

टाटा मूलभूत अनुसंधान संस्थान हैदराबाद
TATA INSTITUTE OF FUNDAMENTAL RESEARCH HYDERABAD
प्लॉट नं. ३६/पी, गोपनपल्ली ग्राम, सेरलंगमपल्ली मंडल, रंगा रेड्डी जिला, हैदराबाद -
५०० १०७, तेलंगाना.

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तिथि /Date: 04-11-2025

Public Tender Ref. No. TIFR/PD/CA25-01/M/01 for Supply, Installation, and Commissioning of data center with modular in-row cooling units with fire suppression system”.

Sub: Pre-Bid meeting Clarification against Public tender issued for "Supply, Installation, and Commissioning of data center with modular in-row cooling units with fire suppression system” (Tender Ref. No. TIFR/PD/CA25-01/M/01)

Dear Bidders/Vendors,

With reference to the above Public tender, the following bidders have participated in the pre-bid meeting on 03-11-2025 at 12.00Hrs

1. M/s. Micropoint Computers Pvt Ltd, Mumbai.
2. M/s. Grid 2 Chip, Hyderabad

The above bidders participated offline meeting at TIFR, Hyderabad for the Technical and Commercial details of the above Tender.

Technical clarification are as follows:

1) Page no - 3, Is experience required only for smart server racks or complete data centres ?
The Bidder/OEM should have minimum 5 years domestic experience in the supply, installation and commissioning of smart racks in India. They should have successfully executed the above mentioned projects in Serial no - 1 at Government/ Public/ Private Research organizations /institutions /Manufacturing/Banking industries using High Performance Computing Clusters across the country.

Amended as: The Bidder/OEM should have minimum 5 years domestic experience in the supply, installation and commissioning of Data Centers in India. They should have successfully executed the above mentioned projects in Serial no - 1 at Government/ Public/ Private Research organizations /institutions /Manufacturing/Banking industries using High Performance Computing Clusters across the country.

2) Page no - 7, can this be amended as 3 point locking system with IP54 rating ? Fitted with Front Glass door & Rear Sheet Steel Door with 4-point locking system and comfort handle with locking.

Amended as: Fitted with Front Glass door & Rear Sheet Steel Door with 3-point locking system or better and comfort handle with locking with IP54 ingress protection

3) Page no - 7, can the painting method and colour be of open standard? Surface Finish: Nano Ceramic Coated, electro-dip coat primed to 20 microns and powder coated with textured polyester RAL 7035 to 80 to 120 microns.

Amended as: Surface Finish: Nano Ceramic Coated and powder coated with textured polyester RAL 7035 or RAL 9010 to 80 to 120 microns.

4) Can we quote for inrow units with different quantity and size fans than the mentioned 5 Nos x 300 mm fans?

Amended as: Yes, the quantity and size of EC fans can be as per the quoted OEM model. Regardless of EC fan size and quantity, the entire solution should be able to provide sufficient cooling for IT loads upto 60 KW with minimum N+1 redundancy or better

5) Can the bidders quote for 300 mm Inrow units instead of 600 mm inrow units ?

Amended as: Yes, the bidders can quote 300 mm inrow cooling units and it can be upto 600 mm. But the overall solution of rack and inrow units should not be more than 3400 mm as the overall width available at the site is 4000 mm. A CAD diagram of the proposed solution layout should be provided along with the technical bid.

6) Request to change the quantity of Inrows from 2 Nos to 3 Nos as it requires minimum 3 Nos (2W + 1S) to achieve N+1 redundancy

Amended as: The bidders can quote not more than 3 Nos of Inrow units to achieve minimum N+1 redundancy or better.

7) Requesting to allow two way modulating valve instead of PIBC valve

Amended as: The bidders can quote inrow cooling units with two way modulating valve.

8) Will the dummy load for testing the cooling units will be provided by TIFR?

Amended as: No, the bidders has to arrange electrical resistive heat load for testing the installed solution

9) Is air filter, electrical reheating, dehumidifier and humidifier mandatory for micro data centre solution with complete closed loop closing which is completely sealed and isolated from room ambient temperature ?

Amended as: It is not mandatory to have air filter, electrical reheating, dehumidifier and humidifier for a micro data centre solution with complete closed loop closing which is completely sealed and isolated from room ambient temperature. But the provided solution should maintain the temperature RH as per the specifications at various load levels and the same has to be demonstrated during commissioning.

**प्रशासनिक अवधकारी / ADMINISTRATIVE OFFICER
(क्रय अनुभाग) / (PURCHASE SECTION)
टीआईएफआर हैदराबाद / TIFR HYDERABAD**

