



प्रसार भारती/Prasar Bharati
(India's Public Service Broadcaster)
प्रसारभारती सचिवालय/Prasar Bharati Secretariat
आकाशवाणी भवन, संसदमार्ग, नई दिल्ली - 110001
Akashwani Bhawan, Parliament Street, New Delhi-110001
सूचनाप्रौद्योगिकी विभाग/IT Division



Dated: 24th December, 2025

Subject: Inviting Industry Feedback on draft technical specification for supply of Server (1 No.) for LAN management.

Prasar Bharati intends to invite a fresh tender on the GeM portal for the supply of Server (1 No.) for LAN management.

In this regard, the draft technical specifications are hereby published to invite industry feedback from prospective bidders, OEMs, or their authorized dealers/sellers. Feedback is sought on the attached draft technical specifications for the supply of Server (1 No.) for LAN management.

Submission of a budgetary quote is mandatory and must be provided along with the technical feedback.

The response, including feedback on the technical specifications and the corresponding budgetary quote, may be furnished on or before 07.01.2026 at the following email ID:

ade-it@prasarbharati.gov.in

(Simmi Mittal)
Assistant Director (IT)

To
Director (PBNS) for publishing on Prasar Bharati Corporate Website.



TECHNICAL SPECIFICATION DOCUMENT

For

Supply of Server for LAN management- 1 No.

Date: 19/12/2025

Prasar Bharati (India's Public service Broadcaster) invites bids through GeM Portal for **supply of Server (1 No.) for LAN management.**

1. Scope of Work:

The selected bidder is required to complete supply and installation of Server as per specification given in this document. The scope also includes all associated hardware, software licenses, configuration, installation with **three-year onsite warranty**. The offered server should not be declared as end of life

2. Technical Eligibility Criteria:

SI No.	Criteria	Description	Required Documentary proof
1	Work experience of Bidder	The bidder should have minimum 3 years of experience of the similar work.	Documentary proof such as Purchase orders, completion certificate etc is to be uploaded. .
2	OEM Authorization Certificate	Bidder is required to submit Manufacturers Authorization Form (MAF) / Certificate issued by the OEM (of offered product) to bidder. MAF shall include bidder's particulars such as name of Firm, address; email Id and Phone No., including particulars of issuing authority.	Upload 'Manufacturer Authorization Form/certificate'
3.	OEM Certification	OEM should have valid ISO 9001:2005 and ISO 27001.	Copies of the certificate to be attached.

3. Technical Evaluation

1. The tender shall be technical evaluated on the basis of eligibility of the bidder.
2. Technical Evaluation shall be done on the basis of compliance statement, customer reference certificates, technical literature related to quoted products.
3. If required, bidder may be asked to arrange a demonstration of the offered items.
4. Documents required for Technical Evaluation:
 - a. A point by point compliance statement duly signed by the bidder in respect of all the points laid down in the specifications for all the equipment/ items shall be submitted along with the bid by the bidder.
 - b. One set of Maintenance/operational manuals of each hardware from OEM shall be provided by the bidder.
 - c. Detailed Literature giving complete details of features and performance data to facilitate the technical evaluation.
 - d. Back to Back Support commitment from OEM for the period of three years.
 - e. A copy of un-priced Bill of Material (BOM) indicating make, model no., and complete configuration details of offered item shall be quoted clearly.

4. Warranty & Maintenance

1. All items shall be warranted from OEM for trouble free operation for a minimum period of 3 years from the date of commissioning and shall not be declared end of life.
2. In case of failure of any equipment or its part/module, the tenderer will send a replacement. The faulty part shall be sent back to tenderer after rectification of fault.
3. If it is not possible to rectify the fault remotely or by replacement of part/module, onsite support for replacement/servicing/debugging of software/reinstallation /reconfiguring of software etc. shall be provided by tenderer free of cost.
4. No separate charges will be paid for the visit of engineers for attending to faults and repairs or supply of spare parts.

5. Delivery Period

All items listed in Bill of Material including installation shall be supplied within 60 days.

6. Bill of Material

Details of Items:

S.No.	Item	Quantity & Unit of Measurement
1.	Server	1 No.

7. The Detailed Technical Specifications are as below:

Item wise detailed requirements and technical specifications as per BOM are given.

Item No 1 : Server (1 Nos)

Sr. No	Category	Specification
1.	Processor	2 × Intel Xeon Silver 4514Y (5th Gen Emerald Rapids)
2.	Form Factor	2U Rackmount (19-inch standard), depth ~700–780 mm
3.	Cores / Threads	16 cores / 32 threads per CPU → Total 32 cores / 64 threads
4.	Clock Speed	Base 2.0 GHz, All-core turbo ~2.8 GHz, Max turbo 3.4 GHz
5.	Typical RAM Config	512 GB DDR5-4800 ECC RDIMM, 16x 32 GB modules, 8 channels per CPU
6.	Monitor Size	22.87" - 24.8" inches or higher
7.	Display type and technology	LED-backlit IPS panel, anti-glare, 100% sRGB
8.	Display Resolution	1920x1080 FHD Display
9.	Monitor Port	1×HDMI 2.0 + 1×DisplayPort 1.4+1 VGA
10.	Keyboard and touch Pad device	Keyboard wired
11.	Mouse	wired
12.	Drive Bays	Up to 12 × 3.5" LFF or 24 × 2.5" SFF (hot-swap SAS/SATA/NVMe) + 2 × M.2 (boot)
13.	Storage	6 x 3.84 TB SAS SSD (Read/Mixed-Use, 12 Gb/s)
14.	Storage Controller	Intel VROC (software RAID) + optional 12/24 Gb/s SAS HBA or Tri-mode RAID card
15.	PCIe Slots	Atleast 8 PCIe 5.0 (x16/x8/x4) – supports double-width GPUs, high-speed NICs, NVMe adapters
16.	Networking	Atleast 2 × 1/10 GbE onboard (Intel/Broadcom) + OCP 3.0 slot for 25/100 GbE
17.	Management Port	Dedicated 1 GbE IPMI / Redfish port
18.	USB / Video Ports	Front: 2 × USB 3.2, 1 × VGA; Rear: 4–6 × USB 3.2, VGA, serial (optional)
19.	Power Supply	2 × 800–1100 W hot-plug redundant (80 PLUS Platinum/Titanium)
20.	Cooling	4–6 × high-performance hot-swap fans (redundant)
21.	Management	IPMI 2.0, Redfish API, remote KVM, virtual media, HTML5 console
22.	Security	TPM 2.0, Secure Boot, Intel SGX, Silicon Root of Trust, optional chassis intrusion switch

8. Additional Terms and Conditions:

Additional Terms and Conditions:	(i)	Escalation matrix for service support to be provided by bidder/OEM
	(ii)	OEM Service Centre must be across PAN India (List of service Centre to be attached)
	(iii)	Bidder Office/Service Centre should be available in Delhi–NCR. Documentary proof to be submitted.
	(iv)	Malicious Code Certificate duly filled and signed/stamped by OEM in Letterhead
	(v)	OEM must have online system hardware diagnostic facility
	(vi)	OEM must support recovery media creation through its website to re install the operating system when required and bring the computer back
	(vii)	Complete Configuration, installation and user documentation of above system should be available on OEM website.
