

General Specification for Mid-Range Laptop Computer

* Bidders are required to mark (✓) if the requirement complies, otherwise mark (x).

No.	Description	Requirement	*Supplier's Response		Remarks
			Yes	No	
	Brand	Please specify			
	Model	Please specify			
	Country of Origin	Please specify			
	Detailed Specification	Must be attached			
1.	Processor				
1.1	Processor Type	<ul style="list-style-type: none"> Intel Core i5 Cores/Threads: 4/8 or higher InstructionSet: 64-bit Generation: 11th or higher 			
1.2	External Rated Clock Speed	<ul style="list-style-type: none"> Base Frequency: 900 MHz or faster Turbo Frequency: 4.2 GHz (or faster) 			
1.3	Internal Cache Memory	Level 3 Cache – 8 MB (or larger) smart cache			
2.	Display				
2.1	Screen	<ul style="list-style-type: none"> Size: 15.6" HD or better Resolution: 1,920 x 1,080 (or higher) Aspect Ratio: 16:9 Widescreen Features: LED Backlight, Anti-Glare 			
3.	System Board				
3.1	Type and Architecture	Intel compatible chipset based system board <i>(note: Proposed chipset must be certified by the processor manufacturer as compatible with the processor)</i>			
3.2	Main Memory	<ul style="list-style-type: none"> Capacity: 8 GB (or higher) Speed: DDR4-2666 MHz (or faster) <i>(note: Memory must be expandable up to 16 GB or higher)</i>			
3.3	Graphic Adapter and Interface	<ul style="list-style-type: none"> Card: Integrated hardware graphic accelerator Graphics: Intel Iris X or better Memory: 2 GB graphic memory (or higher) Video Ports: VGA or HDMI with VGA converter 			
3.4	Audio Interface	<ul style="list-style-type: none"> High-definition audio 			

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			Yes	No	
		<ul style="list-style-type: none"> • Microphone-in • Line-out connections 			
3.5	IO Ports	<ul style="list-style-type: none"> • At least 3 ports, 2 of which confirming to USB Ver. 3.0 specification (or higher) • Card Reader: SD Cards (or better) 			
4.	Storage				
4.1	Hard Disk Drive	<ul style="list-style-type: none"> • Capacity: 1 TB (or higher) • Speed: 5,400 rpm (or faster) • Interface: SATA (or better) • Features: Shock protection 			
4.2	Optical Storage	DVD±RW drive (Super Multi Double Layer Drive)			
5.	Multimedia				
5.1	Speakers	<ul style="list-style-type: none"> • Integrated Stereo Speakers • 16-bit Stereo with Intel^R high definition audio support (or equivalent) 			
5.2	Microphone	Built in			
5.3	Web Camera	Built-in HD Camera			
6.	Communication				
6.1	Network interface	10/100 Mbps full-duplex Ethernet Port with RJ45 connector			
6.2	Wi-Fi	Integrated 802.11b/g/n			
6.3	PAN	Bluetooth 4.0 (or latest)			
7.	Standard Peripheral Devices				
7.1	Keyboard	Full-size keyboard with numeric keypad			
7.2	Pointing Device	Touchpad with multi-gesture support			
8.	Power Supply Unit				
8.1	Power	<ul style="list-style-type: none"> • 110/230 V nominal input • 50/60 Hz • 3-pin square AC plug 			
8.2	Battery	Capacity – 40 WHour battery (or higher)			
9.	Chassis				
9.1	Weight	1.8 Kg (or lower)			
9.2	Security features	Security lock slot			
9.3	Accessories	Carrying case and Wireless Mouse (Same brand original mouse with accessories)			
10.	Software Requirements and Compatibility				
10.1	Operating system	The system should be			

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		compatible with 64-bit Windows 10 and Ubuntu 16 (or latest)			
10.2	Drivers for system and peripherals	Manufacturers device drivers for all system components supporting the following operating systems: <ul style="list-style-type: none"> • 64-bit Windows 10 • 64-bit Ubuntu/Linux16 			
11.	Standard Compliance and Warranty				
11.1	Standard compliance	The system must be manufactured by an ISO 9000 certified manufacturer. <i>(note: Copy of ISO certification and Original Manufacture Authorization Letter must be attached)</i>			
11.2	Warranty	3-year comprehensive warranty inclusive of Parts and Labour for ALL system components and peripheral devices supplied. 1 year for battery <i>(note: Copy of the warranty terms and conditions of the Bidder must be submitted with the Bid document)</i>			

(Please use separate sheets for optional offers.)

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