

**ADP Scheme - 777 (100336)****(Package-2) LIST OF COMPUTER FOR GCT for Nowshera, Abbotabad, Kohat, Timargara**

S.No.	Name of Items	Specification / Revised	For one college Qty	For 4 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)	Server Machines Rack Mountable Server Machine Generation 9 Branded Server. Processor: 2 x Intel® Xeon® Processor E5-2620v3, (6012T, 15M Cache, 2,40 filz, urbo up rift) with 6 Cored or higher Chipset: Intel C600 Series Chipset Memory: 64 GB (4 X 16 G 41)x4 PC4-2133 DDR40 Internal Storage: 6 x 1TB 10K RPM NL-SAS 6Gbps 2.5in Hot-plug Hard Drive Drive Bays: 2.5" Chassis RAID Controller: 'Dedicated RAID controller smart array ,1 GB NV Cache. Network Controller: One RJ45 serial port connector and two Gigabit Ethernet LA.: R.1-45 Ports Optical Drive: DVD+/-RW ROM, SATA, Internal Power Supplies: Dual, Hot-plug, Redundant Power Supply (1+1),1100W Power Cords: 2 x Jumper Cord 12A 4M C 3/C14 Physical Specification: Rack Unit (slide Railing with all accessories) Ready rails sliding rails with cable management arm. Software Specification: Vmware	1	4		

support, Linux support and Microsoft  
support Antivirus for Server 2016:  
Kaspersky three years subscription  
Warranty: 3Years Basic Hardware  
Warranty Repair: 5x10 HW-Only, 5x10  
NBD Onsit Software: Genuine Microsoft  
Windows Server 2016 standard Edition

2	Workstation (Branded)	<p>Form Factor: Micro Tower</p> <p>Processor: Intel ®Core TMi7 479 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>Optionla Drive: 52XDVD +/-RW or Higher</p> <p>Networking: Intel Ehternet 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 lenght 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 - Melware,</p> <p>Security for heterogeneous IT enviroments</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.</p> <p>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</p>	25	50		
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on the network.  
Subscription: Minimum 3 years

3

Multimedia  
Projector.

Multimedia Projector  
0.9" LCOS (Liquid Crystal on Silicon) x 3  
Number of Pixels

1

4

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  
OperatingTemperatur  
32o - 95o f (0o- 35o C)  
Input Signals:  
VGA, SVGA, XGA,  
S-XGA,  
UXGA(Compressed),  
PAL, M-PAL, N-PAL,  
SECAM, S-Video,

		<p>HDTV (480i, 625l, 480p, 1080l, 720p, 1035l),</p> <p>HDMI</p> <p>Noise Level:</p> <p>32 dB (Whisper mode)</p> <p>36 dB (Standard mode)</p> <p>RGB input signal:</p> <p>Terminals:</p> <p>Digital RGB:</p> <p>DVI terminal x 1</p> <p>Standard RGB: D-sub 15-pin shrink terminal x 2</p> <p>Audio: Stereo mini jack x 2.</p> <p>USB Port: PC-free</p> <p>Slideshows feature with remote controller</p> <p>(To run Presentation without computer)</p>		
4	Laser Jet Printer	<p>LaserJet Network Printer:</p> <ul style="list-style-type: none"> <li>• Power supply: AC 220-240 V, 60Hz, 570 Watt, Internal.</li> <li>• Speed: Up to 35 ppm - B/W - letter A size (8.5 in x 11 in)</li> <li>• Interface: USB, Gigabit LAN</li> <li>• Language simulation: PCL 5C, PCL 6, Post script 3</li> <li>• 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)</li> <li>• Media Types: Bond paper, cards, envelopes, labels, plain paper, recycled paper, transparencies. <ul style="list-style-type: none"> <li>○ Print server - integrated</li> <li>○ Network / Transport Protocol</li> </ul> </li> </ul> <p>Protocols &amp; Features: : 802.1x SSL, TLS</p>	1	4

- Data Link Protocol: Ehterment, Gibabit Ethernet, Fast Ethernet.
- Compliant Standards: IEEE 802.1x
- Connectivity Technology: Wired
- Ram Installed Size: 128 MB,

5	HP Scanjet Scanner	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)	1	4		
6	UPS FOR COMPUTER S  FINE POWER 1KVA (1000VA)	No need	0	0		

	Line Interactive UPS					
7	Laser Fax Machine (Standard office model)	Laser Fax Machine (Standard office model)	1	4		
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	1	4		
11	Calculator	heavy duty 16 digit	2	8		
12	UPS FOR SERVER  POWER 3KVA (3000VA) ONLINE UPS	UPS FOR SERVER  POWER 3KVA (3000VA) ONLINE UPS  Pure Sine Wave on batteries	1	4		



		<p>Backup Time</p> <p>Backup time 30 Minutes on full load</p> <p>Battery</p> <p>Hot Swappable/User Replaceable Batteries</p> <p>Other Features:</p> <p>Automatic Battery Test, Network Shutdown software, SNMP Card Port Available</p> <p>Warranty</p> <p>1-year Standard Warranty.</p>				
13	Voltage Stabilizer for work stations (1000 KVA): imported	Voltage Stabilizer for work stations (2000 KVA): imported	25	50		
14	SOFTWARE	<p>1. Microsoft windows 10 genuine with deep freeze 8.30</p> <p>2. Microsoft office 2015 genuine</p> <p>3. Antivirus: for server</p> <ul style="list-style-type: none"> <li>• 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 system (HIPS) and personal firewall. Flexible tools control inbound and outbound traffic, Blocking attacks on your network With it Network Attack Blocker feature, detects and monitors suspicious activity on the network. Subscription: Minimum 3 years</li> </ul> <p>4. AutoCAD 2017</p> <p>5. Matlab 2017</p> <p>6. Mutlisim 2017</p>	01 EACH	4		