



**SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES**

[Funded by the Department of Science & Technology, Government of India]

BLOCK JD, SECTOR III, SALT LAKE, KOLKATA- 700 098

PHONE: +91-(0) 33-2335 5706-08, 2335 3057/61, 2335 0312/1313

FAX: +91-(0) 33-2335 9176/3477/1364

EMAIL: santosh@bose.res.in

Ref. SNB/ENQ/MK/HPC/14-15/1513/WP

25.02.2015

Dear Sir,

Sealed quotations is hereby invited for the following items in two parts (Technical and Commercial bids). One large envelope containing two smaller envelopes containing Part A: Technical Bid and Part B: Commercial Bid need to be submitted separately – Two smaller envelopes should be super-scribed “**Technical Bid**”/“**Commercial Bid**” as the case may be.

Sl. No.	PARTICULARS	Qty
01.	High Performance Cluster [See reverse for detailed technical specification]	01 no.

Note: Attached herewith “Annexure-I (as check list) and Annexure-II (as Tender Terms & Conditions).

**Annexure I** ⇒ is to be duly filled in by the bidder and should be submitted with the Technical Bid only. Offer received without any of the relevant information / certificate / document asked as per Annexure-I from sl. no.01 to 18, may not be considered for further evaluation. ❖ **Annexure II** ⇒ should also be submitted with the technical bid duly sealed and signed as an acceptance of all tender terms & conditions mentioned therein. ❖ The Centre reserves the right to accept or reject offer of the tenderer. ❖ The Centre’s decision shall be final and binding on the tenderer. Attached documents should be duly marked.

**Technical bid** ⇒ should contain complete technical information literature/working manual of the quoted item, & authorization certificate of the manufacturer. **Price Bid** ⇒ In case of imported item CIF/CIP Kolkata airport price should be mentioned and for indigenous item FOR price up to S. N. Bose Centre may be quoted.

**Note:**

- 1) The quoted price should be inclusive of delivery & installation charges.
- 2) An Earnest Money Deposit (EMD) of Rs.36,000/- (Rupees Thirty Six thousand only) should be submitted and enclosed with the “**Technical Bid**” in form of Demand Draft in favour of “S. N. Bose National Centre for Basic Sciences”, payable at Kolkata. Bid without EMD will not be considered and shall be rejected.
- 3) Minimum five (5) years onsite replacement warranty is to be provided by the Bidder.
- 4) Our Payment term is subject to after delivery & installation only.
- 5) Delivery period should be mentioned in the quotation.
- 6) Validity of quotation should be for 90 days from the date of submission.
- 7) Our ref. no. should be mentioned on top of the quotation envelope.
- 8) **Quotation for the above item should reach this office by 10<sup>th</sup> March’ 2015.**

Thanking you,  
Yours faithfully,

S. K. Singh  
AR (Purchase)

Technical Specification for HPC:-

Compute Nodes (4 Nodes each with 2 x 14 Core CPU with 256GB Memory)	
Processor	2 x Intel® Xeon® processor Haswell 14C
Memory	Option 1. ⇒ 256 GB DDR4-2133 ECC RDIMM (Max Up to 1TB)
	Option 2. ⇒ 512 GB DDR4-2133 ECC RDIMM (or higher)
HDD	2 x 1000 GB Enterprise SATA
SSD	400 GB (Latest Version)
Gigabit Ethernet	Intel® i350 Dual Port Gigabit Ethernet onboard with suitable cable(s),
Chassis	0.5U effective form factor (4 independent compute nodes share single 2U chassis and power supply)
Management	IPMI 2.0 compliant with dedicated port. Supports KVM over LAN and Virtual Media redirection
Ports	1 (x16) PCI-E ( Low Profile) (Slot free for future upgradability)
P. Supply	1620W Redundant Power Supplies 80 PLUS, Platinum Level (94%)
OS	Linux



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- The following form should be submitted with the technical bid duly filled and signed.
- **Relevant documents must be enclosed with the technical bid as per Sl. no. 01 to 18.**

S/N	PARTICULARS	Yes/No	REMARKS
01	Technical bid & Price bid duly sealed & signed enclosed in separate envelopes as instructed.		
02	<u>Contents of Technical bid</u> a) Technical details as per specification enclosed with technical bid ⇨ b) Technical Compliance Statement to be prepared in a separate sheet (and any deviation should be mentioned specifically) ⇨ c) Literature/Manual of the offered item ⇨ d) Current Authorization Certificate from the Principal Manufacturer ⇨ e) Name, address, email & ph. no. of users in India. (Preferably Research laboratories) ⇨ f) Copy of P.O. and installation certificate with the same specification from at least one user ⇨		
03	Delivery charges on F.O.R basis up to S. N. Bose Centre, Kolkata for indigenous items with detailed break-up of cost		
04	All applicable tax (VAT/CST/Sales/Service tax) should be mentioned		
05	Whether the price quoted is without excise duty, as the centre is fully exempted from payment of excise duty		
06	Copy of Trade License, VAT, PAN, Service Tax Registration no. enclosed with the technical bid.		
07	Installation charges (if any) should be mentioned in the quotation separately		
08	Warranty from the date of installation to be mentioned		
09	Payment after installation of material at site		
10	Payment mode should be mentioned		
11	Delivery/installation time from the date of PO to be mentioned		
12	Enquiry no. should be mentioned on top of all quotation envelopes		
13	Validity of Quotation should not be less than 90 days from the date of submission		
14	Maintenance procedure of the offered item to be mentioned		
15	Contact details of after sales service centres in Kolkata to be mentioned		
16	Bank details of the beneficiary to be mentioned		
17	In case of any defect found after receipt of material or in case of any deviation from the specifications or in case of any operational defect found during the warranty period, any part or the entire material is to be replaced by the supplier at no extra cost to the Centre.		
18	Whether your company has been blacklisted by any Central/State Govt. organization.		

**Note:** Offer received without any of the relevant information / certificate / document asked in the above sl. nos. 01 to 18 may not be considered. The Centre reserves the right to accept or reject offer of the tenderer. The Centre's decision shall be final and binding on the tenderer. Attached documents should be duly marked.

Seal, Signature of bidder with date