



भारतीय प्रौद्योगिकी संस्थान खड़गपुर
Indian Institute of Technology Kharagpur
सैद्धांतिक अध्ययन केंद्र / Centre for Theoretical studies

No. : IIT/CTS/ENQ/SERV/2017-18/01

Date: 27.10.2017

Sub: Procurement of Rack Mountable Computing Server

Indian Institute of Technology Kharagpur, an Institute of National Importance, invites sealed bids from reputed manufacturers or their authorized Distributors / Dealers, for “**Rack Mountable Computing Server**” as per the annexed specification for Centre for Theoretical Studies.

Interested parties may submit their sealed bids under Two-cover system as per **Technical Specifications** given at **Annexure I**, and **General Terms & Conditions** given at **Annexure II**. A Checklist and Compliance statement against each item of Annexure I - II thereon severally & individually shall also be submitted. Kindly refer to the Institute website www.iitkgp.ac.in [link: tenders] for complete tender details.

The tender be sent in a sealed packet, containing two separate sealed envelopes (one each for Technical Bid and Price Bid) with **Tender Notice No. IIT/CTS/SERV/2017-18/01, dated 27.10.2017, to the Office of the Convenor, Centre for Theoretical Studies, Indian Institute of Technology Kharagpur, P.O. Kharagpur Technology, PIN 721302 on or before November, 27, 2017 by 4.00 P.M.**

For any query pertaining to this bid document, communication be address to Convenor, Centre for Theoretical Studies, Indian Institute of Technology, Kharagpur-721302 [Ph.: 03222-281645, E-mail address : convenor@cts.iitkgp.ernet.in]

The technical bid will be evaluated first and price bids will be opened only in respect of those OEMs/Vendors, who are found technically qualified after evaluation of Technical bids.

The **Technical bids will be opened on November, 28, 2017 by 11.30 A.M.** in the Office of Convenor, Centre for Theoretical Studies, Indian Institute of Technology Kharagpur.

Copy to:

1. Institute website
2. Assistant Registrar (S&P)
3. Notice Board, Centre for Theoretical Studies

Convenor, Centre for Theoretical Studies

For Director, IIT Kharagpur

Rack Mount Server : Quantity 1**ANNEXURE-I**

Tender Notice No. IIT/CTS/SERV/2017-18/01

Date: 27.10.2017

Components	Minimum Required Specification
Processor	2 x Intel® Xeon® Gold 6154 Processor (18 core, 24.75M Cache, 3.00 GHz) or higher
Motherboard	OEM Motherboard support 2-Socket Intel® Xeon® Gold Processor Family with all necessary component
Performance	200W TDP
Chipset	Intel C624 chipset
Memory	8 x 32 GB DDR4 2666 MHz registered ECC memory or higher scalable to 3 TB on 24 DIMM slots
HDD Bays	Support Up to 3.5" x 12 hot-plug drive bays or higher
Hard Disk Drives	2 x 480GB SSD, 5 x 6 TB 7.2K rpm 512e HDD
Support for HDD Types	Hot plug, SAS / SATA, NLSAS and SSD
RAID Controller	Integrated PCI 3.0 RAID Controller with 2GB cache supporting Raid 5 or Raid 6
Optical disk Drive	DVD + RW Drive
I/O Slots	1) 2 front USB 3.0 2) 2 rear USB 2.0 /3.0 3) 1 rear VGA 4) 3 x PCIe Gen 3.0 x16 (mechanical & electrical, without the use of riser cards) 5) 3 x PCIe Gen 3.0 x8 (mechanical & electrical, without the use of riser cards)
Network interface	2 x 10GBASE-T, 4 x 1000BASE-T
Power Supplies	Minimum 2 x 750W 80 PLUS Platinum hot-plug power supplies with redundant hot-plug fans
Chassis	2U Rack mount tool-less chassis with sliding rails
Management	Server must offer remote management (including remote / virtual media & video redirection) like 1) Browser-based GUI for control of the system through a graphical interface, RESTful API integration 2) Event management, threshold management, asset management & performance management. 3) Fault management architecture including predictive self-healing 4) Managing BIOS provisioning through BMC/IPMI.
OS	Microsoft Windows Server2008, Centos Server 6.9, Red Hat Enterprise Linux
Fans	At least 4 hot-plug fans in redundancy or higher
Form Factor	The server will be rack mountable with all necessary rail kits in a 42U rack. The server will be operated through KVM switch (8 port PS2 / USB Combo) fitted in the rack. The supplier must fit the server in the rack.
Compliance	ACPI, BIS, PXE, CSA, UEFI, ASHRAE A3/ A4 or equivalent
Certifications	For OEM- ISO 9001 and 14001. For Quoted Model- UL/CSA, FCC or Equivalent, RoHs.
Warranty	5 years comprehensive 24x7 OEM ONSITE warranty with Hardware and Software support with next business day onsite response.

GENERAL TERMS AND CONDITIONS

1. Manufacturer/Indian Agents of OEM should submit two-parts bid, Technical and Commercial bid in separate sealed envelopes. The technical bid should have a copy of commercial bid with prices masked. Modules to be supplied by the Indian Agent from Indigenous sources must be with ISO 9001 or equivalent certification and unit prices of such modules must be given. Modules should have same warranty of FIVE years, as per the main equipment.
2. Only those manufacturers/their Indian Agents are eligible to quote who have supplied and installed at least three such equipment in India during the past two years. The bids must accompany copies of authentic users' certificates on successful installations in India. IIT Kharagpur reserves the right to verify confidentially the information in this regard from the users and
 - a. Provide the name of the Indian Agent who will be responsible for maintaining the equipment during the entire period under warranty and CMC
 - b. Provide names of service engineer who are posted in India; the service engineers should have been trained at Original Equipment Manufacturers (OEM's) own unit.
3. While submitting the technical bid, the company must undertake to ensure continued availability of adequate number of technically qualified Service Engineers for the Equipment during the period of supply.
4. Period of validity: Bids shall remain valid for acceptance for a period of two months (60 days) from the date of opening of Price Bids.
5. Conditional offer will not be accepted.
6. Price should be in Indian Rupees.
7. No freight and insurance charges will be provided and the materials are to be delivered at IIT Kharagpur at the cost and risk of the vendor.
8. No advance is payable against supply of stores.
9. **Late Tenders: - Tender received after the due date and time of submission as mentioned below shall not be accepted.**
10. Indian Agents of Bidders or Indian Agents who are bidding on behalf of their principals are to enclose the following documents:
 - a. Current Income Tax and Sales Tax clearance certificates, PAN No., GSTIN etc.
 - b. Banker's Solvency Certificate.
 - c. Summary of Audited statement of Accounts for the last three years to be enclosed and financial highlights and the key performance during the last three quarters.
11. Name and Address, phone and e-mail address of minimum five clients, out of which at least three should be in India to whom such/similar equipment have been supplied during the past two years should be mentioned. Customer satisfaction certificates from two such organizations are to be attached with the technical bid.
12. All Tenders (unless otherwise specified) are to be submitted/handed over to the Convenor, Centre for Theoretical Studies, Indian Institute of Technology, Kharagpur-721302 and acknowledgement to be obtained.
13. The person attending the bid opening session should be delegated with appropriate Power of Attorney (duly endorsed by a Notary Public) by the Chief Executive Officer of the Company to sign such documents. Only two persons on behalf of each Company will be allowed to participate/attend the Bid opening session.
14. Bid once submitted shall be the property of IIT Kharagpur and shall not be returned to the vendor at any time.
15. A bid submitted with false information will not only be rejected but the vendor may also be debarred from participation in future tendering process.
16. Canvassing in any form not only invites disqualification in this tender but may also result in debarring the vendor from participation in the future tendering process.
17. The vendor may be required to give presentation. Demonstration on the systems offered where vendor has installed and integrated similar solution may need to be arranged by the vendor at their own cost.
18. The Company must be able to provide an all-inclusive Comprehensive Annual Maintenance Contract for the equipment beyond the Warranty Period. The Institute would like to enter into Comprehensive Maintenance Contract beyond initial warranty Period with the manufacturer.
19. The installation must be completed within 15 days from the date of receipt by this institute. The presence of Service Engineer from the principal at the time of installation is essential.
20. Payment terms: 90% payment shall be released after receipt of stores in good order and condition and duly certified by the Head of the concerned Centre. Balance 10% will be released on submission of Bank Guarantee towards performance guarantee for the equivalent value of security deposit valid for the five years warranty period plus sixty days drawn on any Commercial Bank.
21. The Company must ensure the Institute about the 95% uptime during the operational period at the Institute with suitable spares and consumable at IIT Kharagpur. However, IIT Kharagpur may allow maximum time of 48 hours for

the consumable available in India and for other items maximum of 05 working days from the date of lodging of report. A penalty of Rs. 2000/- (two thousand rupees only) per day shall be imposed for delay beyond 5 days. Similar penalty will be applicable for installation delay beyond 15 days from the receipt of the instrument at site.

22. Change of Indian Agent: Prior intimation is required for this change. The new Agent should undertake to submit fresh performance guarantee first.

Important:

1. The institute may accept or reject any or all the bids in part or in full without assigning any reason and does not bind him to accept the lowest bid. The Institute at its discretion may change the quantity/upgrade the criteria/drop any item or part thereof at any time before placing the Purchase Order.
2. In case of any dispute, the decision of the Registrar of this Institute shall be final and binding on the Bidders.
3. For any query pertaining to this Bid document correspondence may be addressed to:-

Chairman
CTS Purchase Committee
Centre for Theoretical Studies
IIT Kharagpur

Convenor
Centre for Theoretical Studies
Indian Institute of Technology Kharagpur
P.O. Kharagpur Technology
Kharagpur-721302

N.B.: In case the due date for opening tender happens to be a holiday, the same will be opened on the next working day. The timings will however remain unchanged. Please Note that the Institute remains closed on Saturday & Sunday.