



Project Name	Name of Package	Locations
Project: "193183-Overcoming of staff/equipment deficiencies in Technical Institutes in FATA	Computers	1. GPI Miranshah 2. GPI Jalaka Mela Orakzai 3. Govt. Woolen Metal Center Miranshah
Project: Re-Construction of Woolen Metal Centre Miranshah District North		



**COMPUTERS FOR (03 Institutes) GPI MIRANSHAH NW, JALAKA MELA ORAKZAI, WOOLAN METAL CENTER
MIRANSHAH NW**

S. No.	Name of items	Qty x 3
1	Computer System. Processor: 10 th Generation Intel® Core™ i5-10400, 12 MB Cache, 6 Core, 12 Threads, 2.9 GHz to 4.3 GHz. Chipset: Intel B460 chipset or higher Memory: 8GB - DDR4, 2666MHz Hard Drive: 500GB+ 7200RPM 3.5" SATA HDD with 1 TB NVMe Support. Optical Drive: 9.5 mm Slimline DVD +/- RW Graphics Card: Intel® UHD Graphics 630 with shared graphics memory or higher Communication: Gigabit Ethernet controller 10/100/1000 (RJ45) Ports: 2 USB 2.0(front), 2 USB 3.2 Gen 1 Type-A (front), 1 HDMI, 1 VGA 2 USB 3.2 Gen 1 Type-A (rear), 2 USB 2.0(rear), 1 RJ-45 Ethernet Wireless: Intel® Wireless-AC 3165 802.11ac 1x1 + Bluetooth 4.2 or higher Keyboard: USB Keyboard and Mouse Display: 18.5" LED Warranty: 3-years Local Provision of Manufacturer / Distributor authorization letter in the name of supplier is mandatory.	20
2	Laser Jet Printer Latest. MULTIFUNCTIONAL PRINTERS Functions: PRINT/SCANNER/COPY/FAX PRINTER TECHNOLOGY: Laser CONNECTIVITY, STANDARD: 1 Hi-Speed USB 2.0, Fast Ethernet 10/100Base-TX MOBILE PRINTING CAPABILITY: Yes WIRELESS: Yes DISPLAY: 3.0-in (7.62-cm) touch screen CGD PRINT SPEED BLACK: Up to 22 PPM PRINT QUALITY: Up to 600 x 600 dpi (with HP Fast Res 1200)	1
4	Multimedia Projector with Screen & Remote. 3200 Lumens, DLP, 4000 Hrs Lamp Life, HDMI Input, SVGA (600 x 600) Resolution. OR LATESTMULTIMEDIA PROJECTORS Brightness: 3200 Lumen XGA Display System: 3 LCD system Size of effective display area: 0.63"(16mm) x 3, Aspect ratio: 4:3 Number of pixels: 2,359,296 (1024x768 x 3) Zoom: Optical: Manual (Approx. x 1.3) Focus: Manual Throw ratio: 1.37:1 to 1.80:1 Light source: Ultra high pressure mercury lamp 215 W type Lamp mode: High / Standard / Low: 3000 H / 5000 H / 10000 H Filter cleaning cycle*1 Max. 1000 Hours Display Screen size: 30" to 300" (0.76 m to 7.62 m) Lamp mode: High / Standard / Low: 3200 lm / 2300 lm / 2000 lm Contrast ratio (full white / full black)*3: 4000:1 Computer signal input: Maximum display resolution: UXGA 1600 x 1200 dots*4 Projector Screen: 8' x 10' Wall Mount with Ceiling Mount Kit complete with installation Wiring	1