



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai - 400076

Dated: 23.12.2022

Corrigendum-I

For (PR No.1000029718) RFx No.6100001264

25G Network Enterprise Servers

Sr. No.	Online Rfx Clause	Previous Clause	Changed Clause
1	Bid Submission End Date/Date & Time of Submission (Online RFx Clause)	29.12.2022 at 13:00	09.01.2023 at 13:00
2	Bid Opening Date & Time (Online RFx Clause)	29.12.2022 at 16:00	09.01.2023 at 16:00

1. Changes in OEM eligibility criteria are mentioned below:

A. Point No. 1

Changed Clause:

The OEM should be in the Gartner leader's magic quadrant for enterprise servers, at least for the last three years. OR The OEM should be in the top of 3 IDC Worldwide Quarterly Server Tracker (mainline servers) for last 4 consecutive Quarters from India region.

Previous Clause:

The OEM should be in the Gartner leader's magic quadrant for enterprise servers, at least for the last three years.

B. Point No. 4

The OEM should be well established at least for last 10+ years in enterprise servers and should have a global footprint across a minimum of 5 continents.

The OEM should be well established at least for last 20 years in enterprise servers and should have a global footprint across a minimum of 5 continents.

2. Changes in Specifications:

A. Point no. 2 - Motherboard:

Changed Specification:	Previous Specification:
<p>2 socket server board (compatible with item 1) with the following characteristics:</p> <ul style="list-style-type: none">● Total 32 DIMM slots.● Memory is upgradable up to 2TB per CPU with LRDIMM.● Hot-swap support for SATA, SAS, SSD, and NVMe.● Minimum of 2 numbers of internal USB 3.0/ 3.1 ports.● At least Primary and Secondary risers installed.● Minimum 8 PCI-Express 4.0 slots, out of which at least two x16 PCIe slots and at least two x8 PCIe slots.● Must have an integrated server management system.● support upto 4 single wide GPUs	<p>2 socket server board (compatible with item 1) with the following characteristics:</p> <ul style="list-style-type: none">● Total 32 DIMM slots.● Memory is upgradable up to 2TB per CPU with RDIMM.● Hot-swap support for SATA, SAS, SSD, and NVMe.● Minimum of 2 numbers of internal usb 3.1 ports.● At least Primary and Secondary risers installed.● Minimum 8 PCI-Express 4.0 slots, out of which at least two x16 PCIe slots and at least two x8 PCIe slots.● Must have an integrated server management system. support upto 8 single wide GPUs

B. Point No. 3 - Memory:

Changed specification:	Previous specification:
<p>Memory:</p> <ul style="list-style-type: none">● Total 512GB Memory: 64GB/128GB Quad Rank DDR4-3200 ECC compatible LRDIMM Memory and should be evenly distributed.● Memory blanks for unoccupied slots.	<p>Memory:</p> <ul style="list-style-type: none">● Total 512GB Memory: 128GB Quad Rank DDR4-3200 LRDIMM Memory (i.e. 2 memory modules for each CPU arranged in such a way that maximum 1 DIMMS will be connected per channel).● Memory blanks for remaining slots.

C. Point No. 4 - Disks:

Changed specification:	Previous specification:
<p>1.92TB Enterprise series SAS 12Gbps SSD with DWPD ≥ 3 (Greater than or equal to 3).</p>	<p>1.92TB Enterprise series SAS 12Gbps SSD with DWPD=5 or mixed load</p>

Point No. 6 - Raid Support:

Changed specification:	Previous specification:
<p>On-board raid support for raid 0, 1, 10, 5, 6, 50, 60 from day one with 12Gbps port speed and 8GB cache with support for Secure encryption/data at rest Encryption. Also, the controller must support Mixed Mode which combines RAID and HBA mode operation simultaneously and support 6G SATA, 6G/12G SAS, Gen 3/Gen4 NVMe. The disk must be directly visible to OS if not included in RAID. RAID controller should support standard drivers available in latest versions of Debian, Centos/RHEL, Proxmox.</p>	<p>On-board raid support for raid 0, 1, 10, 5, 6, 50, 60 from day one with 24Gbps port speed and 8GB cache with support for Secure encryption/data at rest Encryption. Also, the controller must support Mixed Mode which combines RAID and HBA mode operation simultaneously and support 6G SATA, 6G/12G/24G SAS, Gen 3/Gen4 NVMe. The disk must be directly visible to OS if not included in RAID. RAID controller should support standard drivers coming in Debian, Centos/RHEL, Proxmox.</p>

E. Point No. 9 - Front Panel IO:

Changed specification:	Previous specification:
<ul style="list-style-type: none">● USB Ports (at least 1 should be of 3.0/3.1)● VGA / HDMI● At least 16 SFF Drive bays from day 1	<ul style="list-style-type: none">● USB Ports● VGA / HDMI● DVD Writer● 8 SFF Drive Bay

F. Point No. 10 - Back Panel IO:

Changed specification:	Previous specification:
<ul style="list-style-type: none">● Onboard/FlexLOM based 10G Base-T Ethernet ports.● Dedicated Management port.● USB ports 2.0 and 3.0/3.1● VGA / HDMI● Serial port	<ul style="list-style-type: none">● Onboard/FlexLOM based 10G Base-T Ethernet ports.● Dedicated Management port.● USB ports 2.0 and● USB ports 3.1● VGA / HDMI● Serial port

G. Point No. 13 - Server Chassis:

Changed specification:	Previous specification:
<ul style="list-style-type: none">● 2U Rack-mountable chassis.● Hot-swappable Redundant High-Performance fans● Compatible easy to install Rail Kit with locking system.● Cable Management Arm compatible with rail kit.● At least 24 SFF drives should be supported in server chassis in case of 2 single wide GPUs configuration.	<ul style="list-style-type: none">● 2U Rack-mountable chassis.● Hot-swappable Redundant High-Performance fans● Compatible easy to install Rail Kit with locking system.● Cable Management Arm compatible with rail kit.● Maximum 28 SFF drives should be supported in server chassis.

3. Changes in General Terms and Conditions mentioned below:

General Terms and Conditions (Point No. 6)

Changed clause:	Previous clause:
<p>6. Due to a stringent deadline for incurring the expenditure, IIT Bombay has the right to cancel the PO or charge the penalty if the delivery, installation, and acceptance testing are not completed within the stipulated timeline. Specifically</p> <p>a. Delivery should be within sixteen weeks of issuing of PO.</p> <p>b. Installation, commissioning, and acceptance testing should complete within two weeks of the delivery.</p> <p>c. The payment term will be 60% on delivery and 40% on completion of the scope of work defined below in this tender.</p>	<p>6. Due to a stringent deadline for incurring the expenditure, IIT Bombay has the right to cancel the PO or charge the penalty if the delivery, installation, and acceptance testing is not completed within the stipulated timeline. Specifically</p> <p>a. Delivery should be within eight weeks of issuing of PO.</p> <p>b. Installation, commissioning, and acceptance testing should complete within two weeks of the delivery.</p> <p>c. The payment term will be 60% on delivery and 40% on completion of scope of work defined below in this tender.</p>

4. Note:

The award of Tender will be finalized only after requisite approval from Ministry of Education.



Changes in Annexure – V

Changed Annexure – V

Annexure – V Manufacturer's Authorization Form for Processor

(To be given on Processor OEM's letterhead)

Date:

To whom it may concern

**Sub: Authorization for participation in the
Tender. Tender Reference No.:**

Dear Sir,

This is to certify that we, _____ (AMD/Intel) authorize M/s _____
(Name and address of server OEM) to use _____ (Model number of the
processor) against the above said tender inquiry and also do confirm that, they are
manufactured and supplied by us.

We duly certify that, the said OEM will have full authority to install, maintain and provide
technical support for the above mentioned processor.

Dated this day of 202...

(Signature) (Name) (In the capacity of)

Duly authorized to sign Bid for and on behalf of _____

Previous Annexure – V

Annexure – V Manufacturer's Authorization Form for Processor

(To be given on Processor OEM's letterhead)

Date:

To,
Head
Application Software Centre, IIT ,
Bombay,
Powai Mumbai – 76.

**Sub: Authorization for participation in the
Tender. Tender Reference No.:**

Dear Sir,

We, who are established and reputable manufacturers / producers of _____ processors do hereby certify that M/s _____ (Name and address of server OEM) has used _____ (Model number of the processor) supplied on _____ (date of supply to the OEM of the solution) and are genuine in nature.

We duly certify the said OEM has full authority to install, maintain and provide technical support for the above mentioned processor.

Dated this day of 202...

(Signature)

(Name)

(In the capacity of)

Duly authorized to sign Bid for and on behalf of _____


Assistant Registrar (MM)