

Type 1						
Sl. No	Parameter / Component	Specifications	Changes Required	Justification	Justification From IIT Dharwad	Remarks
1	Processor	Boost Clock: Minimum 4.8Ghz	Boost Clock: Minimum 4.4Ghz	Please amend this clause. By mentioning Min 4.8Gz, it is only qualifying Intel Core i7 processor. Please change it to Minimum 4.4Ghz, (please refer to the processor comparison mentioned at the end).	The cited boost frequency is a technical compulsion for better performance; and it really matters in making simulations and other computing tasks very effective.	No changes are required in the original technical specifications of the tender.
		L3 Cache: 12 MB	Cache Memory: 12MB	Please amend this clause from L3 cache to Cache memory, as cache memory distribution is different for Intel & AMD processors, (please refer to the processor comparison mentioned at the end).	It can be accepted..! Please change 3.5 Criteria name from L3 Cache to Cache Memory :- Minimum 12 MB	Change is required in the original technical specifications of the tender.
2	Motherboard	1 x Expansion Slot (PCIe x 1) 2 x Expansion Slot (PCIe x 16) 4 or 6 x DIMM Slot	1 x Expansion Slot (PCIe x 1), 1 x Expansion Slot (PCIe x 16) / 1 x Expansion Slot (PCI x 1) 2 or 4 DIMM Slot	Please amend this clause. The Modern mainstream commercial OEM systems comes with 1* PCIe x16, 1* PCIe x1 & 2 DIMM Slots	Changes may be partially accepted..! 1 x Expansion Slot (PCIe x 1) 1 x Expansion Slot (PCIe x 16) Minimum 4 x DIMM Slot	Few changes are required in the original technical specification of the tender.
3	Memory: RAM	16 GB DDR4 2666 MHz (2 x 8 GB or 1 x 16 GB), *Expandable Up to 64 GB	16 GB DDR4 2666 MHz (2 x 8 GB or 1 x 16 GB), *Expandable Up to 32 GB	Please amend this clause. The Modern mainstream commercial OEM systems comes with 32GB expandability	The cited RAM expandability may be availed in near future for big data oriented processing requirements.	No changes are required in the original technical specification of the tender.

Type- 2						
Sl. No	Parameter / Component	Specifications	Changes Required	Justification	Justification From IIT Dharwad	Remarks
1	Processor	Boost Clock: Minimum 4.5Ghz	Boost Clock: Minimum 4.2Ghz	Please amend this clause. By mentioning Min 4.5Gz, it is only qualifying Intel Core i5 processor. Please change it to Minimum 4.2Ghz. (please refer to the processor comparison mentioned at the end).	The cited boost frequency is a technical compulsion for better performance; and it really matters in making simulations and other computing tasks very effective.	No changes are required in the original technical specifications of the tender.
		L3 Cache: 9 to 12 MB	Cache Memory: 9MB to 12MB	Please amend this clause from L3 cache to Cache memory, as cache memory distribution is different for Intel & AMD processors, (please refer to the processor comparison mentioned at the end).	It can be accepted..! Please change 3.5 Criteria name from L3 Cache to Cache Memory :- 9 MB to 12 MB	Change is required in the original technical specifications of the tender.
2	Motherboard	1 x Expansion Slot (PCIe x 1) 2 x Expansion Slot (PCIe x 16) 4 or 6 x DIMM Slot	1 x Expansion Slot (PCIe x 1), 1 x Expansion Slot (PCIe x 16) / 1 x Expansion Slot (PCI x 1) 2 or 4 DIMM Slot	Please amend this clause. The Modern mainstream commercial OEM systems comes with 1* PCIe x16, 1* PCIe x1 & 2 DIMM Slots	Changes may be partially accepted..! 1 x Expansion Slot (PCIe x 1) 1 x Expansion Slot (PCIe x 16) Minimum 4 x DIMM Slot	Few changes are required in the original technical specification of the tender.
3	Memory: RAM	8 GB DDR4 2666 MHz (1 x 8 GB); *Expandable Up to 64 GB.	8 GB DDR4 2666 MHz (1 x 8 GB); *Expandable Up to 32 GB.	Please amend this clause. The Modern mainstream commercial OEM systems comes with 32GB expandability	The cited RAM expandability may be availed in near future for big data oriented processing requirements.	No changes are required in the original technical specification of the tender.

Type- 3						
Sl. No	Parameter / Component	Specifications	Changes Required	Justification	Justification From IIT Dharwad	Remarks
1	Processor	Boost Clock: Minimum 4.8Ghz	Boost Clock: Minimum 4.4Ghz	Please amend this clause. By mentioning Min 4.8Gz, it is only qualifying Intel Core i5 processor. Please change it to Minimum 4.4Ghz	The cited boost frequency is a technical compulsion for better performance; and it really matters in making simulations and other computing tasks very effective.	No changes are required in the original technical specification of the tender
		L3 Cache: 12 MB	Cache Memory: 9 to 12MB	Please amend this clause from L3 cache to Cache memory, and values to 9 to 12MB cache, as cache memory distribution is different for Intel & AMD processors, (please refer to the processor comparison mentioned at the end).	It can be accepted partially..! Please change 3.5 Criteria name from L3 Cache to Cache Memory :- Minimum 12 MB	Change is required in the original technical specifications of the tender.
2	Motherboard	1 x Expansion Slot (PCIe x 1) 2 x Expansion Slot (PCIe x 16) 4 or 6 x DIMM Slot	1 x Expansion Slot (PCIe x 1), 1 x Expansion Slot (PCIe x 16)/ 1 x Expansion Slot (PCI x 1) 2 or 4 DIMM Slot	Please amend this clause. The Modern mainstream commercial OEM systems comes with 1* PCIe x16, 1* PCIe x1 & 2 DIMM Slots	Changes may be partially accepted..! 1 x Expansion Slot (PCIe x 1) 1 x Expansion Slot (PCIe x 16) Minimum 4 x DIMM Slot	Few changes are required in the original technical specification of the tender.
3	Memory: RAM	16 GB DDR4 2666 MHz (2 x 8 GB or 1 x 16 GB), *Expandable Up to 64 GB	16 GB DDR4 2666 MHz (2 x 8 GB or 1 x 16 GB), *Expandable Up to 32 GB	Please amend this clause. The Modern mainstream commercial OEM systems comes with 32GB expandability	The cited RAM expandability may be availed in near future for big data oriented processing requirements	No changes are required in the original technical specification of the tender

Type 4						
Sl. No .	Parameter / Component	Specifications	Changes Required	Justification	Justification From IIT Dharwad	Remarks
1	Processor	L3 Cache : 6MB Cache	Cache Memory: 6MB Cache	Please amend this clause from L3 cache to Cache memory, as cache memory distribution is different for Intel & AMD processors, (please refer to the processor comparison mentioned at the end).	It can be accepted..! Please change 3.5 Criteria name from L3 Cache to Cache Memory :- Minimum 6 MB	Change is required in the original technical specifications of the tender.
2	Motherboard	1 x Expansion Slot (PCIe x 1) 2 x Expansion Slot (PCIe x 16) 4 or 6 x DIMM Slot	1 x Expansion Slot (PCIe x 1), 1 x Expansion Slot (PCIe x 16) / 1 x Expansion Slot (PCI x 1) 2 or 4 DIMM Slot	Please amend this clause. The Modern mainstream commercial OEM systems comes with 1* PCIe x16, 1* PCIe x1 & 2 DIMM Slots,	Changes may be partially accepted..! 1 x Expansion Slot (PCIe x 1) 1 x Expansion Slot (PCIe x 16) Minimum 4 x DIMM Slot	Few changes are required in the original technical specification of the tender.