

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

2A & 2B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032

Tender No. : IACS/SMCS/PBR/122

Date: 25.01.2022

Sealed tender in two bids system (technical bid and price bid) is invited from bonafide, resourceful and eligible manufacturer/exclusive distributor/vendors for supply and installation of **superserver with tensor core GPU**.

Part-I (Technical Bid) of the tender should contain technical specifications in detail as well as commercial terms and conditions. Part-II (Price Bid) should clearly indicate group-wise price, if needed, as mentioned in the technical bid. The Technical Bid and Price Bid are to be submitted in separately sealed envelopes, distinctly marked accordingly and both to be put inside another envelope, that should be sealed and superscribed with tender notice no. and due date. The bidders may submit bids duly signed in their own letterheads.

Completed tender bids should reach to the **dispatch section (at IACS)** on or before the scheduled date and time specified below:

Tender notice no.	IACS/SMCS/PBR/122 dated 25.01.2022
Last date and time of submitting tender	16.02.2022 at 2:00 P.M. at Dispatch Section
Pre-bid meeting to discuss technical specification	03.02.2022 @3.30 PM through online mode (interested bidders need to send participation request before 03.02.2022 to partha.basuchowdhuri@iacs.res.in; meeting link will be sent upon receiving the request)
Date and time of opening tender (Technical Specification)	16.02.2022 at 3:00 P.M. at Room 72B, Main Building
Date and Time of opening Price Bid	The Price Bids of the bidders qualifying the technical bid will only be opened, the date of which will be intimated to the short-listed bidders at their email addresses. The rest of the bids will be rejected.
Contact Details	Email: partha.basuchowdhuri@iacs.res.in, Tel: +91-33- 2473 4971 (extn.: 1224)

The technical bids will be opened first to judge/evaluate the technical specifications of the said server and thereafter the price bids of only technically qualified bidders will be opened.

Please note that IACS will not provide any accommodation or reimburse any expenses to any of the bidders for attending opening of technical bid. Quotations received incomplete or beyond the stipulated time will be rejected.

Bidders should submit their past experience for supplying and successful installation of similar units to other research Institutes/Universities/other organizations in India and abroad. Please provide documentary proofs of such successful installation and supportive documents that the instruments are running successfully.

1. TECHNICAL BID

The technical bid should contain technical specifications and should be kept in a separate sealed envelope duly super scribed as **‘TECHNICAL BID’** on the outer cover of the envelope. It should be clearly mentioned on the envelope as **“Superserver with Tensor Core GPU”**.

Technical Specification: Detailed Technical Specifications acceptable for the **server** are:

Feature #	Feature	Specifications
1	Processor	2 x Rome 7282 16C/32T 2.8G 64M 120W 4094
2	Memory	128 GB DDR4-3200 ECC RDIMM
3	GPU	1 x NVIDIA A100 40GB CoWoS HBM2 PCIe 4.0-- Passive Cooling ,(supports up to NVIDIA® HGX™ A100 4-GPU; Highest GPU communication using NVIDIA® NVLINK™, 4 NICs for GPUDirect RDMA (1:1 GPU Ratio)
4	Storage	1.92TB NVMe PCIe4x4 2x2 2.5" 15mm SIE 1DWPDP
5	Gigabit Ethernet	2 RJ45 10GbE-aggregate host LAN ports
6	Chassis	2U effective form factor
7	Exp Slots	4 PCI-E Gen 4 x16 (LP), 1 PCI-E Gen 4 x8 (LP)
8	Graphics	Integrated
9	Management	IPMI 2.0 compliant with dedicated port
10	Power Supply	2x 2200W Platinum Level power supplies with Smart Power Redundancy
11	Warranty	3-year Parts, 3-year labour, 3-year on site Supports NBD On Hardware Only

Table 1: Features and specifications of the superserver.

Passive Components: If any passive component is needed in this mail server solution installation process, vendor should supply the same as part of the same bill of materials.

Service Facility: Supplier should mention the details of their service setup and man powers in India, preferably Kolkata.

Tender will not be accepted, if the technical compliance chart is not provided following the given format below:

Feature #	Feature	Specifications provided in tender	Specifications offered by you	Extent of compliance

Important notes:

- i) Vendor should quote rates involved, if any, for the Optional Items/services mentioned separately.
- ii) Bidder providing misleading or wrong information will be disqualified
- iii) All technical claims of the Bidder should be supported by product catalogue, public website of the manufacture.
- iv) Qualified vendor will be required to undertake the room refurbishment for proper installation of the system. IACS will provide the space with electrical connection. The vendor will be required to install the necessary tables and other furniture as required by the instruments.
- v) The above-mentioned technical specifications are highly desirable. However, the Institute reserves the right to go for customized specifications taking into considerations its financial constraints and technical preferences.

2. PRICE/FINANCIAL BID:

The financial bid indicating (item-wise) price for the item(s) mentioned in the technical bid should be kept in a separate sealed envelope duly superscribed as '**PRICE BID**' on the outer cover of the envelop as already detailed above. Price bids of only technically qualified bidders will be opened and they will be intimated the date and time of the opening of price bid at their e-mail ids. Rest of the bidders will stand rejected.

PRICE: Price to be quoted on INR (The Indian Rupee).

3. BID SECURITY:

a. An Account payee Demand Draft/Pay Order of Nationalized Indian Bank for Rs. 25,000 (Rupees Twenty thousand only) drawn in favour of "Indian Association for the Cultivation of Science (State Bank of India, Jadavpur University Branch, A/C No. 11079699211, IFSC: SBIN000093, MICR Code:700002048)" is to be furnished by the bidders along with Technical Bid except those who are registered with the Central Purchase Organizations, National Small Industries Corporation or the concerned Ministry or Department, as Bid Security money or Earnest Money Deposit (EMD). Alternatively, the Bidder shall have the

option to furnish the EMD in the format of Bank Guarantee (BG) of any Indian Nationalized Bank, preferably located at Kolkata.

b. The Demand Draft for the Bid-Security should have at least about 90 (ninety) days validity period of opening of the bids.

c. In case of non-award of the work the Bid Security money would be returned to the unsuccessful Bidders.

4. PERFORMANCE SECURITY:

An Account Payee Demand Draft on any nationalized bank of India or Bank Guarantee (BG) of any Indian Nationalized Bank preferably located at Kolkata of 10% of the order value in the name of “Indian Association for the Cultivation of Science” is to be furnished by the successful bidder as Performance security. Performance security money should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the supplier including warranty obligations. Bid security money or EMD will be refunded to successful bidder on receipt of the Performance security money.

5. TERMS OF PAYMENT:

Payment will be made through irrevocable Letter of Credit in two installments. 90% of the money will be released on submission of shipping of documents. Remaining 10% will be released after successful installation of the instrument.

6. GENERAL INSTRUCTIONS:

1. Validity of tender: Tender submitted should remain valid for at least six months from the date of opening the tender. Validity beyond six months from the date of opening of the tender shall be lapsed by mutual consent.

2. The tender should accompany a compliance chart.

3. Incomplete and conditional tenders as well as tenders received after the due date will be summarily rejected without assigning any reasons thereof.

4. At any time prior to the bid due date, IACS may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder during pre-bid meeting, modify the bidding documents. The amendment(s) will be notified on the institute website. Prospective bidders are advised to occasionally to visit the website (www.iacs.res.in/tender) for any amendment.

5. Installation/Demonstration/Application training at site: Installation & user training at IACS, free of cost by the supplier.

6. Service facility: In India, preferably Kolkata, supplier should mention their details of service setup and man powers who are responsible for after sales support. Response time should be within 24 hrs.

7. The model number, make and a printed literature of the product should be submitted positively.

8. Proposed delivery schedule should be mentioned clearly.

9. Manufacturers / exclusive distributors / vendors should have history of supplying this type of instruments to this or other scientific organizations. Availability of a list in this regard would be preferred.

10. Authorized dealership certificate should be provided in case of principal manufacturing company is not quoting directly.

11. Guarantee certificate, user manuals etc. are to be handed over to the user after successful commissioning of the system.

12. In the event of date being declared a closed holiday for purchaser's office, the due date for submission of bids and opening of the technical bids will be the following working day at the appointed time.
13. In case of any dispute, the decision of IACS authority shall be final and bidding on the bidders.
14. For any clarification regarding technical specifications, information etc., please send your queries to partha.basuchowdhuri@iacs.res.in.
15. The authority of IACS reserves the right to reject any or all of the tenders received without assigning any reason thereof.

Acting Registrar