

Annexure-III

BARC STANDARD PC SPECIFICATIONS

1.1	Processor	Intel Core i3-9100 4 core processor with minimum base freq. 3.60GHz or better in core series with Intel Virtualization Technology (VT-x) and Intel® UHD Graphics support. A 'better' processor will need to fulfil following conditions: <ul style="list-style-type: none"> • Processor of Core Series of 9th or higher generation • Four or more physical cores • No. of Physical cores multiplied by base frequency >= 14.4 • Base frequency not less than 3.6 GHz
1.2	Motherboard	B360 chipset or better, compatible motherboard with Intel Virtualization Technology (VT-x) support, approved makes Asus/Gigabyte / OEM. Built-in-sound. (Vendors to provide detailed specifications) and Graphics support.
1.3	Main Memory	16 GB DDR4 2400 MHz or higher speed with 32 GB expandability, approved makes Transcend/ Kingston/Samsung/OEM for offered motherboard
1.4	I/O Ports	6 or more USB ports (2.0/3.0), 2 USB ports on cabinet front, Integrated 10/100/1000 Mbps Gigabit LAN, HDMI/DVI/DP
1.5	Expansion Slots	2 or more PCI/PCI Express (Minimum 1 PCI Express x16 slot should be left free)
1.6	HDD Controller	Minimum 4 SATA ports 6 Gbps or higher speed
1.7	Power supply	Power supply of rating sufficient to drive PC at full load with additional cards & hard disks (As per clause no A.7 in T&C)
1.8	LED Monitor	LED- 24" or higher, DVI/HDMI/DP, 1920 x 1080 / 60 Hz. approved makes View-sonic / Samsung / LG / Philips / AOC/OEM with HDMI / DVI/DP cable
1.9	Keyboard	Enhanced Multimedia Keyboard – approved makes Logitech/TVS-E/Microsoft/HP/Dell/OEM.
1.10	Mouse	Optical Mouse with Scroll wheel – Logitech/ Microsoft/HP/Del/OEM.
1.11	DVD drive	24x or higher internal SATA DVD Writer
1.12	Hard Disk	SATA 6 Gbps or higher internal 1 TB or higher, minimum 7200 RPM
1.13	Ethernet card	Additional copper gigabit LAN card compatible with supplied motherboard
1.14	Speakers	USB/5VDC speakers, Output Power (RMS) 2.5W x2, approved makes Intex/ Logitech / Creative/OEM or in-built speakers in monitor.
1.15	Cabinet	Cabinet with 2 or more HDD 3.5 inch drive bays, 2 front USB ports, 1 Mic. + 1 Head Phone, with ISI mark Power Cord 3X0.75SQMM, 1100 V.
1.16	Operating System	Preloaded genuine Windows 10 Professional-64 bit (OEM) latest version with Recovery DVD
1.17	Word Processing	Preloaded genuine MS Office Home & Business 2019 OEM/FPP (64 bit)
1.18	*Additional S/W	Anti-Virus, Hindi Software (Unicode). Virtualization utility to be installed on site
1.19	OS Compatibility	Microsoft Windows 10 and Ubuntu
1.20	Accessories	Mouse pad with palm rest
1.21	Warranty	3 years comprehensive on-site warranty