

Department of Chemical Engineering
Indian Institute of Technology, Delhi

August 14, 2012

Subject: Quotation for Laptop Computer

Following Specification are required for Laptop Computer (5 units)

1. **Operating System** : Genuine Windows® 7 Home Basic with Service pack 1
64bit (English Version)
2. **Architecture** : Intel® Core™ i5-3210M Processor 2.50 GHz with Turbo
Boost up to 3.10 GHz
Intel® HM76 Express Chipset, 3 MB (L3 Cache)
3. **Main Memory** : 4 GB (4 GB (On Board)) DDR3L SDRAM (upgradeable
up to 12 GB), 1333 MT/s
4. **Hard Disk Drive** : 500 GB (Serial ATA, 5400 rpm)
5. **Optical Disc Drive** : DVD Super Multi Drive
Maximum Reading Speed: DVD+R: 8x(SL), 8x((DL) /
DVD-R: 8x(SL), 8x(DL) / DVD+RW:8x / DVD-RW: 8x /
DVD-ROM: 8x / DVD-RAM: 5x / CD-ROM: 24x / CD-R:
24x /CD-RW: 24x

Maximum Writing Speed: DVD+R: 8x(SL), 6x(DL) /
DVD-R: 8x(SL), 6x(DL) / DVD+RW: 8x / DVD-RW: 6x
/ DVD-RAM: 5x / CD-R: 24x / CD-RW: 10x
6. **Graphics** : Intel® HD Graphics 4000
7. **Display** : 13.3 (33.8 cms) wide (WXGA: 1366 x 768) TFT colour
display (LED backlight)
8. **Ambient Light** : Yes
9. **Interface** : Hi-Speed USB (USB 2.0) with USB charge port Type A
Connector x 1, Super Speed USB (USB 3.0) pot Type A
Connector x 2
Network Connector: 1000BASE-T/1000BASE-
TX/10BASE-T x 1
Display Output Connector: Analogue RGB, mini D-sub 15
pin x 1

Headphone: Stereo, Mini Jack x 1 (also serves as Headset jack)

HDMI Out x 1

“Memory Stick Duo”, “Memory Stick PRO-HG” compatible, “Magic Gate” function, SD memory card (SDHC, SDXC compatible, UHS (SDR50) supported, Copyright protection function (CPRM))

DC in x 1

Extend Battery Connector x 1

Others Port Replicator connector x 1

- 10. Wireless Connection :** IEEE 802.11a/b/g/n
Maximum transmission speed: 300 Mbps, Maximum receipt speed; 300 Mbps
Bluetooth® standard Ver. 4.0 + HS
- 11. Camera :** HD web camera (Resolution: 1280 x 1024, Effective Pixels: 1.31 Mega pixels)
- 12. Audio :** Internal, Stereo Speakers Internal, Monaural Microphone
Dolby® Home Theater® v4, “Clear Phase”, “xL OUD”
- 13. Keyboard/Input Device :** 19.05 mm key pitch/1.7 mm keystroke, 82 keys, Backlit Keyboard, Touchpad (Gesture supported)
- 14. Battery Life :** Lithium-ion battery: up to 6.0 hours of use
- 15. Sleep Mode :** Rapid Wake + Eco
- 16. Size :** 31 x 23.9 x 224.6 mm
- 17. Weight :** 1.72 kg (including the supplied battery)
- 18. Included Software :** Media Gallery, PowerDVD, Adobe Flash Player 11, TriDef 3D Ignition, TriDef 3D Ignition, TriDef 3D Photo Viewer
Adobe® Photoshop® Elements 10, Microsoft® Office Starter 2010*12, Adobe® Reader® X
Trend Micro™ Titanium™ Maximum Security 2012
60days*16
- 19. Supplied Accessories:** AC Adapter and Battery
- 20. Warranty :** 36 (Months)

Please send the above quotation latest by 03 / 09 / 2012.

Terms and Conditions:

- 1 Quotations must be made in sealed envelopes. Technical and Commercial bids must be sent separately in two sealed envelopes and then put together in one envelope. The quotes must reach the following address by 3rd September by 17: 00 hours latest.

Dr. A. S. Rathore
Department of Chemical Engineering,
Block II, Room No. 94,
Indian Institute of Technology, Delhi
Hauz Khas, New Delhi – 110016

- 2 Price must be quoted CIF New Delhi.
- 3 Please specify warranty periods.
- 4 Indian agency certificate must be enclosed.
- 5 Proprietary certificate might be enclosed if applicable.
- 6 Payment through L/C.
- 7 Validity of quotation should be at least 3 months.
- 8 Period of delivery should be mentioned.
- 9 Educational discount should also be mentioned.

Remarks: The Institute reserves the right to accept or reject any all the quotations without assigning any reason thereof.



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