

LAPTOP - Technical Specifications

Annexure - 2

Technical Specifications

Sl. No.	Component	Specification, as per Tender Document
	Processor	Intel Pentium /AMD A series processor, 2.0 Ghz or higher frequency, 2 MB Cache, Quad Core, 64 bit support, Launched in the year 2015 or later
	Operating System	Genuine MS Windows-10 Home License with latest service pack available in India at the time of delivery. (National Academic) on Shape the Future SKU offered by Microsoft to Government of Karnataka. Preload and pre-activate the OS.
	BIOS	Permanently burn the Logo of Government of Karnataka as desired by the department in the System BIOS
	Chipset	SOC
	Main Memory	4 GB DDR 3 1333 MHz upgradable up to 8GB
	LCD Display	14.0 -Inch or higher LED Backlight LCD Display
	Graphics	Processor compatible OEM HD Graphics
	Hard Disk Drive	1 TB SATA HDD or higher
	Camera	Web Camera
	Connectivity	On board RJ45 10/100/1000 Mbps Ethernet controller
		Boot from LAN support
		WLAN : IEEE 802.11 b/g/n WLAN Module
		Built in Bluetooth v 4.0 or higher
	Interface I/O Port	One RJ-45 jack for Ethernet
		One DC-in jack for AC adapter
		One Mic in
		One Speaker / Headphone-out jack
		One VGA port for External CRT
		One HDMI Port
		At least 2 USB 2.0 port, 1 USB 3.0
	Audio	High Definition Audio standard support
		Built-in stereo speakers
		Built-in Microphone
	Battery Pack	Standard Rechargeable 4 cell LI-Ion or higher
	Power Management	Full feature ACPI power management standard : supports Stand-by and Hibernation power saving modes
		Wake on LAN from S3
	AC adapter	Standard 3 pin power adaptor for India
	Pointing Device	Built-in touch pad with scroll
	Keyboard	Standard Qwerty Keyboard
	Accessories	Power Cord & AC Adapter for India
	Warranty	1 year comprehensive onsite warranty (Including batteries)

Certification	Energy Star 5.0, Windows 8, ISO 9001:2008 certificate for OEM
Battery backup	Minimum 4.0 Hours
Customized Boot Screen to display Government of Karnataka Logo and Name of the Scheme, enabled through system BIOS	

As per Tender Terms, the following software is to be loaded/ installed into the Laptops. E-content shall be loaded into one of the two partitions (separate partition - D drive).

1. e-Content provided by the Department
2. Open Office - LibreOffice_5.3.4_Win_x86
3. NUDI software for the Kannada language - Nudi v4r3
4. Free Antivirus software - avira_en_fass0_597f3e46ea14a_ws2
5. Adobe Reader, readerdc_en_jd_cra_install

The software mentioned above is provided by the department for preloading into Laptop.

Additional Requirements, as per tender terms:

1. Sticker/ Print on Laptop surface. - as approved in the earlier mail
2. Printing on Laptop Bag. - as approved in the earlier mail
3. Serial Number/ Barcode Sticker at the Laptop bottom - as detailed in the tender Document



Director

Department of Collegiate Education

