

Interdisciplinary Centre of Energy Research (ICER)

Indian Institute of Science (IISc), Bangalore, INDIA

Local Tender Notice

Tender Notification Ref No.: ICER/ENQ/TNDR/PK/22-23/01 Date: 31March 2022

The *Interdisciplinary Centre of Energy Research (ICER)*, Indian Institute of Science Bangalore, invites tenders for supply of **“Upgradation of existing Rack Mountable 192 Cores Server System to 384 Cores Server System”**. This Invitation for Bids is open to only domestic (India based) manufacturers, Indian OEM, or its authorized Indian distributors.

The upgradation of the server includes **Supply, installation and configuration of an additional Rack Mountable 192 Cores 2U Server System compatible with the existing 192 Cores Server System.**

This is a **Request for quote (RFQ)** from **Indian Agencies** for supply of **“Upgradation of existing Rack Mountable 192 Cores Server System to 384 Cores Server System”** at the **“Interdisciplinary Centre of Energy Research (ICER), Indian Institute of Science, Bangalore.**

This Invitation for Bids is open to only domestic (India based) manufacturers, Indian OEM, or its authorized Indian distributors. All interested vendors shall submit a response demonstrating their capabilities to produce the requested equipment to the primary point of contact listed below.

With respect to this tender, the rules laid out by the Government of India in order No. P45021/2/2017-pp-BE-II issued by the Public Procurement Section, Department of Promotion of Industry and Internal Trade, Ministry of Commerce, and Industry, dated 4th June 2020 will be followed. As per the order the government has defined a ‘Class-I local supplier’ as “a supplier or service provider whose goods, services or work offered for procurement, has local content equal to or more than 50%”. A ‘Class-II local supplier’ is “a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%”. Only Class-I and Class-II local suppliers are eligible to participate in this open domestic tender. Any “Non-local supplier” i.e., “a supplier or service provider, whose goods, services or works offered for procurement, has local content less than 20%” is ineligible to participate in this tender.

The deadline for submission of proposals is on or before **15th April 2022 by 5 pm.** Proposals should arrive at the office of The Chair, Interdisciplinary Centre of Energy Research (ICER), Indian Institute of Science, Bangalore, Karnataka 560012, India.

Direct all questions concerning the acquisition to addresses to Dr. Pramod Kumar at: pramod@iisc.ac.in

All the bidders are requested to follow below mentioned **Detailed Technical Requirements**,

Terms and Conditions for submission of bids.

1) Technical Requirements:

SI No.	Description	Specification
1.1	Processor	Intel Xeon Platinum 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 REG DIMM (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

3) Vendor's scope of supply for the Rack Mountable 192 Cores Server System:

- a) Rack Mountable 192 Cores Server System
- b) Rack mount Rail Kit
- c) Power cord (India)
- d) LAN cable
- e) Blanking panels for the rack with case nuts

4) 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.

5) 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 Rack Mountable 192 Cores Server System must be provided at IISc, Bangalore

6) Optional requirements:

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

TERMS AND CONDITIONS FOR SUBMISSION OF BIDS

Both the Technical and Commercial bid should be put in separate sealed envelopes and both the envelopes should be put in another cover subscribing

“Rack Mountable 192 Cores Server System”

Kind Attention of: Dr. Pramod Kumar

and should reach

“The Chairman, Interdisciplinary Centre for Energy Research (ICER), IISc, Bangalore-560012, on or before **Friday, 15th April 2022**.”

The Technical bid must include all the details of technical specifications of the equipment, compliance certificate along with commercial terms and conditions, **however, without the price component**. The bill of materials printed technical brochure and any other documents to help the technical evaluation of the bid may be enclosed.

1. The commercial bid must include the price of the item(s) in Indian/Foreign currency indicating the breakup of
 - a) For Goods manufactured within India
 - (i) The price of the goods quoted Ex-works including taxes already paid.
 - (ii) GST and other taxes like excise duty, entry tax and other applicable taxes which will be payable on the goods if the contract is awarded.
 - (iii) The charges for inland transportation, insurance and other local services required for delivering the goods to IISc, Bangalore.
 - (iv) The installation, commissioning and training charges including any incidental services, if any with applicable service taxes.
2. The invoice to be billed at 5% GST for which concessional GST certificate will be provided to the vendor.
3. Please indicate the import code of the items.
4. If the goods are found to be defective, they have to be replaced / rectified at the cost of the supplier within 15 days from the date of receipt of written communication from us. If there is any delay in replacement / rectification, the warranty period should be correspondingly extended.
5. The quotation should be on FOR-IISc Bangalore basis in INR only.
6. Conditional tenders shall not be accepted.

7. Bids shall remain valid for minimum of 90 days after the date of bid opening prescribed by the Purchaser.
8. The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders.
9. The bidder should have established track record of supply, installation, and configuration of Rack Mountable 192 Cores Server System.
10. Technical support for 5 years must be provided.

Annexure-I

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

SI No.	Description	Comply	Non-comply	Deviation	Remarks
1.1	Processor				
1.2	No. of Processors				
1.3	No. of Cores				
1.4	RAM				
1.5	HDD Storage				
1.6	Connectivity				
1.7	Graphics				
1.8	Network				
1.9	Power Supply				
1.10	DVD Drive				
1.11	Warranty				
1.12	Delivery Installation with Configuration for Windows Server:				
1.13	Infini Band Card				
1.14	Additional Graphics card 48GB NVIDIA Quadro A6000 series				

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 Chairman, Interdisciplinary Centre for Energy Research (ICER), 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]