

ANNEXURE-1

Item	Configuration description - 1
Processor	Intel 2nd Generation Core i7 -2600 Processor
Chipset	Intel H61 Express Chipset
Motherboard	OEM Motherboard
Memory	Minimum: 2 GB Up to two DIMM slots; Non-ECC dual-channel 1066/ 1333 MHz DDR3 SDRAM, Memory Expandable to 8GB DDR3-1333Mhz
Hard Disk Drive & controller	Minimum: 320GB SATA 3.0-(3Gb/s Hard Drive (7200 RPM, NCQ, Smart)
Optical Drive	Minimum: SATA SuperMulti DVD Writer Drive
Graphics	Minimum: Intel HD Graphics (integrated) Discrete graphic support
Audio	Integrated audio with Realtek ALC2656 Supports 5.1 channel audio
Ethernet	Integrated Gigabit (10/100/1000 NIC) LAN
Slots	Minimum: (2) Full Height PCI slot, (1) Full Height PCIe x1 slots, (1) Full Height PCIe x16
Bays	Minimum: (2) 3.5-inch internal drive bay supporting hard disk drive, (1) 3.5" external bay for optional OEM Media Card Reader (for future), (2) 5.25" external bay for optional optical drive, or other 5.25" device
Ports	Minimum: Rear I/O: (4) USB 2.0, (1) standard serial port, (1) optional second serial port (1) optional parallel port, (2) PS/2, (1) RJ-45, (1) VGA, audio in/out , (1) DVI-D port, Front I/O: (2) USB 2.0, headphone and microphone, (2) Internal USB ports
Form Factor	Micro Tower
Power Supply	Minimum: 300-watt standard efficiency power supply, Active Power Factor Correction (PFC)
Keyboard	PS/2 104 keys keyboard (Same make as PC)
Mouse	Laser Mouse (Same make as PC)
Operating System	Genuine Windows 7 Professional Edition (32-bit) pre loaded
Recovery Tool	Recovery partition (OEM)
Security	Power-On password (via BIOS) / Setup password (via BIOS)
Compliance And Certification	For PC : IT ECO, WEE , Win certification
Monitor	18.5" LCD TFT Monitor (OEM of PC Make)
Item	Configuration description - 2
Processor	Intel Core i5-2500s Processor (2.7 GHz, 6 MB cache)
Chipset	Intel H61 Express Chipset
Motherboard	OEM Motherboard
Memory	Minimum: 2 GB Up to two DIMM slots; Non-ECC dual-channel 1066/ 1333 MHz DDR3 SDRAM, Memory Expandable to 8GB DDR3-1333Mhz
Hard Disk Drive & controller	Minimum: 320 GB SATA 3.0-(3Gb/s Hard Drive (7200 RPM, NCQ, Smart)
Optical Drive	Minimum: SATA SuperMulti DVD Writer Drive

Graphics	Minimum: Intel HD Graphics (integrated) Discrete graphic support
Audio	Integrated audio with Realtek ALC2656 Supports 5.1 channel audio
Ethernet	Integrated Gigabit (10/100/1000 NIC) LAN
Slots	Minimum: (2) Full Height PCI slot, (1) Full Height PCIe x1 slots, (1) Full Height PCIe x16
Bays	Minimum: (2) 3.5-inch internal drive bay supporting hard disk drive, (1) 3.5" external bay for optional OEM Media Card Reader (for future), (2) 5.25" external bay for optional optical drive, or other 5.25" device
Ports	Minimum: Rear I/O: (4) USB 2.0, (1) standard serial port, (1) optional second serial port (1) optional parallel port, (2) PS/2, (1) RJ-45, (1) VGA, audio in/out , (1) DVI-D port, Front I/O: (2) USB 2.0, headphone and microphone, (2) Internal USB ports
Form Factor	Micro Tower
Power Supply	Minimum: 300-watt standard efficiency power supply, Active Power Factor Correction (PFC)
Keyboard	PS/2 104 keys keyboard (Same make as PC)
Mouse	Laser Mouse (Same make as PC)
Operating System	Genuine Windows 7 Professional Edition (32-bit) pre loaded
Recovery Tool	Recovery partition (OEM)
Security	Power-On password (via BIOS) / Setup password (via BIOS)
Compliance And Certification	For PC : IT ECO, WEE , Win certification
Monitor	18.5" LCD TFT Monitor (OEM of PC Make)
Item	Configuration description - 3
Processor	Intel Core i3-2120 Processor (3.3 GHz, 3 MB cache,)
Chipset	Intel H61 Express Chipset
Memory	Minimum: 2 GB Up to two DIMM slots; Non-ECC dual-channel 1066/ 1333 MHz DDR3 SDRAM, Memory Expandable to 8GB DDR3-1333Mhz
Graphic Card	Minimum: AMD RADEON HD
HDD	Minimum: 320 GB SATA 3.0-(3Gb/s Hard Drive (7200 RPM, NCQ, Smart)
Network	Integrated Gigabit (10/100/1000 NIC) LAN
Optical Drive	DVD Writer (OEM of PC Make)
Form Factor	Micro Tower
Slots	Minimum: (2) Full Height PCI slot, (1) Full Height PCIe x1 slots, (1) Full Height PCIe x16
Bays	Minimum: (2) 3.5-inch internal drive bay supporting hard disk drive, (1) 3.5" external bay for optional OEM Media Card Reader (for future), (2) 5.25" external bay for optional optical drive, or other 5.25" device
Ports	Minimum: Rear I/O: (4) USB 2.0, (1) standard serial port, (1) optional second serial port (1) optional parallel port, (2) PS/2, (1) RJ-45, (1) VGA, audio in/out , (1) DVI-D port, Front I/O: (2) USB 2.0, headphone and microphone, (2) Internal USB ports
Environmental Standards	Energy Star
Interfaces	Minimum:(1) DVI-D video port / (1) VGA video port / (1) RJ45 network port / (1) Serial RS-232 compatible port standard with second port available optionally / (1) Parallel port available as an option PS/2 Color coded support for keyboard (purple) and mouse (green) / (1) audio in; 5.1/ audio channel out; one (1) microphone in

Keyboard	PS/2 104 keys keyboard (Same make as PC)
Mouse	Laser Mouse (Same make as PC)
Ports	At least 8 USB ports – 4 USB Ports on front panel
Operating System	Genuine Windows 7 Professional Edition (32-bit) pre loaded
Monitor	TCO 05 certified TFT LCD 18.5" (OEM of PC Make)
Warranty	3 years onsite comprehensive warranty

ANNEXURE-2

Item	Configuration Description
Processor	Mobile Intel Core i5 2.4Ghz
Cache	Minimum: 3MB L3 Cache or better
Chipset	Minimum: Intel HM65 Express Chipset
Memory	Minimum: 2GB DDR3 PC3-10600 SDRAM expanable upto 8GB
HDD	Minimum: 320GB 5400 RPM (minimum)
Screen	Minimum: 35.5 cm (14") 14.0-inch diagonal HD, BrightView optional or active matrix wide screen 1280 x 768 WXGA or higher
Graphics	Minimum: Intel HD Graphics 3000 or better
Wifi	Minimum: Integrated Wireless Intell 802.11 b/g/n
Optical Drive	Minimum: 8x DVD Writer
Keyboard	Integrated spill-resistant 101/102 keys keyboard designed using a thin layer of Mylar film under the keyboard
Ports	Minimum: 3 USB 2.0 Ports or higher, 1 VGA, 1 HDMI 1.3a, 1 Stereo microphone, 1, Power Connector, 1 Rj 45 / Ethernet, 9 LED Status indicators.
Audio	SRS Premium Sound
Pointing Device	Touchpad with gestures support, on/off button with LED indicator, two-way scroll, two pick buttons
Ethernet	Integrated Realtek 10/100/1000 Ethernet Card
Slots	Minimum: VGA/HDMI, PCMCIA, PCI Express Slot.
Antivirus	Norton / McAfee Antivirus with 60 days license
Battery	Minimum: 6 cell Li-Ion oem battery
OS	Windows 7 64 Bit pre loaded
Power Supply	230V, 50Hz
Warranty	3 Years Warranty
Add on	OEM Bag Pack

ANNEXURE-3

Item	Multiseat description	Qty
Server	Multi Seat 6000 (Extended VL) / SFF - C2 Quad Q 9400, 6 GB, 500GB, KBD, Mouse Free Dos	1
Multiseat Client	t100 Thin Client (Academic VL)	9 Users
Keyboard & Mouse	Multimedia PS2 Combo Kbd & Mouse	9 Users
Monitor	18.5" TFT (Same as OEM of Multiseat)	10
Software for Server	Ms Windows 2010 MP Server OS (Acadm License)	1
Software for Client	MS CAL License	9 Users

ANNEXURE-4

Item	Configuration Description	Qty
Processor	Intel Xeon E5620 (2.4 GHz/ Quad core) 1 Processor upgradable upto 2 Processor	1
Cache	12MB (1 x 12MB) Level 3 cache	
FSB	DDR3 - 1066	
Chipset	Intel 5520 Chipset	
Memory	Minimum: 8GB RAM DDR3 Registered (RDIMM) or Unbuffered (UDIMM) expandable upto 48GB (UDIMM) / 288 GB (RDIMM)	
Memory Protection	Advanced ECC, Mirroring Mode, Lock - step mode	
HDD	Minimum: 2 x 300 GB SAS HDD	
Interface	Minimum: 1 Serial, 3 RJ 45, 1 KBD, 1 Mouse, 1 Graphic, 1 SD Slot, 6 USB 2.0 Ports (2 front, 2 rear, 2 Internal)	
Ethernet	Embedded NC326i PCI Express Dual Port Gigabit Server Adapter	
Slots	Minimum: Six total expansion slots. One PCI-Express x16 Gen2 (x8 speed); One PCI-Express x8 Gen2 (x8 speed); Four PCI-Express x8 Gen2 (x4 speed)	
USB Ports	Minimum: Two (2) USB ports	
Power Supply Unit	Redundant Power Supply 460W	
FAN	Minimum: 3 system fans standard	
Optical Drive	Standard Half-Height SATA DVD-ROM Optical Drive (OEM)	
Form Factor	Tower Model	
OS Support	Windows Servers, Red Hat Enterprise Linux, SUSE Linux Enterprise, Netware, VM Ware, Citrix essential.	
Industry Standard Compliance	ACPI V2.0 Compliant, PCI-Express Gen 2, PXE Support, WOL Support, PCI-X 1.0a Compliant, Novell Certified, Microsoft Logo Certifications, USB 2.0 Support, SMBIOS 2.6.1	
Intelligent Manageability	System Insight Manager, SmartStart, Redundant ROM, System Firmware Update, ROMPaq, ROM Base Setup Utility, Automatic Server Recovery - 2, Dynamic Sector Repairing, Drive Parameter Tracking, Pre Failure Warranty (covering Processor & Memory)	
Monitor	18.5" LCD / LED TFT Monitor (OEM)	
Warranty	3 Years	

ANNEXURE-5

Item	UPS - Paradyne Description	Qty
UPS for Node	1KVA Interactive UPS with AVR (216 VAH) 30 Minutes back up on 1 PC)	1
UPS for Node	1KVA Interactive UPS with AVR (400 VAH) 45 Minutes back up on 1 PC)	1
UPS for Server	3 KVA Online UPS (45 Minutes Back up)	1

Note: Warranty: 1 Year & 3 Year Warranty
UPS manufacturer should ISO Certified / DGS&D & ICSIL
registered with service centre presence in delhi.

ANNEXURE-6

Item	Software description	Qty
Software	Microsoft Office Professional Plus 2007 MOLP or latest (AE - Version)	100 User
Media	Microsoft Office Professional Plus 2007 or latest software (AE - Version)	2 Sets
Antivirus	Symantec / McAfee Antivirus for Desktops / Laptops / Server with 1 Year update Paper license (AE - Version)	100 User
Server Software	Windows 2008 Standard Edition Server Client Access License - 64 Bit (AE Version)	5 Users
Server Media	Windows 2008 Server Client Access License - 64 Bit	1 Set
Server Antivirus Software	Symantec / McAfee Antivirus for Desktops / Laptops / Server with 1 Year update Paper license (AE - Version)	6 User