

**Global Tender Notification for the upgradation of existing Rack mountable 192 Core Server system to 384 core server system-4 Nos.**

(Last Date for Submission: August 22, 2022)

**GTE Approval No.: IISc-GTE-2022-189**

This is a **Request for Quote (RFQ)** for the **upgradation of existing Rack mountable 192 Core Server system to 384 core server system- 4 nos** for the Interdisciplinary Centre for Energy Research at the Indian Institute of Science (IISc), Bangalore. The tender should be submitted in two separate sealed envelopes: one containing the **technical bid** and the other containing the **commercial bid**, both of which should reach us, duly signed on or before **22<sup>nd</sup> August 2022 on or before 1700 hrs.** The bids should be addressed to:

**The Chairman,  
Interdisciplinary Centre for Energy Research  
Indian Institute of Science  
Bangalore 560012, India.  
Kind attention: Prof. Pramod Kumar  
Email: [pramod@iisc.ac.in](mailto:pramod@iisc.ac.in)**

Direct all questions concerning the acquisition to **Prof. Pramod Kumar** at: [pramod@iisc.ac.in](mailto:pramod@iisc.ac.in)

**General Terms and Conditions:**

1. The bid should be submitted in the two-cover system, i.e., technical bid and commercial bid separately in sealed covers. The technical bid should contain all commercial terms and conditions, except the price.
2. The technical bid must contain a point-by-point technical compliance document. The technical proposal should contain a compliance table that should describe your compliance in a "yes" or "no" response against each of the items in the table listed in this RFQ. If "no" the second column should state the extent of deviation. The third column should state the reason for the deviation, if any. The fourth column can be used to compare your product with that of your competitors or provide details as requested in the technical requirement table below.
3. In the commercial bid, the price should be inclusive of all discounts.
4. The lead time for the delivery of the items should not be more than 4 weeks from the date of receipt of our purchase order. It should be clearly mentioned in the technical and commercial bids.
5. All the quotations must be valid for at least 90 days at the time of submission.
6. List of customers and references: It is preferable for the Bidder should have supplied similar equipment in centrally Funded Technical Institutes (IITs, IISc, IISER, NIT). Please provide the details and contact information.
7. The Bidder must not be blacklisted/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere. A declaration to this effect should be provided.
8. Items in addition to that listed in the technical table that you would like to bring to the attention of the committee, such as data sheets, technical plots etc. can be listed at the end of the compliance table.
9. Vendors are encouraged to highlight the advantage of their product over

- comparable product from the competitors.
10. If needed, a meeting for any technical clarifications can be scheduled with the undersigned by sending an email.
  11. The Institute reserves the right to accept or reject any bid, or to annul the bidding process and reject all bids, at any time prior to the award of contract without thereby incurring any liability of the affected bidder or bidders.
  12. Warranty terms and additional warranty options is a must for all the components. Please specify the service plan like whether the local distributor will address the issue or the parent company.
  13. Terms and conditions for the annual maintenance contract beyond the warranty period should be mentioned.
  14. After the award of purchase order, the vendor must provide an Order Acknowledgement within 30 days from the receipt of the Purchase Order.
  15. Please quote the price of each optional line item, separately.

**1) Technical requirements:** Please note that the requirements and options listed below are only guidelines. It does not disbar bids that do not meet the criteria listed. Vendors are requested to quote for the upgradation of server systems that meet the criteria to the best extent possible and list deviations. Deviations are NOT an automatic reason for disqualification.

**Quantity: 4 Nos.**

Sl No.	Description	Specification
1.1	Processor	Intel Xeon Platinum 9242 Series Processor
1.2	No. of Processors	Min 2 or more
1.3	No. of Cores	Total number of cores should be 192 cores/384 Threads accordingly the number of processors to be selected.
1.4	RAM	48x 32GB DDR4 3200 MHz ECC RDIMM (1.5 TB total)
1.5	HDD Storage	480 GB 2.5" SSATA 6Gb/s SSD
1.6	Connectivity	Dual 1GbE LAN Ports/InfiniBand switch depending on the server configuration
1.7	Graphics	Min. 4 Gb dedicated on board graphic memory or higher
1.8	Network	Dedicated Management Port (1 no)
1.9	Power Supply	Dual Hot Plug Power Supply (Preference will be given to lower power consumption server)
1.10	DVD Drive	Slim 8x DVD Drive
1.11	Warranty	Min 3Years comprehensive warranty with Priority Support

1.12	Delivery Installation with Configuration for Windows Server:	Onsite installation and configuration to be included
1.13	Infini Band Card	Connect X-6 VPI adapter card, 100Gb/s (HDR 100, EDR IB and 100GbE), Single port QSFP6, Pcle3.0/4.0 x 16, tall bracket (2 Nos)
1.14	Additional Graphics card 48GB NVIDIA Quadro A6000 series	To be quoted as an optional item

**2) Vendor's scope of supply for the upgradation of existing Rack mountable 192 Core Server system to 384 core server system:**

- a) Upgradation of existing Rack Mountable 192 Cores Server System to 384 system-4 Nos
- b) Rack mount Rail Kit
- c) Power cord (India)
- d) LAN cable

**3) Mandatory non-technical requirements:**

- a) The bidders must enclose a client list, contact details, relevant brochures and Compliance Certificate as per Annexure I provided with the tender.
- b) The bidders should be well established firm preferably leaders in the application stated above and must have a proven track record.
- c) Authorization from the OEM/ Principals as a separate Annexure II
- d) The order should be completed within 16 weeks from the date of release of the Purchase Order.

**3) Supply and Commissioning requirements:**

- a) Supply, installation and configuration of the complete server system must be done at IISc, Bangalore
- b) Training on operation and troubleshooting of the complete upgradation of existing Rack Mountable 192 Cores Server System to 384 Core server system must be provided at IISc, Bangalore

**4) Optional requirements:**

- a) Warranty: 3 years warranty to be provided from the date of delivery at IISc, Bangalore.

## Annexure-I

**Note:** Compliance Certificate must be enclosed with the Technical bid. Non submission of Compliance Certificate will lead to disqualification of the bidder.

Sl No.	Description	Specification	Comply	Non-comply	Deviation	Remarks
1.1	Processor	Intel Xeon Platinum 9242 Series Processor				
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1.3	No. of Cores	Total number of cores should be 192 cores/384 Threads accordingly the number of processors to be selected.				
1.4	RAM	48x 32GB DDR4 3200 MHz ECC RDIMM (1.5 TB total)				
1.5	HDD Storage	480 GB 2.5" SSATA 6Gb/s SSD				
1.6	Connectivity	Dual 1GbE LAN Ports/InfiniBand switch depending on the server configuration				
1.7	Graphics	Min. 4 Gb dedicated on board graphic memory or higher				
1.8	Network	Dedicated Management Port (1 no)				
1.9	Power Supply	Dual Hot Plug Power Supply (Preference will be given to lower power consumption server)				
1.10	DVD Drive	Slim 8x DVD Drive				
1.11	Warranty	Min 3Years comprehensive warranty with Priority Support				
1.12	Delivery Installation with Configuration for Windows Server:	Onsite installation and configuration to be included				

1.13	Infini Band Card	Connect X-6 VPI adapter card, 100Gb/s (HDR 100, EDR IB and 100GbE), Single port QSFP6, Pcle3.0/4.0 x 16, tall bracket (2 Nos)				
1.14	Additional Graphics card	To be quoted as an optional item				

## **Annexure-II**

### **MANUFACTURERS' AUTHORIZATION FORM**

*[The bidder shall require the manufacturer to fill in this form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by the person with the proper authority to sign documents that are binding on the Manufacturer.]*

Date: [insert date (as day, month and year) of Bid

Submission] Tender No.: [insert number from

Invitation for Bids]

**To: The Chair, Interdisciplinary centre for Energy Research, IISc, Bangalore-560012**

#### WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert full address of Manufacture's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the

Manufacturer] Name: [insert complete name(s) of authorized

representative(s) of the Manufacturer] Title: [insert title]

Duly authorized to sign this authorization on behalf of: [insert complete name of Bidder]

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