



SAVITRIBAI PHULE PUNE UNIVERSITY
DEPARTMENT OF PHYSICS
PUNE 411 007 INDIA

Reference # PHY/ALK/26

Date: 20/09/2016

Request for Proposal

A Request for Proposal (RFP) to procure and install the High Performance Computing (HPC) servers are publicly invited by Department of Physics, Savitribai Phule Pune University (SPPU) from eligible and reputed manufacturers and their distributors, if any, through two bids system, viz Technical bid and Commercial bid.

The proposal shall be submitted as per the following technical specifications. Therefore this is to request all the bidders to send your sealed RFP clearly indicating about the terms and conditions, if any, and send to undersigned on or before **October 14, 2016 at 16:00 Hrs (IST)**.

Technical Specifications of HPC servers: Each node should have minimum

01	System Architecture and Servers	<ul style="list-style-type: none">• Factory integrated servers with 64 bit processor Intel Xeon E5-2690-V4 series 14 cores at 2.6 GHz clock speed.• All servers should have fully populated 2 CPU sockets per node.• All servers should be hot pluggable with RAS features.
02	I/O slots	<ul style="list-style-type: none">• 2 × Gigabit Ethernet Ports apart from management ports• 1 × Infiniband FDR 56Gbps HCA
03	Hard Disk Drive	<ul style="list-style-type: none">• 1 × 500GB SATA, 7.2k RPM, 3.5in HDD
04	Memory	<ul style="list-style-type: none">• 256 GB per node DDR4 at 2400MHz.
05	Motherboard	<ul style="list-style-type: none">• Intel C610 Series Chipset
06	Management	<ul style="list-style-type: none">• Dedicated management port with Intelligent Platform Management Interface (IPMI) 2.0/ILO4 or Equivalent. Must support features such as KVM over LAN. Must include full-featured license, if any.
07	Power Supply	<ul style="list-style-type: none">• Redundant hot plug power supplies
08	Operating System Support	<ul style="list-style-type: none">• 64-bit Linux base (open Source) server version with support.



09	Interconnect	• 3 meter IB cable.
10	Form factor	• Standard 1U full width rack (42U) mountable with rail kit.

1. **Total Server Quantity Required : Three (03)**, The Head of Department of Physics, SPPU reserves the right to reduce or increase the quantity of nodes and or size of memory. Therefore, it is requested that bidder should quote the price of single node with,

1. **128GB** memory per node DDR4 at 2400MHz and
 2. **256GB** memory per node DDR4 at 2400MHz separately.
- Failing which, such bids shall be rejected outrightly at any stage.

2. **Technical bid should contain:**

- Covering letter
- Authorization Certificate from Original Equipment Manufacturers (OEM).
- Proposed solution details.
- A copy of the masked commercial bid of the bill of materials.
- Overall compliance statement.
- Terms and conditions of offer (if any).
- Agreeing to the terms and conditions of the RFP; A copy of the RFP document, duly signed on each page with seal, must be enclosed.
- An undertaking that the Organization has not been blacklisted.
- Bidders should submit technical bid with index as per the order mentioned.

3. **Commercial bid should contain:**

- The price should be quoted per unit and the total amount for the required quantity.
- All the price quoted must be in USD only. Bidder should mention the extra charges and or taxes, if any, separately in commercial bid.
- Detailed list of material along with part numbers.
- Proposal should contain the name and contact details of a designated person to whom all further communication will be addressed, the details of bank along with SWIFT code, warranty period, Payment conditions, and validity of quotation.

4. **Pre qualification for participation.**

(a) **Vendor Eligibility:** A OEM must satisfy the following requirements to be eligible for bidding.

- i. International original equipment manufacturers (OEM) with proven track-record in building and supporting HPC cluster platforms for scientific research.
- ii. Continuous direct presence on <http://www.top500.org/> during last three years, with minimum 10 entries in the latest release of June 2016 list.
- iii. Adequate direct support infrastructure in India (preferably in the Pune region).
- iv. Adequate representation in India's scientific establishments.



- (b) **Designated Partner:** An eligible vendor may designate, at their discretion and convenience, only one designated partner to,
- represent the vendor during the process,
 - for implementing the HPC servers and,
 - for providing all post-implementation service and support.

Designated partner Eligibility: A partner must satisfy the following requirements to be eligible

- Designated partner must be provided with explicit authorization letters, in original, from the OEM, clearly stating that the partner is an authorized dealer of OEM as well as they (OEM) would facilitate the partner on regular basis with technology / products updates and extend support for the warranty period. In absence of such undertaking, the RFP response is liable to be rejected.
 - Partner should have experience of implementing and supporting minimum 3 Linux based HPC cluster systems since April 1, 2011 in scientific establishments in India.
 - Out of these three HPC systems, at least one must be of size 10 TF (peak) or more, in government organizations. Partner needs to provide relevant PO (which must be in the name of partner), contract, installation report.
 - Partner must have a sales and service office in Pune.
- (c) **Bidder Eligibility:** A bidder must satisfy the following requirements to be eligible to take part in this deal.
- The bidder should have at least 1 HPC installation of work since April 1, 2013.
 - Bidder (Excluding OEM) should have direct 1 entries as a bidder in last 2 lists (June-2016 or December-2015) of top supercomputers in India (<http://topsupercomputers-india.iisc.ernet.in/>), published by IISC, Bangalore, India.

5. General Conditions

- The price must be quoted in USD (Mumbai CIF). Department of Physics will take care the Custom duty clearance, transportation and other logistics from Mumbai Airport, if required.
- The price of 3 meter Infiniband Cable must be quoted separately as a separate line item. University may opt out this item.
- All the items supplied and / or installed by the bidder, shall carry minimum 3 (three) years (24×7×4, 4 hours response time) operational comprehensive warranty from the date of final acceptance of all the servers. The bidder must undertake to provide the installation and warranty service at Physics Department. The repairing / rectification/replacement/configuration required, if any, of the items under warranty must be done at site only. These items shall not be allowed to be taken outside the country for repairs. During the warranty period, the bidder shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship of all servers supplied.
- 100 percent payment will be made through wire transfer / TT against the delivery at site.



- (e) Delivery time for the servers, from the date of issue of Purchase Order, should be indicated by the bidder.

6. Term and Conditions

- (a) Date of validity should be minimum of 90 days from the date of last date submission.
- (b) Mention our reference number on all technical and commercial pages, as well as on both the envelopes.
- (c) Conditional RFP will not be accepted.
- (d) RFP will be rejected in case of even a single correction or overwriting. Only clear and uncorrected RFP will be accepted.
- (e) Delivery Period should be between 4-6 weeks.
- (f) Proposals of bidders who do not fulfill the criteria or who fail to submit documentary proof with proposal would be rejected.
- (g) Department of Physics, SPPU will not be responsible, for submission/delivery of quotation at wrong place other than the store of the Department of Physics, Savitribai Phule Pune University, Pune 411007, in person or through post/courier. Department of Physics will not be responsible for delayed/late quotation submitted sent by post/courier etc. resulting in disqualification/rejection of any bid.
- (h) No request for extension of due date will be considered under any circumstances.
- (i) RFP which is submitted without following the two bit offer system will be rejected.
- (j) Date of opening of the Technical bids will be conveyed later on Department of physics website.
- (k) The technical and commercial bids will be opened on the scheduled date and time even in case of absence of the bidder.
- (l) Only two persons per bid will be allowed to be present for technical and commercial bid opening.
- (m) Technical bid will be opened in the presence of the Bidders on the specified time and date. Bidders who have responded to the RFP only will be allowed to be present.
- (n) The technical committee will go through the technical aspects of the RFP responses received and recommend short listed firms. The recommendation of the technical committee is the final and binding on all parties.
- (o) Only technically and commercially accepted competitive bids will be considered for placing purchase order.
- (p) After arriving at final pricing of individual offers of all the short listed firms, the lowest firm will be invited for the discussion with main Purchase Committee (PC) of Savitribai Phule Pune University. Decision of the PC will be final and binding on all parties.
- (q) No sub-contracting is allowed with regard to installation, commissioning, warranty maintenance and after sales service. This is the sole responsibility of the bidder.



- (r) The Purchase Committee, Savitribai Phule Pune University reserves the right to accept the office in full or in parts or reject summarily or partly.

7. Instruction to Bidders

- (a) All documents / data submitted by the bidders shall be duly signed and numbered. Documents / data which are not signed and or numbered will not be accepted.
- (b) Incomplete responses will be summarily rejected.
- (c) The bids must reach to the undersigned address on or before **October 14, 2016 at 16:00 Hrs (IST)**.
- (d) The delivery and installation must be completed within 6 to 8 weeks after placement of Purchase Order. The time is the essence of the contract. It is mandatory for the bidders who respond to this RFP to meet these expectations.
- (e) The supply, installation, and commissioning of HPC servers covered by this document is required to be supply and installed at Department of Physics, Savitribai Phule Pune University, Pune.
- (f) The authorized person who signs the RFP response is required to indicate his email ID, Mobile number, and office numbers of easy and faster communication.
- (g) The successful bidder on award of purchase order, must send the order acceptance in writing, within 7 days of award of order.
- (h) The Head, Department of Physics, Savitribai Phule Pune University has appointed its own freight forwarder and custom house agent for all imports. Please note that all the consignments have to be routed through their associates only. The address and contact details will be provided at the time of placing the purchase order.
- (i) Please note that Savitribai Phule Pune University is exempted from payment of Excise and custom duty for compute servers.
- (j) The servers to be supplied will be insured by the bidder against all risks of loss or damage from the date of shipment till such time it is delivered at Department of Physics, SPPU site. In case of imports the freight and insurance the expenses should be borne by the bidder.
- (k) Bidders are requested to submit their RFP response on their letterhead. There is no standard format of RFP response published on the web site.
- (l) The Head, Department of Physics and Savitribai Phule Pune University reserve the right not to proceed with the project at any stage or to alter the time-schedule or to change the process or procedure to be applied for the procurement.
- (m) The Head, Department of Physics and Savitribai Phule Pune University reserve the right to accept or reject any or all queries / response either in part or in full or to split the order without assigning any reasons therefor.

AKS

Head

Department of Physics,
Savitribai Phule Pune University,
Pune - 411007.

