

Indian Institute of Engineering Science and Technology, Shibpur  
Howrah 711 103

Advt. No. DE/D(AA)/16/71 dated 16/12/2016

**TENDER**

The Ramanujan Central Library, Indian Institute of Engineering Science and Technology, Shibpur invites sealed quotations from reputed vendors for supply and installation of high end server, etc. as per the given technical specification. Last date for submission of quotation to the office of the Librarian, Ramanujan Central Library, Indian Institute of Engineering Science and Technology, Shibpur, is **January 6, 2017 by 3.00 P.M.** Opening of the bid will be same day at **3.30 P.M.**

Sd/-

(Dr. H. P. Sharma)  
Librarian (Actg.)

**Advt. No. Advt. No. DE/D(AA)/16/71 dated 16/12/2016**

Department: Ramanujan Central Library

Indian Institute of Engineering Science and Technology, Shibpur  
HOWRAH 711 103

**TERMS & CONDITIONS  
AND  
IMPORTANT INSTRUCTIONS FOR TENDERERS**

1. Tenderers are to download tender documents with technical specifications for all tendered items (list enclosed) from Institutes web site, <http://www.iiests.ac.in/>.
2. Tenderers are to submit the tenders in a large sealed cover super-scribing the Tender No, Date, Item No(s) and it should be quoted in two parts (i) technical and (ii) financial bidding in two separate sealed envelope as per the rules of the Institute and to be submitted in the Office of the Librarian, Ramanujan Central Library, Indian Institute of Engineering Science and Technology, Shibpur for which rates have been quoted.
3. The last date of receipt of tenders is **6<sup>th</sup> January 2017 up to 3.00 p.m.** Under any circumstances late receipt of tender will not be entertained. Tenders will be opened on **6<sup>th</sup> January 2017 at 3.30 p.m.** in the office of the Librarian, Ramanujan Central Library.
4. Materials and Accessories supplied should be as per specification (Annexure) and finally approved by the authorised Officer of the Indian Institute of Engineering Science and Technology, Shibpur.
5. The price quoted should include of all taxes, duties and levies. Inclusion of Tax/Levy at a later stage will not be accepted.
6. The materials are to be supplied at a place within Indian Institute of Engineering Science and Technology, Shibpur premises, between 10.00 a.m. and 4.00 p.m. from Monday to Friday except holidays. The tenderer will be responsible for any breakage, damage or defect in the equipment detected subsequently.
7. If the supply is not completed within the stipulated period as indicated in the Work Order, Liquidated Damage @ ½ per cent per week will be imposed subject to maximum of 5% of the value of work order.
8. Bills in triplicate should be presented for payment within 15 days of Supply/Completion of work. No advance payment can be made. All bills are to be accompanied by order copies and challan receipt(s). The order number is to be noted on both the challan and the bill.
9. Payment will be made within 30 days of submission of proper Bills, Challans etc. by A/c Payee Cheque. No Cash payment will be made under any circumstances. All payment is subject to statutory deductions as and when applicable.
- 10. Earnest Money Deposit:**
  - a) **Earnest money (2% of total tender value)** in the form of Demand Draft/Pay Order drawn in favour of the "Registrar, IEST Shibpur" and payable at Howrah shall have to be paid together with the Price Quotation.
  - b) Tenders have to be kept valid for acceptance for a period of at least 90 days after opening the tender without any modifications in its terms and conditions. Failure to comply with the same, the authority may forfeit the earnest Money Deposit.
  - c) Earnest Money Deposit of the successful tenderer will be converted to Security Deposit.

d) Earnest Money Deposit/Security Deposit will be refunded after successful completion of supply or after expiry of Guarantee/Warranty period. No interest is payable on Earnest Money Deposit/Security.

e) Tenderers shall submit self-addressed envelope affixing postal stamp of ₹ 40/- for release of Earnest Money Deposit.

**11. Documents to be submitted with the tender:**

a) Tender Documents/Terms & Conditions in Original duly signed by the Proprietor/Director of the company as a token of acceptance of Terms & Conditions of Tender.

b) Copies of latest Income Tax, PAN, Sales Tax/VAT No, Professional Tax Clearance Certificates and a copy of Valid Trade License.

c) Demand Draft/Pay Order for Earnest Money Deposit.

d) Price Quotation, necessary certificates in a sealed envelope for Electrical Engineering Department in separate pages according to specifications.

e) Credential of the bidder as per the govt. norms

**12. Technical Terms and Conditions (in addition to and over above):**

a) All the equipment shall carry a warranty for a period of 3 years from installation whichever is later against any manufacturing defect, etc.

b) Valid agency certificates from Principal manufacturers/OEM have to be submitted.

c) Supply of the items shall include installation, commissioning, and demonstration.

d) All equipment/computers should have 97% up time/availability

e) Valid ISO certification of OEM and/or it's authorised dealer are required

f) Overall cost inclusive cost of installation, cost of networking, govt. taxes etc. will be considered for selecting the vendor (turnkey) and partial quotation will be treated as an invalid quotation for this tender.

13. Indian Institute of Engineering Science and Technology, Shibpur, reserves the right to accept/reject all or any of the tenders without assigning any reasons whatsoever.

I/We accept the above terms and conditions.

*Signature of Tenderers /Suppliers  
with date & Seal.*

Technical Specification

Annexure

Sl. No.	Item (Minimum requirement)		Quantity
1	<b>High end Server</b>		<b>One</b>
	<b>Processor</b>	2 x Intel® Xeon® Processor E5-2697 v4 (45M cache, 18 Cores, 36 Threads, 2.30 GHz (145W) 9.60 GT/sec Intel® QPI, 14nm)	
	<b>Cores</b>	2 x 18 Core	
	<b>Chipset</b>	Intel® C612 Express chipset	
	<b>Memory</b>	64 GB DDR4-2133 ECC RDIMM (Max Up to 1TB)	
	<b>Internal Storage</b>	2 x 600GB SAS 15K 2.5" HDD + 4 x 2000GB Enterprise SATA HDD, 8x 3.5" Hot-swap SAS/SATA HDD bays for Customizable Storage	
	<b>Raid Controller</b>	Advanced Data Mirroring with 4GB battery backed write cache (onboard or in a PCI Express slot)	
	<b>HDD Bays</b>	16 HDD Bays	
	<b>I/O Slots</b>	6x PCI-E 3.0	
	<b>Raid Level</b>	Supports for RAID 0,1,10,5,6,50,60	
	<b>Optical Drive</b>	DVD R/W	
	<b>Interconnect</b>	4 Gigabit Ethernet Ports	
	<b>Graphics Controller</b>	Integrated Graphics with 2 GB Video Memory	
	<b>Server Management</b>	OEM embedded controller with IPMI 2.0 compliant with dedicated port. Supports KVM over LAN and Virtual Media redirection, Server Management tool, Server Management Software	
	<b>Ports</b>	Minimum 6 No. USB Ports	
	<b>Power Supply</b>	Redundant 800 W Power Supplies 80 PLUS, Platinum Level (94%)	
	<b>Cooling</b>	Hot Plug & redundant fans	
	<b>Operating Systems and Virtualization Software Support</b>	Microsoft Windows Server; Red Hat Enterprise Linux (RHEL); CentOS; SUSE Linux Enterprise Server (SLES); Oracle Solaris; VMware	
	<b>OS</b>	CentOS Enterprise Linux (Linux Certified)	
	<b>Industry Standard</b>	ACPI Compliant, PXE &WOL Support	
	<b>Form Factor</b>	4U Rack Mountable chassis with sliding railkits.	
	<b>Miscellaneous</b>	23 inch 1920X1080 monitor dual port; standard USB keyboard & optical mouse	
	<b>Warranty</b>	3-year Parts, 3-year labour, 3-year onsite Supports	

<b>Sl. No.</b>	<b>Item (Minimum requirement)</b>	<b>Quantity</b>
<b>2</b>	<b>Red Hat Enterprise Linux 7.0</b>	<b>One</b>
	Red Hat Enterprise Linux Server for 64-bit x86 No. of Socket - 2 1 Physical or 2 Virtual Node Standard subscription with 3Years update. Including Media	
<b>3</b>	<b>4 TB External Hard Drive, USB 3.0</b>	<b>Three</b>

**General Conditions:**

1. Warranty: 3 years on all items.
2. All equipments/computers should have 97% uptime/availability
3. Valid ISO certification of OEM and/or its authorised dealer are required
4. Over all cost inclusive cost of installation, cost of networking, govt. taxes etc. will be considered for selecting the vendor and partial quotation will be treated as an invalid quotation for this tender.
5. Quotation must be valid for 90 days from date of opening the tender.