

ANNEX-B- Lot-2
UNIVERSITY OF LORALAI

S.No	ITEM DESCRIPTION	SPECIFICATION	DELIVERY LOCATION	QTY
1	Laptop:	Laptop : Processor Type: Intel Core i7 12th Generation Processor Speed: Intel Core i7-1235u (up to 4.40 GHz Turbo (12.0 MB Cache) Generation: 12th Gen Operating System: Windows 11 Screen Size: 15.6 Inches Screen Resolution: Full HD (1920 x 1080), Micro-Edge, Anti-glare, 250 nits, 45%NTSC Display Internal Memory: 512 GB RAM: 32 GB Graphics Memory: Intel Iris Xe Graphics Bluetooth: Yes Wireless/Wifi: Yes USB: Yes Camera: yes external Mouse and BAG	UNHCR warehouse at Baleli Quetta;	10

2	Desktop Computer	<p>Operating system: Windows 10 Pro / 11 Pro; 64 bit; licensed Processor: Intel® Core™ i7-12700T (up to 4.7 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads) Chipset: Intel® Q670 (vPro®)re Graphics: Integrated Intel® UHD Graphics 770 Memory: 8 GB DDR5-4800 MHz RAM (1 x 8 GB) Memory slots : 2 SODIMM Hard drive: 256TB PCIe® NVMe™ TLC SSD Wireless technology: Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate) Power supply: 90 W external power adapter, up to 89% efficiency, active PFC Standard Keyboard and Mouse</p> <p>Monitor Display panel type: IPS Micro edge, LED backlight Display size (diagonal): 27 inches Aspect ratio: 16:09 Resolution: 1920 x 1080 at 60 Hz Connector types: (1) DisplayPort (DP) 1.2 (1) HDMI 1.4 (1) VGA USB ports (3) USB 3.0 (2 downstream and 1 upstream) Power supply Internal Input power 100 to 240 VAC at 50/60 Hz Maximum power 42 W</p>	<i>UNHCR warehouse at Baleli Quetta;</i>	40
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3	Smart White Boards:	Smart White Boards: wireless screen, Size 86" sharing system having web browser. simultaneous touch, writing and erase points. audio. integrated speakers complete in all respect	<i>UNHCR warehouse at Baleli Quetta;</i>	5
4	Multimedia Rostrums	Multimedia Rostrums: College (1) PVC coated glass/best quality High density rubber plastic with solid wood stand. (Email attached) (2) Applications: Shall be placed in multipurpose Hall/Digital Lab to deliver interactive presentations and enhance audience Size rostrum with 230V AC Power, VGA, HDMI NETWORK USB port with best quality speaker system complete in all respect.	<i>UNHCR warehouse at Baleli Quetta;</i>	3
5	MULTI Function Printer	Main Function: Copy, Print, Scan, Fax (Optional) Writing Method : Semiconductor Laser CPU: T1024 (Dual Core) 1.2GHz Print Speed (A4) (Mono) : 50 cpm Scanning Speed (A4) 300dpi: DP-7100(Mono/Color) Simplex80/80 ipm DMemory: Standard 4GB (Max. 4GB) SSD/HDD Capacity: SSD 8GB (Standard) / HDD 320GB (Standard) HDD Data Security Kit: Data Security Kit(F) Warm Up Time: 17 secondsuplex 48/48 ipm Paper Capacity Standard: 2 x 500 sheets (Cassette) + 150 sheets (MPT) Maximum 7,150 sheets (Main Unit + 2 x 1,500 sheets PF-7110 x1 + 3,000 sheets PF-7120 x1 + MPT) Paper Size : Cassette Min. A6R – Max. SRA3(320mm x 450mm); Cassette 1 Min. A6R – Max. A4R (Legal) MPT Min. A6R – Max. SRA3(320mm x 450mm) & Banner Print of 1,220mm Duplex Printing Paper size: A6R – SRA3(320mm x 450mm); Paper weight: 64 - 256 g/m2 Output CapacityMax. 500 sheets + 100 sheets face-down with Inner Job Separator Control Panel 10.1 inch Color Touch LCD Panel	<i>UNHCR warehouse at Baleli Quetta;</i>	1

6	Laminator	Hot & cold A4 size Laminator for 50 to 200 microns Work status indicator. Steel Shell Material Laminating Speed: 600 mm/minute Power indicator. Heating indicator. Adjustable temperature knob	UNHCR warehouse at Baleli Quetta;	1
7	Scanner	Scanners: Interface USB 2.0 Hi-Speed Hardware resolution 4800 x 9600 dpi, 48 bit Selectable resolution 12 dpi to 999,999 enhanced dpi at 100 percent scaling AC line voltage 120 V 50 Hz/60 Hz – HP or Equivalent	UNHCR warehouse at Baleli Quetta;	5
8	Multimedia:	Multimedia: 20500-5000 lumens (LCD/DLP) 1080p Portable LED projector with best quality graphics as per satisfaction of IT incharge. HP or Equivalent	UNHCR warehouse at Baleli Quetta;	
9	Server :	Server shall be comprising of following specs. Xeon E-2124 Quad-Core 3.3GHz 8MB, 32GB DDR4 RAM, 8TB Storage, RAID, iDRAC9, Single PSU(Renewed)	UNHCR warehouse at Baleli Quetta;	1
10	UPS (Supply and Install at the Loralai University)	Supply and install at Loralai University , 100 kVA UPS 100 KVA/80kWatt. with input voltage of 380 / 400 / 415 VAC ; 3 Phase, N and input voltage range 15% including 50 Hz Frequency. Inverter & By-PASS: 0,8 Output Voltage 380 / 400 / 415 VAC ; 3 Phase, N	Loralai University (supply and install)	1