

ADP Scheme - 778 (110489)
(Package-5) LIST OF COMPUTER FOR Peshawar and Mardan

S#	Name of Items	Specification	Unit	For one college Qty	For 2 college Qty	Unit Price (Both in Figures and words) Inclusive all taxes	Total Price (both in Figures and words) Inclusive all taxes
1	Server (Branded)	<p>Server Machines Rack Mountable Server Machine Generation 9 Branded Server.</p> <p>Processor: 2 x Intel® Xeon® Processor E5-2620v3, (6012T, 15M Cache, 2,40 filz, urbo up rift) with 6 Cored or higher</p> <p>Chipset: Intel C600 Series Chipset</p> <p>Memory: 64 GB (4 X 16 G 41)x4 PC4-2133 DDR40</p> <p>Internal Storage: 6 x ITB 10K RPM NL-SAS 6Gbps 2.5in Hot-plug Hard Drive</p> <p>Drive Bays: 2.5" Chassis</p> <p>RAID Controller: 'Dedicated RAID controller smart array ,1 GB NV Cache.</p> <p>Network Controller: One RJ45 serial port connector and two Gigabit Ethernet LA.: R.1-45 Ports</p> <p>Optical Drive: DVD+/-RW ROM, SATA, Internal</p> <p>Power Supplies: Dual, Hot-plug, Redundant Power Supply (1+1),1100W</p> <p>Power Cords: 2 x Jumper Cord 12A 4M C 3/C14</p> <p>Physical Specification: Rack Unit (slide Railing with all accessories) Ready rails sliding rails with cable management arm.</p> <p>Software Specification: Vmware support, Linux support and Microsoft support</p> <p>Antivirus for Server 2016: Kaspersky three years subscription</p> <p>Warranty: 3Years Basic Hardware Warranty Repair: 5x10 HW-Only, 5x10 NBD Onsit Software: Genuine</p>	No	1	2		

		<p>Microsoft Windows Server 2016 standard Edition with 5-GALS including servers</p> <p>Note: Installation, configuration and commissioning of %Otis and migration of Domain Users/Policies would be Vendor responsibility.</p>					
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2	Workstation (Branded)	<p>Form Factor: Micro Tower</p> <p>Processor: Intel ® Core™ i7 4790 Processor (3.4 Ghz or higher) (4th Generation)</p> <p>Motherboard: Intel Q87 Chipset or equal</p> <p>Operating System: Licensed Windows® 10 Pro 64-bit with Media kit</p> <p>LED Monitor: 19 Inch or higher</p> <p>Memory: 8 GB (2 * 4 GB) 1600 MHz DDR3</p> <p>Hard Drive: 1 TB, 10 Krpm, SATA 6.0 Gb/s or Higher</p> <p>Video Card: HDMI + DVI+VGA+ PCI express Geforce 610 2GB DDR3</p> <p>Audio/Multimedia: HD Audio Microphone/Headphone Jack</p> <p>Optional Drive: 52XDVD +/-RW or Higher</p> <p>Networking: Intel Ethernet LAN 10/100/1000.</p> <p>USB: USB 2.0 = 2 or higher, USB 3.0 = 2 or higher</p> <p>Expansion Slots: 1 full length PCIe x 16, 1 full height PCIe x 16 (wired x4), 1 full Height PCIe x 16, 1 full height PCI</p> <p>Number of Bays: 2 internal 3.5", external 5.25"</p> <p>Key board, Mouse Standard</p> <p>Lock with key for CPU</p> <p>Warranty: Minimum 1 year Warranty or higher</p> <p>(Note: Backup Hardware will be provided within 24 hours under warranty items)</p> <p>Antivirus features</p> <p>Endpoint Security protection systems, Anti - Malware, Security for heterogeneous IT environments</p> <p>Protection against the latest malware</p> <p>Automatic monitoring of application behaviour</p> <p>Deeper levels of Protection</p> <p>Host based intrusion Prevention System (HIPS) and personal firewall. Flexible tools control inbound and outbound traffic.</p> <p>Blocking attacks on your network</p> <p>With its Network Attack Blocker feature, detects and monitors suspicious activity on the network.</p> <p>Subscription: Minimum 3 years</p>	No	25	50
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3	Multimedia Projector.	Multimedia Projector 0.9" LCOS (Liquid Crystal on Silicon) x 3 Number of Pixels 1397760 pixels (V 1024 x H 1365) Resolution: 1365 x 1024 color pixels Lens: Manual zoom (f = 2.7 - 3.1) 1.30:1 Lamp: 220W UHB Lamp Life: 4000 hours or higher Brightness: 3000 Lumens Contrast Ratio: 700:01 or 2000:1 Aspect Ratio: 4:3 or better Speakers: 1.0 W x 1 Power Supply: AC 100 - 124V / 200-240V Power Consumption: 360W Operating Temperature 32° - 95° f (0°- 35° C) Input Signals: VGA, SVGA, XGA, S-XGA, UXGA(Compressed), PAL, M-PAL, N-PAL, SECAM, S-Video, HDTV (480i, 625i, 480p, 1080i, 720p, 1035i), HDMI, Noise Level: 32 dB (Whisper mode) 36 dB (Standard mode) RGB input signal: Terminals: Digital RGB: DVI terminal x 1 Standard RGB: D-sub 15- pin shrink terminal x 2 Audio: Stereo mini jack x 2. USB Port: PC-free Slideshows feature with remote controller (To run Presentation without computer)	No	1	2
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4	Laser Jet Printer	<p>LaserJet Network Printer:</p> <ul style="list-style-type: none"> • Power supply:AC 220-240 V, 60Hz, 570 Watt, Internal. • Speed: Up to 35 ppm - B/W - letter A size (8.5 in x 11 in) • Interface: USB, Gigabit LAN • Language simulation: PCL 5C, PCL 6, Post script 3 • Media Sizes: A4 Long (8.25 in x 13.7 in), A5 (4.13 in x 5.83 in), Legal (8.5 in x 14 in) • Media Types: Bond paper, cards, envelopes, labels, plain paper, recycled paper, transparencies. <ul style="list-style-type: none"> ○ Print server - integrated ○ Network / Transport Protocol <p>Protocols & Features: : 802.1x SSL, TLS</p> <ul style="list-style-type: none"> ○ Data Link Protocol: Ehterment, Gibabit Ethernet, Fast Ethernet. ○ Compliant Standards: IEEE 802.1x ○ Connectivity Technology: Wired ○ Ram Installed Size: 128 MB, DIMM 144-Pin, Max Supported Size 384 MB ○ Print Resolution: 1200 x 1200 dpi 	No	1	2		
5	HP Scanjet Scanner	<p>Scanner Type:Flatbed color Image Scanner Connectivity: Hi-Speed USB 2.0 Resolution: 2400 dpi (100% Scaling) Scan Size: 8.5X11.7 inches (A4 and Letter) Scanning Mode/Formats: To PDF, To text file, To JPEG, To Bitmap Compatibility: Microsoft® Windows® XPand Higher versions, Linux/ UNIX (01-Year Warranty)</p>	No	1	2		
6	UPS FOR COMPUTERS FINE POWER 1KVA (1000VA) Line Interactive UPS	No need	0	0		0	

7	Laser Fax Machine (Standard office model)	Laser Fax Machine (Standard office model)	No	1	2		
9	PHOTOCOPIER MACHINE:	PHOTOCOPIER MACHINE: Speed: 22 CPM or Higher Built-in Duplex Built-in Duplex 512 MB or Higher Hard Disk: 100 GB or Higher Multiple Copying: Jan-99 Zooming: 25%-400% Paper Size: A3 (01-Year Warranty) &18 Months Free Service	No	1	2		
11	Calculator	heavy duty 16 digit	NO	2	4		
12	UPS FOR SERVER POWER 3KVA (3000VA) ONLINE UPS	UPS FOR SERVER POWER 3KVA (3000VA) ONLINE UPS Wave form type Pure Sine Wave on batteries Backup Time Backup time 30 Minutes on full load Battery Hot Swappable/User Replaceable Batteries Other Features: Automatic Battery Test, Network Shutdown software, SNMP Card Port Available Warranty 1-year Standard Warranty.	No	1	2		
13	Voltage Stabilizer for work stations (1000 VA): imported	Voltage Stabilizer for work stations (1000 VA): imported	No	25	50		

14	SOFTWARE	1. Microsoft windows 10 genuine with deep freeze 8.30 2. Microsoft office 2015 genuine 3. Antivirus: for server • Endpoint security protection systems, Anti-Malware, Security for heterogeneous IT environments Protection against the latest malware. Automatic monitoring of application behavior. Deeper levels of protection. Protection against hacker attacks, Host-based intrusion Prevention	No	01	02		
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ADP Scheme - 778

(Package - 5)

Mechatronics Technology.

COMPUTERS

S,No	Description of the machinery equipment	For one college Qty	For 2 college Qty	Unit Price (Both in Figures and words) Inclusive all taxes	Total Price (both in Figures and words) Inclusive all taxes
1	Computer latest core i3 or Higher	7	14		
2	Printer Latest HP 2100 or Higher	2	4		
3	Networking- Switch 24 Ports 2 GHz	2	4		
	Network CAT-6 Cable	1	2		
4	Multi Media - 2000 Lumens or higher with DLP	1	2		
5	Computer latest P-IV or better	3	6		
6	Different Tools and tool kits for three workshops	1	2		