

Request for Proposal (RFP)

Domestic Tender

Tender notification for the procurement of two servers, each with at least two H100s

Date of publishing the tender: 9th April 2024

Last date to receive the quotes: 30th April 2024

In order to accomplish the goals of a project we plan to procure two (Qty:2) **CPU: 2 X Intel Xeon Scalable 4th gen (Sapphire Rapids)** to train deep learning models. In the following we list the minimum specifications that we insist upon in the solution.

Minimum specification for each servers is:

CPU: 2 X Intel Xeon Scalable 4th gen (**Sapphire Rapids**) or newer/ AMD Epyc 4th gen (**Genoa**) or newer, with at least 32 cores (64 threads) per processor (Total: **minimum of 64 cores, 128 threads**). The base CPU frequency should be 2.8 GHz or more. The processor should support **PCIe 5.0** or higher. The processor should support **Trusted Secure Enclaves** (for e.g., **SGX**)

DRAM: 512 GB of DDR5. Minimum DRAM frequency 4800 MHz.

SSD: 2 X NVMe.m2 PCIe 5 with each capacity of 1.9TB or more.

HDD: 4TB SATA

GPU: 2 X NVIDIA H100 GPUs.

Motherboard: Should support PCIe5 connection between CPU and the GPU. The motherboard should be able to accommodate a total of four H100 GPUs for future expansion.

NIC: 2 X 1GbE port(s)

Power supply: Gold or higher-rated power supply. It should have sufficient wattage to support CPUs, GPUs (up to four H100), DRAM, etc.

OS: Ubuntu

In the case of price being same the following will get the preference

Lowest power configuration will be considered.

Terms and conditions

1. Two-bid system (separate technical and financial bids) in sealed tenders, covers containing the technical and commercial bids must be individually sealed and superscribed respectively as “Servers – Technical Bid” and “Servers – Commercial Bid”. The two covers must be put in a larger envelope, sealed, superscribed as “GPU: 2 X NVIDIA H100 GPUs”.
2. The technical bid must clearly specify the prescribed technical specifications without including the prices. The detailed specifications should be given for the above. Unique characteristics may be highlighted. Technical compliance report must be attached. All the commercial terms and conditions including advance, warranty, payment terms etc., should be included as part of the technical bid.
3. Vendors who include price information in the technical bids will be automatically disqualified.
4. At least 3 independent reference letters from installations worldwide with at least one reference from India meeting the above specifications or better without which the quote will not be considered. IISc may contact more users for obtaining independent references. The committee will have right to reject a bid based on reference letters.
5. Technical bids will be opened first. IISc may seek clarifications during **evaluation of** technical bids and may ask vendors to perform some example experiments on the samples given by IISc to demonstrate the promised technical specifications. Vendors may be required to give presentations.
6. Price bids of only technically qualified vendors will be considered.
7. The total solution as per the agreed bill of materials must be supplied within 4 – 6 weeks after receiving a firm PO from IISc. The installation and acceptance must be completed within 2 – 3 weeks after supply of the equipment.
8. Prebid clarification meeting will be held if required after one week from the notification of the tender.
9. IISc also reserves the right to cancel the tender at any time without assigning any reason whatsoever.
10. The Bidder should belong to either Class-1 or Class-2 suppliers distinguished by their “local content” as defined by recent edits to GFR. They should mention clearly which class they belong to in the cover letter. a) Class-1 supplier: Goods and services should have local content of equal to or more than 50%. b) Class-2 supplier: Goods and services should have local content of equal to or more than 20 % and less than 50%.
11. Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.

12. The quotations should be on FOR-IISc Bangalore basis in INR only.
13. Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class-1 local suppliers/Class-2 local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training, and other sales service support like AMC/CMC, etc., as local value addition.
14. Purchase preference as defined by the recent edits to GFR (within the “margin of purchase preference”) will be given to the Class-1 supplier.
15. MSMEs can seek an exemption to some qualification criteria. IISc follows GFR2017 for such details.

Tender documents should be sent to the following address.

Chair, Computer Science and Automation

Indian Institute of Science
Bangalore 560 012
Karnataka
INDIA