

OK

टाटा मूलभूत अनुसंधान संस्थान हैदराबाद
TATA INSTITUTE OF FUNDAMENTAL RESEARCH HYDERABAD
प्लॉट नंबर 36/पी, गोपनपल्ली गांव, सेरिलिंगमपल्ली मंडल, रंगारेड्डी जिला,
हैदराबाद 500 046, तेलंगाना, भारत.

**Plot No.36/P, Gopanpally Village, Serilingampally Mandal, RangaReddy District
Hyderabad 500 046, Telangana, India.**

टेलीफ़ोन /Telephone: +91-40-2020 3040

ईमेल /Email: purchasegroup@tifrh.res.in

वेबसाइट /Website: www.tifrh.res.in

तारीख /Date: 09-07-2026

Ref. No. TIFR/PD/CA26-01/M/01

Sub: Pre-Bid Meeting Clarification for the Public Tender for Supply, Installation and commissioning of Parallel File System (PFS) storage for existing High Performance Computing Cluster (HPC) at TIFR Hyderabad.

Dear Bidders/Vendors,

With reference to above-mentioned tender, the pre-bid meeting was scheduled on 02-07-2026 at 11.00 hrs.

Pre-Bid Meeting Participation:

- 1) M/s. Netweb technologies India Limited.
- 2) M/s. ThinkparQ GMBH
- 3) M/s. Micropoint Computers Pvt Ltd
- 4) M/s. SBA Infosolutions
- 5) M/s. SS information Systems Pvt. Ltd
- 6) M/s. SHI Solutions
- 7) M/s. Meganet Technologies Global Pvt Ltd
- 8) M/s. TIS Labs
- 9) M/s. Dhanyeyai Enterprises Pvt Ltd
- 10) M/s. Dell Technologies

Technical and Commercial Clarifications:

- 1) Requesting to provide the details of existing Omnipath Switch and adapters

Response: Switch - CORNELIS 48 ports 100G OMNI-PATH EXPRESS EDGE SWITCH
9 ports available for use. Existing servers are connected using Intel Omni-Path HFI
100 Series fabric adapter

- 2) Requesting to provide the details of existing HPC Cluster and client details



[Handwritten signature]

Response: 35 compute nodes with 96 cores per node with 2 master nodes clustered together using 100G omnipath running on Rokcy Linux 8.8

- 3) Requesting to remove the point 3 of line item 1.2 as the SAS zoning is not supported by many plain JBODs

Response: No Change. Bidders/OEM who doesn't support SAS zoning or equivalent logical partitioning of single large OST JBOD (option -2) across different OSS pairs can use multiple JBODs (option -1) with one JBOD for one OSS HA pair as per the tender.

- 4) Requesting bidders to allow quoting for NVMe/SAS SSDs for MDT

Response: Yes, the bidders can quote either SAS/NVMe/NVMe-OF for MDT. The bidders quoting NVMe should consider the associated network fabric and accessories to achieve the HA configuration as per tender

- 5) Requesting to allow using community edition of PFS software instead of licensed version

Response: No Change. All the bidders should use latest stable, OEM-supported enterprise version of the PFS software. MAF for the same from the respective OEM should be enclosed along with the technical bid

- 6) Requesting to reduce the read/write benchmark as 6 GB/s and 8 GB/s

Response: Accepted. Read as follows line item 1.4 point 2 and 3 point 3

Benchmarking and Acceptance test: As a part of acceptance test, the bidder should run the following benchmarks on the offered storage solution and results of the same should be submitted.

Open source fio and IOR/IOZone benchmarks must be used to demonstrate aggregate performance of the storage system. They must be run with many to one distribution of large sequential, random read and write of 1MB I/O block size. Benchmarks should be run and submitted with I/O measured from client (compute node) using IOR benchmark for minimum 6 GB/s or higher write throughput and 8 GB/s or higher read throughput

- 7) How many nodes will be used with burst buffer functionality

Response: It will be used up to 4 nodes

- 8) Requesting to revise Next Business Day Hardware support with Next week hardware support

Response: Critical spares such as hard drives, RAM, and SMPS must be made available by the next business day to ensure uninterrupted services. Non-critical components may be supplied within seven (7) days of any reported failure



- 9) Requesting to reduce the bid validity from 180 days to 90 days due to market volatility

Response: The bid validity should be minimum 120 days from the date of opening the bid.



[Handwritten signature] 09/03/22

(D. Hari Prasad)
Head, Administration & Finance
TIFR Hyderabad