

Laptop Specification

Sr.No.	Description	Specifications
1	Constructions and Externals	Metal / Alloy / reinforced hinges for display. The Casing ABS plastic of Black or Grey Color Display screen back with Government approved designed Logo.
2	Processor (Minimum)	Intel Pentium Dual Core 3825u Processor or Higher OR AMD A6 7310 Processor or Higher
3	Memory	4GB DDR-3 1333/1600 MHz RAM
4	Display	LED HD 14" with 1024x768 resolution or higher
5	Hard Disk Drive	500 GB SATA 5400 RPM or Higher
6	Audio	Dual Inbuilt Speakers
7	Web Cam	Yes
8	Qualifying Benchmark with Score	BAPCO SysMark 2007 overall score of minimum 120 or Higher with Windows 7 professional with 4GB Memory.
9	Graphics Card	Integrated Graphics Minimum 128 MB VRAM or Higher
10	Ports	I/O Ports, Minimum 3 USB 2.0 Ports, Microphone jack, 1 VGA / HDMI, Headphone / Speaker out, RJ-45, AC Power
11	LAN	Gigabit LAN
12	Wireless	Wireless 802.11 b/g/n or Higher
13	Keyboard	Standard full size Keyboard with Rupee Symbol touch pad
14	Operating System	Preloaded Dual Boot –
		# Primary Boot Windows 8.1 National academic edition or higher with preloaded Antivirus.
		Hindi and Urdu Unicode font with keyboard interface for typing in word processor, Spread sheet and presentation purpose.
		# Secondary Boot – Ubuntu / BOSS Linux
15	Optical Drive	DVD R/W
16	AC Power Adapter	Input Voltage Range 110V- 240V, 50 Hz AC power adapter with necessary cables
17	Standard Accessories	Power cable, Power Adaptor and Charger, User Manuals and Laptop backpack etc.
18	Operation Temperature	0-45 Degree Centigrade
19	Battery Type	Standard rechargeable Li-Ion (45 WHr or Higher) with minimum 03 hours backup or more.
20	Certifications	Energy Star® / BEE Version I, RoHS, Windows and Linux Compliance Certificate
21	Warranty	One year comprehensive including battery and adaptor
22	Office Suite and other	MS Office 2010 or Higher Professional Academic and latest version of Open Office preloaded.

23	Enabled Manageability and traceability feature of laptop	a) The Device should be loaded with a cloud based management software that is capable of contextually managing and monitoring devices pushing applications and content, pushing group based message, managing through a remote web based control center and provide web based MIS dashboard.
		b) The End users should not be able to uninstall this software and it should function both in online and offline modes.
		c) At least 20,000 laptops containing this cloud based management software should have been deployed by any of the state governments in India.
24	Others	· Selected Bidder(s) should permanently burn the Logo of UP Government and other information like "Presented by - Hon'ble Chief Minister or Department Name" (as desired by the State Government) in the BIOS / FIRMWARE; that should not be removed by any normal / usual techniques.
		· Screen Printing of Logo or UP Government and other information like "Presented by - Hon'ble Chief Minister or Department Name" (as desired by the State Government) in the body of the Laptop.
		· Laptop must have operational capabilities in English, Hindi and Urdu language.

Laptop Bag Specification

Sr.No.	Description	Specifications
1	Suitability	To accommodate Laptop Computer
2	Material	Polyester fabric, nylon bonded thread, branded zippers and sliders
3	Compartments	Three Compartment bag (Laptop, Textbook, Power Adaptor, Utility Pocket) with padded sleeve, Utility pocket in front and side pockets
4	Padding	Padded handle, padding on the back for comfort and air flow, curved and padded contoured shoulder straps
5	Logo and Image	Government Image and Scheme Logo and Scheme Name shall be on front pockets as per approved & finalized design by the State Government