S Gupta)  
Assistant Director(Engg)  
PBNS&DP, R&D Building  
14-B, IP Estate Ring Road  
New Delhi -110002 (India)  
Telephone: 011- 2311 4401

**TECHNICAL SPECIFICATIONS****Specification No. PBNS&DP/Technical/Specifications/PB-SHABD/2024-25/     Dated.07.08.2024****SUBJECT: Technical Specifications for the supply of Computer Workstation and Headphones for PB-SHABD.****1. SCOPE:**

Prasar Bharati intend to procure following items from Original Equipment Manufacturer or its authorized sellers:

- a) Workstation Computer Systems- 08 nos
- b) Headphones-10 Nos

**2. Technical Specifications****2.1. Desktop Computer System**

SN	Specifications	Description
1	Form Factor	Tower
2	Processor	Intel-i9 Processor 12 <sup>th</sup> Generation /AMD Ryzen Thread ripper OR equivalent
3	Chipset	Intel W680 chipset / AMD WRX80 chipset OR Equivalent
4	Memory	Minimum 16GB, 4400MHz DDR5or better, expandable up to 128GB or more
5	Solid State Drive	Minimum 1TB PCIe M.2 NVMe
6	Expansion Slots	Minimum 4 PCIe slots including on PCIe X16 Minimum 2 M.2 slots
7	Graphic Card	Equivalent to NVidia T400, 4GB or higher, system should support up to 48GB graphic for future expandability
8	I/O Ports	Minimum 6 USB port of which – Min 2x USB Type 2.0 Min 4x USB Type 3.2 Min2x USB Type 3.21 HDMI port- 1 No Universal Audio Jack- 1 No 1x RJ45 Network Connector 1x Audio Line Out
9	OS Certification	Workstation should support following OS: Windows 11 Professional for Workstation, 64bit or higher (Certifications must be available in the public domain against the quotes model name)
10	Networking	Intel Wi-Fi (2x2) and Bluetooth 5.2 or higher, Intel Ethernet Connection 10/100/1000 or better
11	Audio	Intelligent HD Audio delivers audio with internal or external speaker,
12	Power Supply	Minimum 800W power supply Unit, 92% Efficient or better
13	OS	Windows 11 Professional
14	Monitor	Minimum 23.8” or higher monitor(min. 1920x1080 screen resolution) Connectivity option: 1x Display Port, 1xVGA, 1x HDMI Port, Monitor Stand must be height adjustable features
15	Keyboard &	Wired Keyboard & Mouse, Keyboard and Mouse should be of Same

	Mouse	Workstation OEM make.
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, EPEAT Gold India, FCC, UL,CE and Energy Star 8.0
18	Performance Enhancement software	OEM Bundled Software for Workstation
19	Warranty	3Year comprehensive Onsite OEM Warranty, (OEM warranty status must available in the OEM service website/public domain against each serial number)
20	OEM ISO	27001,9001,14001,45001, Hardware TPM 2.0

## 2.2. Headphones

SN	Specifications	Description
1	Type of Headset	Over the EAR
2	Connectivity	Wired VOIP Headphone with Mic.
3	Voice Clarity	HD
4	Control Method	Touch
5	Headphone Jack	USB
6	Noise Control	Active Noise Cancellation
7	Cable Length	More than 2Mtr.
8	Warranty	1 Year Warranty

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.

### 3. DELIVERY PERIOD:

30 Days

### 4. BILL PROCESSING AUTHORITY:

Assistant Director (Engg.)  
Prasar Bharati News Services & Digital Platform  
14-B, I P Estate, R&D Building (Near ITO)  
Delhi-110002

### 5. PAYING AUTHORITY:

DDO  
DG: Doordarshan  
Doordarshan Bhavan, Copernicus Marg  
New Delhi-110001

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