

DEPARTMENT OF PHYSICS
UNIVERSITY OF PUNE
PUNE - 411 007
INDIA

AMENDMENTS

in

Request for Proposal

for

High Performance Computing (HPC) Solution
Ref. No. PHY/ALK/43 (27/11/2012)

- (1) Page 2/9, Section number 2, point 2.3 should be read like ...

Cluster should have a peak throughput of at least 3.5 TFlops ($\pm 5\%$) with 75% efficiency, including GPU and excluding the master node (the number of compute nodes should be configured to match this peak throughput value).

- (2) Page 2/9, Section number 2, point 2.4 sub-point 1; Add following point as (f) ...

(f) Vendor can submit their proposition through SI.

- (3) Page 6/9, Section number 4, point 2(b) should be read like ...

One node should have two latest NVIDIA GPU cards (Preferably Tesla M2090) in 1:1 (CPU:GPU) ratio (Form factor for this node can be upto 4U).

- (4) Page 7/9, Point number 4.1, **Form Factor** field should be read like ...

Form factor in case of master should be 2U including the disks

- (5) Page 7/9, Point number 4.2, **Memory** field should be read like ...

64GB ECC DDR3 Memory 1600 MHz and scalable upto 256GB Memory.

- (6) Page 7/9, Point number 4.2, **DIMM Slots** field should be read like ...

Should support minimum 16 DIMM slots memory configuration.

(7) Page 7/9, Point number 4.2, **Memory Property** field should be read like ...

Should support ECC, memory mirroring and memory sparing.

(8) Page 7/9, Point number 4.2, **PCI Slots** field should be read like ...

Support minimum 1 PCIe slots with dual processor configuration.

(9) Page 7/9, Point number 4.3, **Form Factor** field should be read like ...

Standard 1U. Preferably Mellanox (Voltaire) / Intel (QLogic) (make)

(10) The requirements for the HPC Cluster System are the minimum requirements as mentioned in section 4 of the document. If vendor has any better solution then that can be offered as an alternative/option for the hardware configuration. (Please note the section 3.2.1 point number 3)

(11) Last date for proposal submission (without benchmark results): December 4, 2012 at 04:00 PM. The vendor must have to submit benchmark results (if not submitted earlier) prior to the technical committee meeting, which will be held early in the next week. (Exact date of same will be displayed on the said web page)