

### General /Computer items

S#	Items /Equipment/ Machinery	Specification	GCT Bannu	GCT Kohat	GCT Abbottabad	Quantity Required	Unit Price (Inclusive All Taxes & Transportation)	Total Price (Inclusive All Taxes & Transportation)
1.	Computer Laboratory Tool Box	Crimping Tool, Wire Stripers, Cable Cutters, CAT6 Clips 500 Pack, Keystone CAT6 Jacks (500), Cable Testers, Screw Drivers Set.	2			2		
2.	Desktop Computer	<p>Workstation/Desktop Computer (Branded)</p> <p>Processor: Intel 8th Generation Core i5 (3.4 GHz, 6 MB Cache 7500) Equaling or Higher.</p> <p>Motherboard: Manufacturers original Motherboard with Minimum 2 Memory (RAM) slots.</p> <p>Memory: Minimum 4GB DDR-III 1600 MHz or Higher. 1TB HDD</p> <p>Display Sound Card: Integrated Display &amp; Sound Card.</p> <p>Network Adapter: Integrated Gigabit Ethernet (10/10/1000 MI</p> <p>Display: 18.5" LED or above, Low Radiation, 1024 x 768 Resolution Supportive or better.</p> <p>Mouse and Keyboard: USB 2.0 Multimedia Keyboard and Optical mouse with scroll.</p> <p>Casing: Tower Casing or Manufacture's Standard (Additional for Local Brands)</p> <p>I/O Interfaces &amp; Expansion Slots: Minimum 4 USB 2.0 Ports Two PCI/PCI Express slots.</p> <p>Optical Drive: 24 x DVD-RW (Super drive) or higher</p> <p>Operating System: Window 7 Professional or Latest Version with educational license.</p> <p>Wireless Lan Card: 300 Mbps or higher for wireless connection.</p>	1		3	4		

3.	Laptop	CORE I7 (8 <sup>th</sup> Generation) Operating System: Windows 10, 64-bitProcessor: Intel Core i7, 2.2GHz speed Screen: 17.3 Inch 1080 x 1920 Resolution, Wide screen typeGraphics: AMD Radeon HD 7690, Intel HD Graphics 2nd 3000RAM: 8GB DDR3Hard Disk: 640GB. 7200 RpmConnection: Bluetooth, Wi- Fi, USB port (3.0 & 2.0)Battery: 7 hoursWeight: 7.5 lb or all specs higher.	2		2	4		
4.	Laser Jet Duplex Printer	First page out (ready) black : As fast as 5.6 sec Resolution (black): Fast Res 1200 Resolution technology : Fast Res 1200, 600 dpi Monthly duty cycle : Up to 80,000 pages [6] Print Technology : Laser Display : 2-line backlit LCD graphic display Print languages :level 3 emulation, direct PDF (v 1.7) printing, URF, PCLM, PWG Paper trays, standard : V			2	2		
5.	Microsoft Windows 10 (Registered)	Windows 10 Professional DVD containing Windows 10 Pro, 32 & 64 - bit SP1 plus the original product key	1			1		
6.	Monitors	LEDs 15": Viewing Angle: H160/V140 for better viewing quality Stunning color performance Super clear image Viewing Angle: H160/V140, Contrast Ratio: 10000:1 dynamic Resolution: 1024 x 768 at 75HzPanel Size: 38.1cm, Pixel Pitch: 0.297	11			11		

7.	Multimedia Projector	<p>Projection Technology : RGB liquid crystal shutter projection system (3LCD)  LCD Size : 0.55" (D7)  Native Resolution : SVGA  Projection Lens (Type) : No Optical Zoom / Focus (Manual)  F-Number &amp; Focal Length : 1.44   16.7mm  Lamp Type : 200W UHE  Lamp Life (Nor/Eco) :5,000 hours / 10,000 hours  Screen Size : Zoom Wide - 30" - 350" [0.88 - 10.44 m]   Zoom Tele - 23" - 260" [0.88 - 10.44 m]   Standard Size - 60" screen 1.77 - 2.4 m  Brightness : 3,200lm Color   3,200lm White  Contrast Ratio : 15,000:1  Connectivity : D-Sub 15 pin, Composite, S-Video, HDMI, Audio Input, USB Type A, USB Type B, Wireless Lan (optional)</p>		3	3	6		
8.	Photo Copier Machine	<p>Photo Copying Speed: 36PPM or Higher  Document size A3, A4, Legal or High Built in  Network Printer Built, in Network Color Scanner Built in Automatic Duplex Unit RADF  (Reversible Automatic Document Feeder) 300 GB or High Hard Disk, Memory 4 GB, and Multiple copies: 1-9999 sheets  Moveable Trolley, at least one year with Parts Warranty.</p>	1		1	2		

9.	Scanner	<p>Scanner Optical Resolution:Flatbed: 1200 dpi ADF: 600 dpi Hardware Resolution:Flatbed: 1200 x 1200 dpi ADF: 600 dpi Maximum Scan Area:Flatbed: 8.5" x 11.7"ADF: 8.5" x 14"Light Source:3-color LED technologyScanning Speed:25 ppm simplex, 10 ipm duplex (300 dpi, Black-and-White, Grayscale, Color) Automatic Document Feeder:Capacity: 50 sheets Document Sizes:Max.: 8.5" x 11.7" duplex/simplex, 8.5" x 14" simplexMin.:3.5" x 6.7" duplex, 3.5" x 5" simplex Daily Duty Cycle: 1,500 sheets Paper Weight:50 to 120 g/m2</p>	1		2	3		
10.	Water Dispenser	<ul style="list-style-type: none"> <li>• Top Loading Water Dispenser with Bottom Refrigerator</li> <li>• 3 Taps - Hot, Cold and Normal</li> <li>• Safety Child Lock</li> <li>• 3.6 Ltr Stainless Steel Water Tank</li> <li>• Motorized Fridge Technology</li> <li>• Indicator Lights</li> <li>• Type: Water Coolers and Dispensers</li> <li>• Capacity (Cold Water): 1.6 Liters</li> <li>• Capacity (Hot Water): 1 Litre</li> <li>• Wattage: 90W</li> </ul>	2		3	5		