



INTERNATIONAL
CENTRE *for*
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

International Centre for Theoretical Sciences
(ICTS)
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**ADDENDUM NO. 1 to TENDER NOTICE No. 23/DEC/2017 FOR SUPPLY, INSTALLATION
OF HIGH PERFORMANCE COMPUTING CLUSTER (2048 Cores)**

The following Addendum is issued to our TENDER NOTICE NO. 23/DEC/2017, Ref No. ICTS/TIFR/IT/2017-18/07 for “Tender for Supply & Installation of High Performance Computing Cluster (2048 Cores)” to include the following changes in the Specifications:-

As in tender:

Master node: Minimum 256GB (16x16 or 32x8 or better) ECC DDR4-2666 Mhz or better RAM in balanced configuration for optimizing the memory bandwidth

Read as:

Master node: Minimum 384GB ECC DDR4-2666 Mhz or better RAM in balanced configuration for optimizing the memory bandwidth

As in tender:

Master node: 2 x 100 Gbps High Speed InfiniBand(EDR)/Omnipath HFI Interconnect or better

Read as:

Master node: 2 x Single port 100 Gbps High Speed InfiniBand(EDR)/Omnipath HFI Interconnect or better

As in tender:

Compute Node: Minimum 128GB ECC DDR4-2666 Mhz or 4GB/Core RAM whichever is higher (in balanced configuration for optimizing the memory bandwidth)

Read as:

Compute Node: Minimum 192GB ECC DDR4-2666 Mhz or 6GB/Core RAM whichever is higher (in balanced configuration for optimizing the memory bandwidth)



As in tender:

Cluster Interconnect Switch: All the Compute nodes & Master node are connected using a Infiniband(EDR)/Omnipath interconnect switch or equivalent. This configuration of the interconnect is as below

Infiniband(EDR)/Omnipath 100 Gbps or equivalent - Interconnect switches with redundant power supply. The switches should be configured in 3:1 blocking mode with minimum one core switch.

Appropriate length & number of cables to be provided for complete solution along with the rack mounting kit

Read as:

Cluster Interconnect Switch: All the Compute nodes & Master node are connected using a Infiniband(EDR)/Omnipath interconnect switch or equivalent. This configuration of the interconnect is as below

- Infiniband(EDR)/Omnipath 100 Gbps or equivalent
 - Switches should have redundant power supply
 - Switches should be configured in 3:1 blocking mode with minimum one managed core switch
 - All the proposed switches should have the same port count

Appropriate length & number of cables to be provided for complete solution along with the rack mounting kit (including cable dressing)

As in tender:

Optional: Intel® Parallel Studio XE Cluster Edition for Linux* - Floating Academic 2sts (ESD) (with a free 2 day workshop on Software tools)

Read as:

Optional but mandatory to quote: Intel® Parallel Studio XE Cluster Edition for Linux* - Floating Academic 2sts (ESD) (with a free 2 day workshop on Software tools directly from Intel®)

As in tender:

II. Pre-qualification for bidder

P. No 6. Product offered should not have end-of-life (for sales) for next three years.

Read as:

II. Pre-qualification for bidder

P. No 6. Product offered should not have end-of-support for next seven years.



As in tender:

IV. Terms and conditions of the tender:

P. No 41. The price shall be FOR CIF ICTS, BANGALORE and Ex-works.

Read as:

IV. Terms and conditions of the tender:

P. No 41. The price shall be quoted as CIF, BANGALORE and Ex-works.

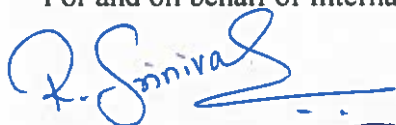
Please return the **Addendum No. 1 Dt. 23/01/2018** with your Signature, Date & Stamp and should be enclosed along with **TECHNICAL BID**.

All other terms and conditions of the Tender Enquiry shall remain unaltered.

Thanking you,

Yours faithfully,

For and on behalf of International Centre for Theoretical Sciences,



Scientific Officer

