

Specification:

Annex-I

SL No.	Item (Minimum Requirement)	Quantity	Place
1	<p>Computer: Processor: Intel 6th generation i5, 6M cache, 2.7MHz RAM: 8GB DDR4 HDD: 500GB, 7200rpm VGA: Integrated Graphics USB: 2 USB 2.0, 2 USB 3.0 Network: On board Ethernet and Wireless KEYBOARD: 101 tactile keyboard MOUSE: Optical Wheel Mouse MONITOR: 20 inch, LED, response time <5ms, brightness >= 200cd/M2 OS: FreeDOS/Fedora24, VT-x Enabled Type: AIO/miniPC</p>	13	Faculty Room
2	<p>Computer: Processor: Intel 6th generation i5, 6M cache, 2.7MHz RAM: 8GB DDR4 HDD: 500GB, 7200rpm VGA: Integrated Graphics, DB-15 USB: 2 USB 2.0, 2 USB 3.0 Network: On board Ethernet and wireless PCIe: 3 KEYBOARD: 101 tactile keyboard MOUSE: Wire Optical Wheel Mouse MONITOR: 20 inch, LED, response time <5ms, brightness >= 200cd/M2 OS: FreeDOS/Fedora24, VT-x Enabled Type: MicroATX/Tower</p>	3	Laboratory/General
3	<p>Laptop: Intel i5, 2.8MHz, 4GB RAM, 500GB HDD, DVD-RW, LAN, WiFi, 15.6 inch screen, 2 USB2.0, 2 USB3.0, VGA and HDMI port, Weight <3Kg. OS: FreeDOS/Fedora24</p>	1	HOD Office
4	<p>Computer: Processor: Intel Xeon E3-1220 V5, 3.0 GHz, 8MB L3 Cache x 2 RAM: 64GB, DDR4 HDD: 4TB SATA-III, 6 Gb/s x 2 and 128GB SSD (for booting) VGA: RAM 1GB, DDR2, DVI, DB-15 USB: 2 USB 2.0, 2 USB 3.0 Network: Intel I210-AT, Gigabit LAN Controller x 2, Management LAN x 1, Dual Power Supply, KEYBOARD: 101 tactile keyboard</p>	2*	Simulation Laboratory

	MOUSE: Optical Wheel Mouse MONITOR: 22 inch, LED, Response time <5ms, brightness >= 250cd/M2 OS: LINUX/FreeDOS, VT-x Enabled, VT-d Enabled Type: Tower		
5	Computer: Processor: Intel Atom/AMD Quad Core, 1MHz RAM: 2 GB HDD: 32 GB (Static) VGA: Integrated Graphics USB: 2 USB 2.0, 2 USB 3.0 Network: On board Ethernet KEYBOARD: 101 tactile keyboard MOUSE: Optical Wheel Mouse MONITOR: 15.6 inch, LED, response time <5ms, brightness >= 200cd/M2 OS: LINUX Type: AIO/miniPC/VESA	13*	Simulation Laboratory
6	External DVD Drive: Portable DVD writer, 8x DVD speed, 24x CD-R/RW speed, DVD+/-RW/CD-RW/Double Layer DVD+/-R), Compatible with: Windows XP/LINUX, USB-powered, USB interface: 2.0, Dimensions: 142.8 x 148 x 13.9 mm, Weight: <300g	5*	Department/Instrument Room
7	24 Port, Manage Switch: 24-Port 10/100Mbps/PoE + 4-Port Gigabit Switch with Web View, 128MB RAM	3*	Simulation Laboratory
8	CAT-6 Networking: Per meter, per port /machine, inclusive labour etc., excluding cost of switch/hub.	All of the above machine (Approx. 3000 Meter)	Through out the department
9	Microsoft Windows 10 and/or 7 ultimate, Academic/Educational Version (64bit)	20 Users License*	Department
10	2TB External Hard Drive, USB 3.0	1*	Simulation Laboratory

* Depending upon availability of fund, quantity of these items may vary.

General Conditions:

1. Warranty: 3 years on all items except item no. 9.
2. All equipments/computers should have 97% uptime/availability
3. Valid ISO certification of OEM and/or its authorise dealer are required
4. **Over all cost inclusive cost of installation, cost of networking, govt. taxes etc. will be considered for selecting the vendor and partial quotation will be treated as an invalid quotation for this tender.**
5. Quotation must be valid for 90 days from date of opening the tender.