



भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद Indian Institute of Information Technology, Allahabad

An Institute of National Importance by Act of Parliament
Deoghat, Jhalwa, Allahabad-211012 (U.P.) INDIA

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Ref. No. : IIIT-A/ENQ/DR(E)/3772/ 2016
Date : 21st March 2016

Limited Tender Enquiry

Sub: Tender for purchase of HPC cluster.

Sealed tenders are invited under **Two Bid Systems** for the purchase of **HPC cluster** for the Indian Institute of Information Technology, Allahabad. The detailed specifications and terms & conditions are given in **Annexure I & II**.

The document may be obtained on payment of ₹500/- (Five Hundred Only) as tender processing fee from the counter at Jhalwa Campus, Allahabad. It can also be downloaded from the Institute web site www.iiita.ac.in and be submitted along with ₹500/- of tender processing fee in form of DD.

You are requested to submit the quotation by courier/speed post with complete details of specifications, terms & conditions, warranty/guarantee **etc. upto 28.03.2016 at 12:00 Noon**. Quotations duly sealed may be dropped in the tender box placed in the office of the Deputy Registrar (E), IIIT-Allahabad.

The technical bid received in prescribed proforma will be opened in the presence of the tenderers, or authorized representatives interested to be present, on **28.03.2016 at 04:30 P.M.** The Financial bids of technically qualified tenderers will only be opened after technical evaluation by the Technical Committee. Basic rate, taxes and freight charges etc. must be quoted separately,

(Dr. Seema Shah)
Deputy Registrar (E)

Copy to:

- Hon'ble Director for kind information.

Annexure-I

Technical Bid

(On letter head of the Firm & in a separately sealed envelope)

PROFORMA FOR APPLICATION

1. Name of the firm :-
2. Address of the firm :-
-
3. Phone Number (With Code):-
4. Proprietor's name: -
5. Address of Proprietor: -
6. Proprietor's Phone No. :-
7. Details of the firm:-
 - (a)Date from which the firm is operating: -
 - (b)Turnover of the firm during: - FY 2012-13 (₹).....
FY 2013-14 (₹).....
FY 2014-15 (₹).....

(Please attach documentary evidence)

- (c) PAN No. :-
- (d) TIN No. :-
- (e) Service Tax Registration No. (If any):-.....

8. **Tender Processing Fee:** An amount of Rs. 500/- (Five Hundred Only) of tender (non refundable) is to be paid cash or DD payable in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad**.

9. **E.M.D. :** The tenders should be accompanied in a form of a **Demand Draft/FDR** or **Bank Guarantee** in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad** (Any bid without EMD will not be considered). EMD should be enclosed with the Technical Bid document in a separate envelop. The EMD will be returned to the unsuccessful bidders within 15 days and to the successful bidders after submission of full performance bank guarantee valid beyond 2 months of warranty period.

Amount of EMD as below:

Sl. No	Description	EMD Amount	DD No./FDR Date
1.	Purchase of HPC cluster (Specification as Annexure-II)	₹ 20,000/-	

Annexure-II

Technical Compliance
(To be attached with technical bid)

Sl No	Items	Specification	Compliance	Deviation	
1.	Master Node	Processor	2 x Intel Xeon E5-2640V3 (2.6GHz/ 8-Core /20MB / 8.0GT-s QPI) or higher or better in terms of GFlops		
		Memory	64GB (4x 16GB) DDR4 Reg. ECC 2133MHz (4GB/core) with necessary free slots and provision to add at least another 64GB in future using 16GB DIMMs		
		Internal Storage	4x 2TB hot-swap SATA Enterprise class 7.2K rpm (RAW)		
		RAID Card	1x 4-Port RAID Card supporting RAID 0, 1, 5 & 6		
		I/O Ports	2x Gigabit Ethernet Port and 1x Dedicated LAN for system management		
		DVD Writer	Internal DVD Writer		
		Power Supply	Redundant Platinum Level (94%) Power Supplies		
		Mount Type	Rack mount Rail Kit		
	Warranty	3 years on-site comprehensive warranty			
2.	Compute Node	Processor	2 x Intel Xeon E5-2640V3 (2.6GHz/ 8-Core / 20MB / 8.0GT-s QPI) or higher or better in terms of GFlops		
		Memory	128GB (8x 16GB) DDR4 Reg. ECC 2133MHz (8GB/core)		
		Internal Storage	1x 500GB hot-swap SATA Enterprise class 7.2K rpm		
		I/O Ports	2x Gigabit Ethernet Port and 1x Dedicated LAN for system management		
		Power Supply	Redundant Platinum Level (94%) Power Supplies		
		Mount type	Rack mount Rail Kit		
		Warranty	3 years on-site comprehensive warranty		
		Gigabit Ethernet Switch	1x 16-Port Gigabit Ethernet Switch with required number of cables to connect all nodes		

1. **Supplier Capability:**

- (i) The bidder should have Technical expertise in implementing cluster, which includes installation configuration, maintenance and customization as per requirement.
- (ii) The bidder must have supplied, installed, and integrated at least 5 similar systems in the last 3 years across India, preferably in IIT's / NIT's / Edu & R&D Labs / other CSIR Labs /. Please provide a list of your installations and satisfactory / installation report

2. **Installation, Warranty & Training:**

- i. The vendor shall install and configure all required hardware and open source

software suites (**CentOS & ROCKS**), including but not limited to racking and stacking, cluster networking, configuring all nodes, installation of open source compilers and applications, configuration of environment variables and license utility configuration.

- ii. The vendor to ensure that the hardware and software components are compatible with each other, and provide necessary cables/wires and any other accessories necessary for connecting the supplied components. Bidder must install the complete system interconnecting all the components above.

iii. **Please provide costing additional 4th & 5th year warranty (Optional)**

3. **Compliance Statement:** Compliance statement needs to be provided by vendors clearly specifying COMPLY/NON COMPLY with remarks of all of the points mentioned above.
4. **Authorization:** The tenderer should be an authorized dealer/reseller of the Equipment / Original Equipment Manufacturer (OEM) and a certificate to this effect should be enclosed with the technical bid. Preference will be given to the firm, if Manufacturer/ Sole Distributor.
5. Annual Turnover of the firm should be 20 Lakh as above for the last three years separately.
6. The vendor should have supplied minimum order of 10 lakh and above for the quoted items.
7. **Up-gradation:** The company's commitments to provide up-gradation of systems during the warranty period on need basis (supporting documents).
8. **Other conditions:**
 - i. The server and all its components should be verified and recommended by the motherboard manufacturer by means of compatibility list.
 - ii. The part number/model numbers of the memory and HDD should be provided.
 - iii. Master and compute node should have the same CPU
9. **Compliance statement:** Compliance statement needs to be provided by vendors clearly specifying COMPLY/NON COMPLY with remarks of all of the points mentioned above.

Signature of the tenderer

Seal of the firm

Annexure-III

General Terms and Conditions of the Tender

1. **Bid:** The tenders are to be submitted in two part viz. "**Technical Bid**" and "**Commercial Bid**" in two separate sealed envelopes separately. The commercial bid will be opened only after acceptance of "Technically Bid".
2. Based on the evaluation of the technical bid submitted by the tenderer, the Committee would shortlist the tenderers. The short listed tenderers may be asked to make a presentation after opening of the technical bid before the committee if, required.
3. Detailed specifications, catalogue/literature of all the items quoted should be supplied with the technical bid.
4. **Price Basis:** Rate should be quoted F.O.R. destination at IIIT-A, Deoghat, Jhalwa, Allahabad.
5. **Warranty: Warranty period Should be quoted separately.** The supplier will maintain and repair the systems during the warranty period free of cost at IIIT-Allahabad.
6. **Security Deposit :** The Person/Firm whose tender be accepted, deduction of 10% of the total amount will be made against security deposit for warranty period after adjusting the EMD amount already submitted alongwith the tender or Bank Guarantee to the value of the same amount be submitted with confirmation of the same from Nationalized Bank.
7. **Delivery Schedule:** The supply period shall commence from the date of issue of confirm purchase order and completion period may be strictly 06 weeks.
8. **Payment:** 80% payment will be made within 15 days after acceptance of delivery of materials and balance 20% after satisfactory installation.
9. **Penalty:** If the supply delayed beyond the stipulated time of completion of supply, penalty of 1% per weeks and maximum upto 10% of the total cost may be imposed at the discretion of competent authority.
10. **Exemption: The institute is exempted from custom and excise duty in terms of notification No. 51/96-custom dated 23/07/96 and No. 10/97- Central Excise dated 01/03/1997 and is an University established under M.H.R.D. Govt. of India. Certificate to this if, required shall be provided by the Institute.**

This is to certify that the Indian Institute of Information Technology, Allahabad is imparting Technical Higher Education in the field of Information Technology, established by Ministry of Human Resources Development, Government of India. The Items is being purchased only for Research & Teaching purposes and not for manufacturing any item for commercial use.

11. **Transit Permit:** Transit road permit in the prescribe proforma shall be made available as per rule by the Institute on the request of the supplier if, required.
12. Tender must be quoted in prescribe format on the company/firm letter head.
13. **Price:** The rates should be quoted in Indian rupees or US Dollar (\$). Only unit rate are to be quoted both in digits and in words. In case of a discrepancy in the two, quoted rates in words will be taken as valid and final. Rates of Dollar (\$) will be calculated on the date of opening of Financial Bid as per selling price of US Dollar of the bankers of Institute. In case FOR destination CIF, New Delhi, the cost of custom duty, Storing and clearing charges, Transport charges to Allahabad and other charges (such as- bankers Letter of Credit (LC) charges etc.) will be added extra.
14. It is most essential that it should be mentioned clearly that the price basis, payment terms, works schedule taxes and duties, validity, transportation charges.

15. If any defect is found in transit it will be the sole responsibility of the supplier to get it corrected and installed as desired by the user.
16. Each tenderer should clearly specify that the tenderer agrees to abide by the conditions of this tender document on their printed letter head indicating here on Sales Tax Registration, FAX, Email, Telephone numbers, etc.
17. Quoted rate should be valid at least for 03 months.
18. The lowest rate will not be the basis of claim to get the order.
19. The firm/company's black listed at any stage need not to apply.
20. **All pages of the tender documents are to be signed and stamped by the tendering firm.**
21. Director, Indian Institute of Information Technology, Allahabad reserves the right to reject or accept any tender.
22. Director, Indian Institute of Information Technology, Allahabad will be the sole arbitrator of all the dispute and his decision will be binding on both the parties.
23. Director, Indian Institute of Information Technology, Allahabad reserves the right to alter/modify any or all conditions of this tender notice.
24. Quotation should be addressed to Deputy Registrar (E), Indian Institute of Information Technology, Allahabad-211012 (U.P.) India.
25. Kindly mention enquiry reference number, subject, due date contact address etc on your quotation. Incomplete quotation will not be accepted.
26. Kindly quote your email ID and Bank details etc.
27. All disputes are subject to Jurisdiction of Allahabad.

For any query pertaining to this bid correspondence may be addressed to

Dr. Seema Shah
Deputy Registrar (E)
IIIT-Allahabad, Jhalwa, Campus
Phone : +91 0532-2922008
E-mail: info.purchase@iiita.ac.in

Deputy Registrar (E)

Certified that the information in the proforma is true. I/We agree to the contents of terms & condition of the quotation/tender.

.....
Seal and Signature of the Proprietor/Authorized Representative

Annexure-IV

Financial Bid

(On letter head of the Firm & in a separately sealed envelope)

Specification of HPC Cluster

Sl No.	Items	Specification	Qty.	Unit Price	Total amount	
1.	Master Node	Processor	2 x Intel Xeon E5-2640V3 (2.6GHz/ 8-Core /20MB / 8.0GT-s QPI) or higher or better in terms of GFlops	01		
		Memory	64GB (4x 16GB) DDR4 Reg. ECC 2133MHz (4GB/core) with necessary free slots and provision to add at least another 64GB in future using 16GB DIMMs			
		Internal Storage	4x 2TB hot-swap SATA Enterprise class 7.2K rpm (RAW)			
		RAID Card	1x 4-Port RAID Card supporting RAID 0, 1, 5 & 6			
		I/O Ports	2x Gigabit Ethernet Port and 1x Dedicated LAN for system management			
		DVD Writer	Internal DVD Writer			
		Power Supply	Redundant Platinum Level (94%) Power Supplies			
		Mount Type	Rack mount Rail Kit			
		Warranty	3 years on-site comprehensive warranty			
2.	Compute Node	Processor	2 x Intel Xeon E5-2640V3 (2.6GHz/ 8-Core / 20MB / 8.0GT-s QPI) or higher or better in terms of GFlops	02		
		Memory	128GB (8x 16GB) DDR4 Reg. ECC 2133MHz (8GB/core)			
		Internal Storage	1x 500GB hot-swap SATA Enterprise class 7.2K rpm			
		I/O Ports	2x Gigabit Ethernet Port and 1x Dedicated LAN for system management			
		Power Supply	Redundant Platinum Level (94%) Power Supplies			
		Mount type	Rack mount Rail Kit			
		Warranty	3 years on-site comprehensive warranty			
		Gigabit Ethernet Switch	1x 16-Port Gigabit Ethernet Switch with required number of cables to connect all nodes			
Total-						
Taxes (if any) -						
Grand Total-						

Signature of the tenderer

Seal of the firm