Technical Specification of Branded Desktop Computer

S. N	Minimum Required Specification		Bidder Proposed
1	**Processor**	Intel Core Ultra 7 265 vPro or Higher, minimum 20 cores / 20 threads, up to 5.3 GHz, 36MB Cache or equivalent performance	
2	**Motherboard**	Compatible business-class motherboard with Wi-Fi and Bluetooth	
3	**Memory**	Minimum 16 GB DDR5-5600 or higher, expandable	
4	**Storage**	Minimum 512 GB PCIe NVMe SSD Gen 4 or Higher	
5	**Graphics**	Integrated graphics or equivalent	
6	**Network**	Minimum 1 Gigabit Ethernet, Wi-Fi 6 or higher, and Bluetooth	
7	**Operating System**	Windows 11 Pro 64-bit, English Factory Pre-Install	
8	**PSU**	OEM-rated, 80 PLUS Gold or higher, with Active PFC, adequate for the proposed system configuration.	
9	**USB Ports**	Multiple USB ports, including USB 3.2 Gen 1/Gen 2 and at least one USB Type-C port	
10	**Display Outputs**	At least one HDMI and DisplayPort	
11	**Audio**	Integrated HD audio with front audio combo jack and rear audio output	

12	**Monitor**	24-inch Full HD (1920 × 1080) LED/IPS monitor HDMI/VGA or Higher, refresh rate at least 100 Hz or Higher	
13	**Keyboard & Mouse**	Business-class USB keyboard and mouse	
14	**Form Factor**	Tower	
15	**Brand**	Brand should be recognized by Gartner for Global Desktops and Notebooks for Enterprise/ Business Series	
16	**OEM Authorization (MAF)**	Manufacturer Authorization Form/Letter (MAF) issued by the OEM or its authorized regional representative is compulsory.	
17	**Warranty**	Minimum 1-year OEM onsite warranty covering parts replacement, verifiable through the OEM's official website, with warranty/service support available in Nepal.	
18	**Approved Make**	Dell or Acer or Lenovo or HP or MSI or Asus	