

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Autonomous Institution of the Department of Atomic Energy, Government of India (A Deemed University)

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Ref.: TIFR/PD/IC21-19/PUB/Corrigendum No. 1

October 20, 2021

To,
Vendor/Bidder,

Subject: CORRIGENDUM NO. 01 AGAINST TENDER NO. TIFR/PD/IC21-19/PUB DT. 27.09.2021 for “**HIGH PERFORMANCE COMPUTING CLUSTER- AS PER ATTACHED TECHNICAL SPECIFICATIONS**”.

Ref: Our Tender Id No. 2021_TIFR_626062_1

Dear Sir,

Please refer to subject tender published on 27.09.2021; the following amendment to the subject tender is being issued:

A) Technical Specifications for High Performance Computing Cluster:-

1. Management Server – 01 No.

<u>Sr. No.</u>	<u>For</u>	<u>Read as</u>
1.C	RAM: 4 GB per physical CPU core (DDR4-3200 ECC registered) in total 128 GB; Memory modules must be populated in balanced configuration with equal distribution among the memory banks and the system (in the module of 16 GB or 32 GB).	RAM: 4 GB per physical CPU core (minimum DDR4-2933 ECC registered) in total 128 GB; Memory modules must be populated in balanced configuration with equal distribution among the memory banks and the system (in the module of 16 GB or 32 GB)

2. Computing Nodes 16 Nos.

<u>Sr. No.</u>	<u>For</u>	<u>Read as</u>
2.A	Processor: 2 X 2nd Generation Intel Xeon scalable OR 2nd Generation AMD EPYC (ROME), 32 Cores / 64 Threads, Base frequency 2.3 GHz or above with minimum 71 MB L3 cache (In Total: 64 cores / 128 Threads or above per node)	Processor: 2 X 2nd Generation Intel Xeon scalable OR 2nd Generation AMD EPYC (ROME), 32 Cores / 64 Threads, Base frequency 2.0 GHz or above, (In Total: 64 cores / 128 Threads or above per node)
2.B	RAM: 2 GB per physical CPU core (DDR4-3200 ECC registered) in total 128 GB; Memory modules must be populated in balanced configuration with equal distribution among the memory banks and the system (in the module of 16 GB or 32 GB)	RAM: 2 GB per physical CPU core (minimum DDR4-2933 ECC registered) in total 128 GB; Memory modules must be populated in balanced configuration with equal distribution among the memory banks and the system (in the module of 16 GB or 32 GB)

2.C	<p>Disks:</p> <ol style="list-style-type: none"> 1. Drives must be 2 X 480 GB capacity, and must support hot SSD (hot swappable) OR M.2 drive type for the operating system. All SSD/M.2 must be enterprise class with sequential READ must be 450 MB/s and WRITE of 400 MB/s or above. Form factor: 2.5 inch. 2. 1 X 960 GB SSD (Hot swappable) for scratch volume, Form factor 2.5 inch. 3. All SSDs/M.2 must be enterprise class with sequential READ must be 450 MB/s and WRITE of 400 MB/s or above 4. Minimum number of drive bays (2.5" drive supportable): 04 (Hot swappable) 	<p>Disks:</p> <ol style="list-style-type: none"> 1. Drives must be 2 X 480 GB capacity, and must support hot SSD (hot swappable) OR M.2 drive type for the operating system. All SSD/M.2 must be enterprise class with sequential READ must be 450 MB/s and WRITE of 400 MB/s or above. Form factor: 2.5 inch. 2. All SSDs/M.2 must be enterprise class with sequential READ must be 450 MB/s and WRITE of 400 MB/s or above 3. Minimum number of drive bays (2.5" drive supportable): 04 (Hot swappable)
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3. Storage Server 02 Nos.

<u>Sr. No.</u>	<u>For</u>	<u>Read as</u>
3. C	RAM: 4 GB per physical CPU core (DDR4-3200 ECC registered) in total 128 GB; Memory modules must be populated in balanced configuration with equal distribution among the memory banks and the system (in the module of 16 GB or 32 GB)	RAM: 4 GB per physical CPU core (minimum DDR4-2933 ECC registered) in total 128 GB; Memory modules must be populated in balanced configuration with equal distribution among the memory banks and the system (in the module of 16 GB or 32 GB)

4 . Spares.

<u>Sr. No.</u>	<u>For</u>	<u>Read as</u>
2.C.2	A 2 X RAM modules as per the specification 1.C	A 2 X RAM modules as per the specification 1.C
	B 4 X 480 GB SSD as per the specification 1.D.1	B 4 X 480 GB SSD as per the specification 1.D.1
	C 4 X 960 GB SSD as per the specification 2.C.2	C DELETED
	D 4 X 10 TB or above HDD as per the specification 1.D.2	D 4 X 10 TB or above HDD as per the specification 1.D.2
	E 2 X Hot swappable PSU as per the specification 1.F, 2.H.2, and 3.I	E 2 X Hot swappable PSU as per the specification 1.F, 2.H.2, and 3.I
	F 1 X RAID or Controller Card as per the specification 3.F	F 1 X RAID or Controller Card as per the specification 3.F

B) Critical dates:-

Bid submission date is amended to 29/10/2021 till 05.30 PM instead of 20/10/2021, and Bid opening date is amended to 01/11/2021 at 03.00 PM instead of 21/10/2021.

The bidders who had submitted their bids against the first round of Tender ID 2021_TIFR_626062_1 are requested to re-submit their bids against this tender again.

All other terms and conditions of subject tender shall remain unchanged. This Corrigendum No. 01 is an integral part of the tender and a copy of the same must be submitted along with the offer duly signed and stamped.

Thanking you,
For TATA INSTITUTE OF FUNDAMENTAL RESEARCH



DEEPAK BAGHELE
ADMN. OFFICER

