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

Dated: 22.06.2022

Corrigendum-II

For (PR No.1000025710) RFx No.6100001100

Servers

Sr. No.	Online RFx Clause	Previous Clause	Changed Clause
1	Bid Submission End Date/Date & Time of Submission (Online RFx Clause)	22.06.2022 at 13:00	05.07.2022 at 13:00
2	Bid Opening Date & Time (Online RFx Clause)	22.06.2022 at 16:00	05.07.2022 at 16:00

1. Changes in General Terms & Conditions mentioned below:

GENERAL TERMS AND CONDITIONS: (Changed clauses)

7. 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

a. Delivery should be within eight weeks of issuing of PO.
b. Installation, commissioning, and acceptance testing should complete within two weeks of the delivery.
c. The payment term will be 60% on delivery and 40% on completion of the scope of work defined below in this tender.

GENERAL TERMS AND CONDITIONS: (Previous clauses)

7. 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

a. Delivery should be within sixteen weeks from the issuing of the PO.
b. Installation, commissioning, and acceptance testing should complete within two weeks of the delivery.
c. The payment term will be 60% on delivery and 40% on completion of the scope of work defined below in this tender.

2. Changes in OEM eligibility criteria are mentioned below:

Changed clause
Point No. 1: The OEM should be in the Gartner leader's magic quadrant for enterprise servers, at least for the three years. OR The OEM should be in the top 3 of IDC Worldwide Quarterly Server Tracker (mainline servers) for last 4 consecutive Quarters from India region.
Previous clause:
Point No. 1: The OEM should be in the Gartner leader's magic quadrant for enterprise servers, at least for the last three years.

3. Changes in Specs:

Changed Specs:

Point No. 2.Motherboard:

2 socket server board (compatible with item 1) with the following characteristics:

- 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 for at least 4 single wide GPUs

Previous Specs:

Point No. 2. Motherboard:

2 socket server board (compatible with item 1) with the following characteristics:

- 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 up to 8 single wide GPUs

Changed Specs:

Point No. 3 Memory:

- Total 512GB Memory:

  64GB/128GB Quad Rank DDR4-3200 ECC compatible LRDIMM Memory and should be evenly distributed.

- Memory blanks for unoccupied slots.

Previous Specs:

Point No. 3 Memory:

- 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.

Changed Specs:

Point No. 4Disks:

1.92TB Enterprise series SAS 12Gbps SSD with DWPD≥3 (Greater than or equal to 3).

Previous Specs:

Point No. 4Disks:

1.92TB Enterprise series SAS 12Gbps SSD with DWPD=5 or mixed load.

Changed Specs:

Point No. 6 Raid Support:

Onboard 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.

Previous Specs:

Point No. 6 Raid Support:

Onboard 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 available in latest versions of Debian, Centos/RHEL, Proxmox.

Changed Specs:

Point No. 9. Front Panel IO:

- USB Ports (at least 1 should be of 3.0/3.1).
- VGA / HDMI.
- At least 16 SFF Drive bays from day 1.

Previous Specs:

Point No. 9. Front Panel IO:

- USB Ports (at least 1 should be of 3.1).
- VGA / HDMI.
- DVD Writer.
- 8 SFF Drive Bay.

Changed Specs:

Point No. 10 Back Panel IO:

- Onboard/FlexLOM based 10G Base-T Ethernet ports.
- Dedicated Management port.
- USB ports 2.0 and 3.0/3.1
- VGA / HDMI
- Serial port

Previous Specs:

Point No. 10 Back Panel IO:

- Onboard/FlexLOM based 10G Base-T Ethernet ports.
- Dedicated Management port.
- USB ports 2.0 and 3.1 (both)
- VGA / HDMI
- Serial port

Changed Specs:

Point No. 13 Server Chassis:

- 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.

Previous Specs:

Point No. 13 Server Chassis:

- 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.

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.: _____

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 Computer 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)
22/06/22