

**LIST OF ITEMS REQUIRED TO BE PURCHASED FOR IT DEPARTMENT ON
THE BASIS OF APPROVAL BY TAC**

S. No	Description	Specification	Qty
1	Computer	Branded Computer 6th Intel Core i7 3.4 GHz Processor 8MB Cache 6GB 1600MHz DDR3 1TB (7200 Rpm) Hard Drive DVD RW Drive Integrated Graphics USB Optical Mouse Quiet Key USB Keyboard LAN + Wi-Fi 18.5" W Led Monitor	20
2	Computer	Branded Computer 6th Generation Intel Core 3.4 GHz i5 4GB 1600MHz DDR3 1TB Serial ATA (7200 Rpm) Hard Drive DVD RW Integrated Graphics USB Optical Mouse Keyboard LAN + Wi-Fi 18.5" W Led Monitor (Complete Set)	50
3	Laser Printer	Laser Jet Printer Print speed black: Normal: Up to 38 ppm 4 First page out (ready) Black: As fast as 5.7 sec; As fast as 8.2 sec (100 V) 5 Print quality black (best) HP FastRes 1200 Resolution technology HP FastRes 1200, HP ProRes 1200, 600 dpi Duty cycle (monthly, A4) Up to 80,000 pages 6 Recommended monthly page volume 750 to 4000 7 Print technology Laser Processor speed 1200 MHz	70
4	Token printer (Token for Patient Queue Management/ small Invoice Printing)	PRINT TYPE Print method Thermal line printing Technology Thermal Line FONTS & STYLES Print Speed 200 mm/sec Column capacity receipt Paper width 80 mm, 56 / 42 Character size 0.99 mm (W) x 2.4 mm (H) / 1.41 mm (W) x 3.39 mm (H) Character set 95 Alphanumeric, 48 International, 128 x 11 Graphic Characters per inch 20 cpi / 15 cpi Dot density 180 DPI x 180 DPI Color Printing Two Colors PAPER Paper Types Receipt Paper size roll paper 79.50 ± 0.50 (W) mm x dia 83.00 mm, 575.00 ± 5.00 (W) mm x dia 83.00 mm (option)	12

		<p>INTERFACES Interfaces Drawer kick-out, RS-232</p> <p>POWER Power Supply PS-180 (option) Power Consumption Standby: 0.1 A, Mean: 1.8 A Operating voltage 24 V</p> <p>GENERAL Product dimensions 145 x 195 x 148 mm (Width x Depth x Height) Product weight 1.8 kg Color Epson Dark Gray / Epson Cool White Installation horizontally, vertically with wall hanging bracket Interface connectors D.K.D. function (2 drivers) Noise Level Operation: 55 dB (A) Humidity Operation 10% - 90%, Storage 10% - 90% Temperature Operation 5° C - 45° C, Storage -10° C - 50° C</p> <p>RELIABILITY Reliability 52,000,000 MCBF (Lines), 360,000 MTBF (Hours) Auto Cutter Life 1,500,000 Cuts Printer Life 15,000,000 lines Print Head Life 100 km - 100,000,000 pulses</p> <p>STANDARDS COMPLIANCE EMC Standards CE marking Safety standards TÜV</p> <p>OTHER FEATURES Changeable interface Yes Cutter Partial Cut</p>	
5	Card laminator	<p>Lamination width:320mm A3 size Max pouch thickness:250 mic Voltage:220v-240v/50hz Weight:7kg Power consumption:600w 4 roller, carrier free lamination Hot & cold lamination, adjustable temperature</p>	7
6	Server Rack	42u Rack for power edge r730 Server	01

I/C IT DEPARTMENT

MTI, ATH, Abbottabad