



Ministry of Culture
Government of India



NATIONAL COUNCIL OF SCIENCE MUSEUMS
SECTOR-V, BLOCK-GN, BIDHANNAGAR,
KOLKATA : 700 091.

TENDER NO. I-18012/7/26(44)

Specification for desktop PC with monitor

Parameter	Configuration
Processor	Intel(R) Core (TM) i7 14 th gen / Intel Core Ultra 7 Series 2) (20 cores, up to 5.4GHz) or higher
Chipset	Intel Q series chipset compatible with the above processor
Security	Discrete TPM (Trusted Platform Module) 2.0 or better
Form factor	Tower
Memory (RAM)	Minimum 16 GB DDR5, RAM Expandability should be Minimum 128 GB
Memory slots	4 DIMM
BIOS	BIOS should support secure boot, BIOS password protection, TPM integration, and protection against unauthorized BIOS modification.
Storage	Primary Drive: 1 TB Gen4 NVMe M.2 SSD or higher
Graphics (GPU)	CPU integrated graphics
Operating Systems	Factory pre-install Windows 11 Professional or higher with latest Service Pack and Preloaded License.
	Systems Hardware drivers should be available in the OEM website against the offered model for regular update/reinstallation (kindly provide the link)
	(OEM must support in writing to confirm that Operating system pre-loaded / pre-installed from OEM factory only)
Power Supply	Minimum 360W 80 Plus certified Power supply or higher
Audio	Integrated HD Audio Codec equivalent or higher
Networking	Integrated Wi-Fi 6E (2x2) and Bluetooth 5.3 or higher.
Expansion slots	Minimum 2 x M.2 slots and adequate PCIe expansion slots
Ports and connectors	Front: Minimum 1 x universal audio jack, 4 x USB Type-A (10Gbps or higher), 1 x USB Type-C (10Gbps or higher)
	Rear: Minimum 3 x USB Type-A, 1 x HDMI, 1 x RJ-45, 1 x audio line-in/line-out, 2 x DisplayPort, 2 x USB 2.0 or higher ports.
Keyboard and Mouse	USB keyboard and USB Optical Mouse.
	Motherboard, Keyboard and mouse should be from the same desktop OEM

Accessories (Included)	1 x DP (male) to HDMI (female) converter (OEM specific)
	Anti-Slip Base mousepad
Monitor	27" Full HD (1920 × 1080) IPS monitor with anti-glare and low blue light mode.
	Ports: Minimum HDMI and DisplayPort; VGA optional.
Certification and compliances	OS Certification: Windows certifications from the OEM of the OS must be furnished for the quoted model
	ROHS Compliance
	BEE/ Energy Star for the quoted Model should be 8.0 or latest
	FCC, UL, CE (for the quoted Desktop model)
	ISO (OEM/Bidder): ISO 9001, 14001, 27001, 45000
	EPEAT India Gold (for the quoted desktop model)
	TCO Certification for quoted Monitor and Desktop: 8.0 or latest
Specification Compliance must be submitted in the OEM letter Head.	
OEM	OEM supplied Desktop model warranty details must be available in the OEM portal against each product serial number (kindly provide the link)
	Desktop, monitor, keyboard, and mouse should be from the same OEM
Warranty	On-site warranty for 3 Years to be provided by OEM.

Date :

Signature of the Bidder / Constituted Attorney.