

## TENDER NOTICE

Sealed Quotations are invited for the purchase of Desktop Computers for Computer Science and Engineering department of Mar Athanasius College of Engineering.

- |  |        |
|--|--------|
| 1. Intel Core i7, 32GB RAM, 1TB SSD with 16 GB Graphics Card | 10 Nos |
| 2. Intel Core i7, 32GB RAM, 1TB SSD                          | 26 Nos |
| 3. Intel Core i5, 16GB RAM, 1TB SSD                          | 36 Nos |

The following items are required in the sealed cover.


- a. Company profile
- b. Certificate of incorporation
- c. GST certificate
- d. An EMD for Rs. 50,000/- as DD in favour of Principal, M A College of Engineering payable at South Indian Bank, Kothamangalam. (EMD exemption certificate if exempted)
- e. Technical compliance data sheet filled for item 1,2 and 3.
- f. Manufacture's authorization form for this tender.
- g. Financial bid with Unit price, GST, Quantity and Total price separately for item 1,2 and 3 in a separate cover.

**Last date for submission of quotation is 07.09.2023**

Kothamangalam

17.08.2023



  
PRINCIPAL  
Professor - in charge  
of PRINCIPAL  
Mar Athanasius College of Engineering  
Kothamangalam, Kerala - 686 666



TECHNICAL BID FOR i7 Desktops without Graphics Card -26 Nos				
Sl. No	SPECIFICATION	REQUIREMENT	Confirmation From Bidder Yes/No	Specific Comments/R emarks
1	Processor	12th Generation Intel® Core™ i7-12700, 25MB cache, 12 cores, (8P+4E), 2.1GHz to 4.9GHz, 65W		
2	Chipset	Intel® W680 chipset		
3	Memory	32 GB, 2 x 16 GB, DDR5, 4400 MHz, non-ECC, dual channel		
4	DIMM Slots	Minimum 4 Dimm Slots; Up to 128GB		
5	Operating System	Ubuntu		
6	Hard Drive	M.2 2280, 1TB, PCIe NVMe® Class 40 SSD		
7	Storage Controller	Integrated: Intel® Rapid Storage Controller 12.0 supporting SATA 6Gb/s		
8	Graphic Card	No		
9	Gigabit Network Port	Integrated: Intel® Ethernet Connection I219-LM 10/100/1000		
10	Audio	Integrated Realtek Audio Controller with Internal Speaker		
11	EXTERNAL PORTS/CONNECTORS	Minimum 6 USB 3.2 Ports with atleast 2 Type C Port; 1 RJ-45; Universal Audio Jack		
12	Optical Drive	Optional		
13	EXPANSION SLOTS	One Full-height Gen 5 PCIe x16 slot, One Full-height Gen 3 PCIe X4 slot, One Full-height Gen 4 PCIe x4 slot		
14	Keyboard & Mouse	USB Keyboard & Mouse		
15	Form Factor / Chassis	Tower; Chassis Volume not more than 27.5 Lts		
16	Security	Trusted Platform Module (TPM 2.0); Intrusion switch; Setup/BIOS Password; Kensington® lock slot		
17	Power Supply	80 Plus gold certified, 1000W 90% efficient;		
18	Regulatory	EPEAT Certified		
19	Software	The hardware vendor should supply an AI Based performance optimiser software, which ensures optimum performance tuning for leading CAD/CAE		
20	Monitor	21.5" FHD VA Monitor		
21	Warranty	Minimum 5 years comprehensive onsite Next Business day		
22	OEM certificate	Authorised OEM certificate enclosed		



Professor - in charge  
of PRINCIPAL

Mar Athanasius College of Engineering,  
Kothamangalam, Kerala - 686 666



TECHNICAL BID FOR i7 Desktops with Graphics Card -10 Nos				
Sl. No	SPECIFICATION	REQUIREMENT	Confirmation From Bidder Yes/No	Specific Comments/R emarks
1	Processor	12th Generation Intel® Core™ i7-12700, 25MB cache, 12 cores, (8P+4E), 2.1GHz to 4.9GHz, 65W		
2	Chipset	Intel® W680 chipset		
3	Memory	32 GB, 2 x 16 GB, DDR5, 4400 MHz, ECC, dual-channel		
4	DIMM Slots	Minimum 4 Dimm Slots; Up to 128GB		
5	Operating System	Ubuntu		
6	Hard Drive	M.2 2280, 1TB, PCIe NVMe® Class 40 SSD		
7	Storage Controller	Integrated: Intel® Rapid Storage Controller 12.0 supporting SATA 6Gb/s		
8	Graphic Card	NVIDIA A4000 - 16 GB		
9	Gigabit Network Port	Integrated: Intel® Ethernet Connection I219-LM 10/100/1000		
10	Audio	Integrated Realtek Audio Controller with Internal Speaker		
11	EXTERNAL PORTS/CONNECTORS	Minimum 6 USB 3.2 Ports with atleast 2 Type C Port; 1 RJ-45; Universal Audio Jack		
12	Optical Drive	Optional		
13	EXPANSION SLOTS	One Full-height Gen 5 PCIe x16 slot, One Full-height Gen 3 PCIe X4 slot, One Full-height Gen 4 PCIe x4 slot		
14	Keyboard & Mouse	USB Keyboard & Mouse		
15	Form Factor / Chassis	Tower; Chassis Volume not more than 27.5 Lts		
16	Security	Trusted Platform Module (TPM 2.0); Intrusion switch; Setup/BIOS Password; Kensington® lock slot		
17	Power Supply	80 Plus gold certified, 1000W 90% efficient;		
18	Regulatory	EPEAT Certified		
19	Software	The hardware vendor should supply an AI Based performance optimiser software, which ensures optimum performance tuning for leading CAD/CAE		
20	Monitor	21.5" FHD VA Monitor		
21	Warranty	Minimum 5 years comprehensive onsite Next Business day		
22	OEM certificate	Authorised OEM certificate enclosed		



Professor - in charge  
of PRINCIPAL

Mar Athanasius College of Engineering  
Kothamangalam. Kerala - 686 666



TECHNICAL BID FOR i5 Desktops without Graphics Card -36 Nos				
Sl. No	SPECIFICATION	REQUIREMENT	Confirmation From Bidder Yes/No	Specific Comments/R emarks
1	Processor	12th Generation Intel® Core™ i5-12500, 18MB cache, 6 cores,(6P+0E), 3.0GHz to 4.6GHz, 65W		
2	Chipset	Intel® W680 chipset		
3	Memory	16 GB, 2 x 8 GB, DDR5, 4400 MHz, non-ECC, dual channel		
4	DIMM Slots	Minimum 4 Dimm Slots; Up to 128GB		
5	Operating System	Ubuntu		
6	Hard Drive	M.2 2280, 1TB, PCIe NVMe® Class 40 SSD		
7	Storage Controller	Integrated: Intel® Rapid Storage Controller 12.0 supporting SATA 6Gb/s		
8	Graphic Card	No		
9	Gigabit Network Port	Integrated: Intel® Ethernet Connection I219-LM 10/100/1000		
10	Audio	Integrated Realtek Audio Controller with Internal Speaker		
11	EXTERNAL PORTS/CONNECTORS	Minimum 6 USB 3.2 Ports with atleast 2 Type C Port; 1 RJ-45;Universal Audio Jack		
12	Optical Drive	Optional		
13	EXPANSION SLOTS	One Full-height Gen 5 PCIe x16 slot, One Full-height Gen 3 PCIe X4 slot, One Full-height Gen 4 PCIe x4 slot		
14	Keyboard & Mouse	USB Keyboard & Mouse		
15	Form Factor / Chassis	Tower; Chassis Volume not more than 27.5 Lts		
16	Security	Trusted Platform Module (TPM 2.0); Intrusion switch; Setup/BIOS Password; Kensington® lock slot		
17	Power Supply	80 Plus gold certified, 1000W 90% efficient;		
18	Regulatory	EPEAT Certified		
19	Software	The hardware vendor should supply an AI Based performance optimiser software, which ensures optimum performance tuning for leading CAD/CAE		
20	Monitor	21.5" FHD VA Monitor		
21	Warranty	Minimum 5 years comprehensive onsite Next Business day		
22	OEM certificate	Authorised OEM certificate enclosed		



Professor - in charge  
of PRINCIPAL

Mar Athanasius College of Engineering  
Kothamangalam, Kerala - 686 666