



OFFICE OF THE REGISTRAR
মহাপুৰুষ শ্ৰীমন্ত শঙ্কৰদেৱ বিশ্ববিদ্যালয়
MAHAPURUSHA SRIMANTA SANKARADEVA VISWAVIDYALAYA

[Recognised Under Section 2(f) of UGC Act, 1956]
Srimanta Sankaradeva Sangha Complex, Haladhar Bhuyan Path,
Kalongpar, Nagaon, PIN-782001, Assam, India

Ref. No.: MSSV/R/86/2018/23410

Date: 08.06.2023

INVITATION OF QUOTATIONS

Sealed Quotations are invited from the competent and qualified registered firm for supply of 41 (forty one) Nos. of Desktop Computer Set to the Mahapurusha Srimanta Sankaradeva Viswavidyalaya (MSSV), Nagaon. The quotations must reach the office of the undersigned on or before 15th June, 2023. The specifications of the desktop computers are as follows:

1. a) Computer Lab Specification (40 Nos) (Acer)

S.N.	Description	Specifications
1	Processors Make	Intel
2	Processor Generation	12 or higher
3	Processor Description	Intel Core i7
4	Processor number	Intel Core i7-12700 or higher
5	Graphics type	Integrated (UHD Graphics 730)
6	Processor base frequency	2.1 Ghz base frequency or higher
7	No of cores per processor	12
8	Chipset number	Intel B chipset Series or higher
9	Cache	20 MB Smart Cache (or higher)
10	RAM size (GB)	8 GB or higher
11	Type of RAM	2666 DDR4 or higher
12	RAM expandability up to (using spare DIMM slots in GB)	Min 64 GB or higher & having Dual DDR4 DIMM slots, dual-channel capable
13	Motherboard	OEM motherboard or Intel original motherboard Should have 3 independent displays via onboard ports (HDMI, DVI/DP and VGA)
14	Type of drive used to populate the internal bays	SSD
15	Storage Support	System should support up to two drives
16	Total Storage Capacity	512GB SSD or higher
17	LED backlit Monitor Size (inches)	Min. 19.5" (1920x1080)
18	Mouse	Wired
19	Keyboard	Wired
20	Cabinet Form factor	Tower (More than 25 lt.)
21	Expansion Slots	3x PCI/PCIe slot
22		2 M.2 slots or higher



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24	Onsite OEM warranty (year)	3 years comprehensive warranty
25	Ports	4x USB 3.2 Gen 1 (1 Type A + 1 Type C)
		Audio Port
		4x USB 2.0
		1x VGA
		1x HDMI
		1x Display Port/DVI
		1x Ethernet (RJ-45)
26	Network interface	10/100/1000 Ethernet LAN (IPV6 compliant)
27	Security Features	Discrete TPM 2.0
28	Green Certification	RoHS compliant, FCC, CE, Energy Star, TCO for monitor, EPEAT India Certification.
29	OEM ISO	OEM should have ISO 9001, ISO14001, ISO20001, SA8000 & ISO 27001
30	OEM Eligibility Criteria	OEM should be IDC Top 5 Desktop manufacturer from last quarters, IDC report needs to be submitted
		OEM should have registered office in India from last 15 years, mandatory document needs to be attached with the bid
		Desktop & Monitor should be from same OEM

b) Computer Lab Specification (40 Nos) (HP)

SNo	Item	Specifications
1	Form Factor	Tower/Micro Tower/Mini Tower
2	Chassis	Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal)
3	Chipset	Commercial Class Intel® Q670 Chipset
4	Processor	Intel® Core™ i7-12700 with Intel® UHD Graphics (2.1 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads), supports Intel® vPro® Technology
5	Memory	8GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots
6	Storage	512 GB NVMe SSD
7	Graphics	Integrated Graphics
8	Audio	Integrated audio controller with internal speaker of atleast 2W



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9	Networking	Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6E AX211 802.11ax 2x2 with Bluetooth
10	Ports	Video: 1 Display Port ,1 HDMI , 1 VGA Total 9 USB port , out of USB:2 USB 2.0, 3 USB 3.2 Gen 1, 3 USB 3.2 Gen 2, 1 USB Type C
11	Slots	1 PCI Express v4.0 x16 1 PCI Express v4.0 x1 1 PCI 2 M.2
12		Integrated 5-in-1 SD card reader, 3 SATA Ports
13	Bays	2X 3.5" Internal , 1 External bay
14	Keyboard	USB Wired Keyboard,
15	Mouse	USB Optical Wired Mouse
16	Power Supply	260 W with 92% efficiency or better
17	Volume	No More than 16 L
18	Security	Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications
19	Manageability	out-of-band manageability allowing technician to execute full remote control of computing endpoint over an Ethernet or Wi-Fi 802.11 connection, regardless of OS state. Endpoint could be on premise behind corporate firewall or outside the corporate firewall. IT admin should be able to monitor full boot up / reset sequence, including BIOS access, to identify any issue with the PC
20	Certifications	FCC,CE, RoHS, UL, EPEAT, Energy Star, TCO, MIL STD 810 ISO 9001,14001,20001,27001 for OEM
21	Display	19.5" with Minimum resolution of 1600X 980, with VGA , HDMI,, TCO 8.0 Certified (Same OEM as desktop)
22	Warranty	3 Years Onsite



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2. Bioinformatics Department Specification (HP/Acer) (1 Nos)

SNo	Item	Specifications
1	Form Factor	Tower
2	Chassis	Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal)
3	Chipset	Commercial Class Intel® Q670 Chipset
4	Processor	Intel® Core™ i7-12700 with Intel® UHD Graphics (2.1 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads), supports Intel® vPro® Technology
5	Memory	32 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots
6	Storage	4TB GB NVMe SSD
7	Graphics (GPU)	NVIDIA RTX 3090
8	Audio	Integrated audio controller with internal speaker of atleast 2W
9	Networking	Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6E AX211 802.11ax 2x2 with Bluetooth
10	Ports	Video: 1 Display Port ,1 HDMI , 1 VGA Total 9 USB port , out of USB:2 USB 2.0, 3 USB 3.2 Gen 1, 3 USB 3.2 Gen 2, 1 USB Type C
11	Slots	1 PCI Express v4.0 x16 1 PCI Express v4.0 x1 1 PCI 2 M.2
		Integrated 5-in-1 SD card reader, 3 SATA Ports
12	Bays	2X 3.5" Internal , 1 External bay
13	Keyboard	USB Wired Keyboard,
14	Mouse	USB Optical Wired Mouse
15	Power Supply	260 W with 92% efficiency or better
16	Volume	No More than 16 L
17	Security	Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications



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19	Certifications	FCC, CE, RoHS, UL, EPEAT, Energy Star, TCO, MIL STD 810 ISO 9001, 14001, 20001, 27001 for OEM
20	Display	19.5" with Minimum resolution of 1600X 980, with VGA, HDMI,, TCO 8.0 Certified (Same OEM as desktop)
21	Warranty	3 Years Onsite

(Dr. M. K. Borah)
Registrar

Memo No: MSSV/R/86/2018/23411-15

Date: 08.06.2023

Copy to:

1. The Secretary to the Hon'ble Vice-Chancellor.
2. The Director (F & P) cum Chief Co-ordinator for favour of information.
3. Dr. Santanu Kalita, Asstt. Professor & Head (i/c), Deptt. of Computer Application with a request to upload the notification in the University website www.mssv.ac.in.
4. The Assistant Registrar (Finance) for information and necessary action.
5. Notice Board.
6. Office file.

(Dr. M.K. Borah)
Registrar