

1. Hardware Configuration

Proposed System Configuration:

Processor	Intel Core2 Duo E4300 Processor (1.8 GHz, 2 MB L2 Cache, 800 MHz FSB)
Chipset	Intel Q965 or higher Intel Chipset
Motherboard	Intel original or OEM mother board
Memory	512 MB DDR2 SDRAM @ 667 MHz Expandable to 4 GB
Hard Disk Drive	80 GB SATA-II SMART III 10000 rpm
Optical Drive	52 X
Graphics	Integrated (on board) Intel Media GMA 3000
Audio	Integrated (on board) Audio controller with Internal speaker.
Ethernet	Integrated (on-board) 10/100/1000 controller with WOL, ASF 2.0 & PXE
Bays	Minimum: 3 (with support for 2 internal Hard drives)
Slots	Minimum: 4 x1 PCI Express Slot - 1 no x16 PCI Express Graphics Slot - 1 no and PCI - 2 nos
Ports	1 Parallel, 1 Serial, 8 USB (Ver 2.0), VGA, 2 PS/2 ports
Form Factor	Micro Tower
Power Supply	Minimum 300 Watts (Surge protected)
Monitor	17" TFT Color with minimum 1280x 1024 @60 Hz resolution with MPRII/TCO & Win XP certification (same make as PC)
Keyboard	PS/2 104 keys keyboard (Same make as PC). Keyboard should support Inscript data entry in Hindi
Mouse	Optical Scroll Mouse (Same make as PC)
Operating System / Applications	Pre installed Microsoft Windows XP Pro SP2 with Restore / Recovery CD, OS CD and documentation CD with each PC (In absence of OS CD, OEM pack of OS to be supplied) Pre loaded anti virus with free upgrades for one year and with media and manual
Drivers for different Operating systems	Drivers should be freely available on OEM's web site
Recovery Tool	Pre loaded software tool that has provision for scheduled backup for restoring OS & data
Diagnostic Tool	Pre installed OEM's Diagnostic tool for hardware diagnostics
Compliance And Certification to be submitted	For OEM: ISO 9001:2000 For Desktop: OS certification: Win XP Certification For Monitor: Energy Star and MPRII/TCO

Approximate Cost – Rs. 30000 - 35000

Proposed Webcam Configuration:

Type	Colour - fixed
Video Capture	800 x 600 @ 30 fps 640 x 480 @ 30 fps 352 x 288 @ 30 fps 320 x 240 @ 30 fps 176 x 144 @ 30 fps 160 x 120 @ 30 fps
Still Image	JPEG
Features	USB 2.0 compatibility, auto exposure control, auto white balance, Skype compatible, USB powered
Image Sensor	
Type	CMOS 1/6"
Total Pixels	640 x 480

Approximate Cost – Rs. 1200 - 1800

Proposed Network Colour Laser Jet Printer Cum Colour Copier Cum Colour Scanner Specifications

Parameter	Specifications Required
Print Speed(colour)	Upto 24 Pages Per minute
First Page Out	Approx 20 Seconds
Paper Input Capacity	3100 sheets
Paper Output Capacity	Min 1000 sheets multifunction finisher to include stapling upto 50 sheets, folding into booklet, saddling, stitching upto 10 sheets
Print Quality	600 x 600 DPI, Enhanced 4800 DPI
Memory	512 MB, 40 GB HDD
Connectivity	USB, IEEE 1284-compliant bidirectional parallel, Ethernet 10/100 network
Duty Cycle	Upto 2,00,000 pages per month
Print Languages	PCL 6, PCL 5c and PS 3 emulation
Media Size	A3, A4, Legal
Scanner	Color Scanning
	Scan Speed : Upto 24 PPM in Color and Black
	Resolution : 600 x 600 DPI
	Bundled software for scanning and OCR
Copier	Speed : 24 CPM
	Resolution : 600 x 300 DPI
	Copier Settings : Scalability, contrast, N-up, auto/text/graphic, one pass two-sided scanning, change size, change orientation, crop, move, hide
	Reduce/Enlarge : 25% - 200%
Digital Sending (bundled with the MFP)	Features : Embedded scan to e-mail, send to folder, LDAP authentication

Approximate Cost – Rs. 4000 - 6000

Proposed Uninterrupted Power Supply (UPS) System Specifications

UPS 600V

Key Features

Form Factor

Floor Standing

Output Power (VA)

600 VA

Output Power (W)

300 W

Max Backup Time With Full Load

4.3 Minutes

Connectors

Total Number of Outputs

6 Outlets

Approximate Cost – Rs. 3000 – 4000

Proposed Digital Camera Specifications

Resolution	14.00 Mpixel
Optical zoom	Yes
Digital zoom	Yes
Auto focus	Yes
Manual focus	No
Flash modes	anti red-eye auto fill in off slow flash
Storage types	SDHC Secure Digital
Built-in flash	Yes
Video function	Yes
Video sound	Yes
Maximum video resolution	1280x720
Minimum video resolution	320x240
Frames per second (fps)	30
Voice recording	Yes
LCD display	Yes
LCD size	2.5-inch
LCD resolution (pixels)	230,000
Self-timer	Yes
USB	USB 2.0
Video out	Yes
Bluetooth	No
File format	JPEG
Energy	2x AA Li-Ion

Approximate Cost – Rs. 5000 - 6000

Note: These are the minimum requisite configuration