



The Islamia University of Bahawalpur

Purchase Section  
Comparative Statement  
Purchase of: IT Items

Demanded By: Directorate of IT  
Meeting Held On: 12-11-2020

Comparative Statement signed on; \_\_\_\_\_

Sr.#	Name of Items	M/S Astrontech Lahore	M/S Jeelani Enterprises Multan	M/S ABM Data System Karachi
1.	<p><b><u>Computer micro form factor core i7</u></b> <b>Chassis:</b> MFF (Micro Form Factor) Chassis <b>Chipset:</b> Intel® Q470 Chipset <b>Processor:</b> 10th gen Intel® i7 10700T <b>Memory:</b> 8GB DDR4 2666/2933 MHz or more <b>Storage:</b> 256GB M.2 NV Me PCIe SSD, Intel Optane ready <b>Ports:</b> 1 x RJ-45 port 10/100/1000 Mbps (rear) 1 x USB 3.2 Gen1 Type-A port with Power Share (front) 1 x USB 3.2 Gen2 Type-C port (front) 3 x USB 3.2 Gen1 Type-A ports (rear) 1 x USB 3.2 Gen1 Type-A port with Smart Power on (rear) 1 x Universal Audio Jack (front) 1 x Line-out port (front) 2 x DisplayPort 1.4 ports (rear) 1 x VGA Port/DisplayPort 1.4 Port/HDMI 2.0b Port/ USB 3.2 Gen2 Type-C Port with Alt-mode (optional) <b>Security:</b> TPM 2.0, standard security lock slot <b>Wireless Card:</b> Intel® Wi-Fi 6 AX201 2x2 (Gig+) + Bluetooth <b>Keyboard Mouse:</b> Standard, Included <b>Power Adapter:</b> Compatible or 90W 4.5mm <b>Weight:</b> 1.16kg <b>Dimensions:</b> Front Height: 7.16inch Rear Height: 7.16inch, Width Height: 1.42inch <b>Ecosystem:</b> Cable Covers, Micro VESA Mount for LCD, Micro Vertical Stand <b>Warranty:</b> 3 Years Standard <b><u>LED Monitor 22":</u></b> <b>Maximum Preset Resolution:</b> 1920 x 1080 at 60 Hz <b>Aspect Ratio:</b> 16:9 <b>Pixel Pitch:</b> 0.248 mm x 0.248 mm, Pixel/ Inch (PPI) : 102 <b>Brightness:</b> 250 cd/m² (typical) <b>Color Support:</b> Color gamut (typical): 83% (CIE1976) 72% (CIE1931) Color depth: 16.7 Million <b>Contrast Ratio:</b> 1000:1 (typical) <b>Viewing Angle:</b> 160°/170° Display Screen Coating: Anti-Glare <b>Connectors:</b> 1 X VGA 1 X DisplayPort 1.2 <b>HDCP Support:</b> DisplayPort HDCP 1.2 <b>Security:</b> Security lock slot (cable lock sold separately) <b>Cables:</b> Power cables 1 X DP Cable (DP to DP) 1 X VGA Cable (EMEA and Japan only) 1 X VESA screw cover <b>Dimensions (with stand)</b> <b>Height</b> 399.30 mm (15.64 inches), <b>Width</b> 512.2 mm (20.17 inches), <b>Depth</b> 171.0 mm (6.73 inches) <b>Warranty:</b> 3 Years Advanced Exchange Service and Limited Hardware Warranty <b>Region:</b> Malaysia/China/ Singapore</p>	130291/- \$717	131330/-	---
2	<p><b><u>Computer micro form factor core i5</u></b> <b>Chassis:</b> MFF Chassis (Micro Form Factor) 7.2x1.4x7.0 Inch / 183x36x178mm <b>Chipset:</b> Intel® B460 Chipset <b>Processor:</b> 10th Gen Intel® Ci5 10500T <b>Memory:</b> 8GB 2666 MHz DDR4 or more <b>Storage:</b> 256GB M.2 NVme PCIe SSD, 1 x 2.5" HDD Bay <b>Video Ports:</b> DP/HDMI and optional VGA, HDMI 2.0b <b>Additional ports:</b> RJ-45, Serial/PS2 (optional), Serial (optional on Micro), UAJ headphone, line out. Add-in cards: USB Type-C 3.2 PCIe, USB Type-A 3.2 Gen 2 PCIe <b>USB:</b> 6 External USB: 4 x 3.2 Gen 1 (2 front/2 rear) and 2 x 2.0 (2 rear) <b>Graphics:</b> Intel® Integrated graphics 610/630 <b>LAN:</b> Ethernet LAN 10/100/1000 <b>Security:</b> TPM 2.0, standard security lock slot, padlock loop, Intrusion switch, SED hard drive, Cable Covers Micro <b>Wi-Fi:</b> Intel® Wi-Fi 6 AX201 2x2 (Gig+) + Bluetooth 5.0 <b>Power Supply:</b> Micro: 65W external adapter with 87% minimum average efficiency <b>Ecosystem:</b> VESA mount bracket through which Micro PC to be mounted to back of Monitors. <b>Systems Management:</b> In-band manageability <b><u>LED Monitor 22":</u></b> <b>Maximum Preset Resolution:</b> 1920 x 1080 at 60 Hz <b>Aspect Ratio:</b> 16:9 <b>Pixel Pitch:</b> 0.248 mm x 0.248 mm Pixel Per Inch (PPI): 102 <b>Brightness:</b> 250 cd/m² (typical) <b>Color Support:</b> Color gamut (typical): 83% (CIE1976) 72% (CIE1931) Color depth: 16.7 Million</p>	99999/- \$550	99990/-	---

	<p><b>Contrast Ratio:</b> 1000:1 (typical) <b>Viewing Angle:</b> 160°/170° Display Screen Coating: Anti-Glare <b>Connectors:</b> 1 X VGA 1 X DisplayPort 1.2 <b>HDCP Support:</b> DisplayPort HDCP 1.2 <b>Security:</b> Security lock slot (cable lock sold separately) <b>Cables:</b> Power cables 1 X DP Cable (DP to DP) 1 X VGA Cable (EMEA and Japan only) 1 X VESA screw cover <b>Dimensions (with stand)</b> <b>Height</b> 399.30 mm (15.64 inches), <b>Width</b> 512.2 mm (20.17 inches), <b>Depth</b> 171.0 mm (6.73 inches) <b>Warranty:</b> 3 Years Advanced Exchange Service and Limited Hardware Warranty <b>Region:</b> Malaysia/China/ Singapore</p>			
3	<p><b><u>Computer micro form factor core i3</u></b> <b>Chassis:</b> MFF Chassis (Micro Form Factor) Dimension: 7.2x1.4x7.0 Inch / 183x36x178mm <b>Chipset:</b> Intel® B460 Chipset <b>Processor:</b> 10th Gen Intel® Ci3 10100T <b>Memory:</b> 8GB 2666 Mhz DDR4 or more <b>Storage:</b> 256GB M.2 NVme PCIe SSD, 1 x 2.5" HDD Bay <b>Video Ports:</b> DP/HDMI and optional VGA, HDMI 2.0b <b>Additional ports:</b> RJ-45, Serial/PS2 (optional), Serial (optional on Micro), UAJ headphone, line out. Add-in cards: USB Type-C 3.2 PCIe, USB Type-A 3.2 Gen 2 PCIe <b>USB:</b> Micro 6 External USB: 4 x 3.2 Gen 1 (2 front/2 rear) and 2 x 2.0 (2 rear) <b>Graphics:</b> Intel® Integrated graphics 610/630 <b>LAN:</b> Ethernet LAN 10/100/1000 <b>Security:</b> TPM 2.0, standard security lock slot, padlock loop, Intrusion switch, SED hard drive, Cable Covers Micro <b>Wi-Fi:</b> Intel® Wi-Fi 6 AX201 2x2 (Gig+) + Bluetooth 5.0 <b>Power Supply:</b> Micro: 65W external adapter with 87% minimum average efficiency <b>Ecosystem:</b> VESA mount bracket through which Micro PC to be mounted to back of Monitors. <b>Systems Management:</b> In-band manageability <b>Warranty:</b> 3 years <b><u>LED Monitor 22”:</u></b> <b>Maximum Preset Resolution:</b> 1920 x 1080 at 60 Hz <b>Aspect Ratio:</b> 16:9 <b>Pixel Pitch:</b> 0.248 mm x 0.248 mm Pixel Per Inch (PPI) : 102 <b>Brightness:</b> 250 cd/m² (typical) <b>Color Support:</b> Color gamut (typical): 83% (CIE1976) 72% (CIE1931) Color depth: 16.7 Million <b>Contrast Ratio:</b> 1000:1 (typical) <b>Viewing Angle:</b> 160°/170° Display Screen Coating: Anti-Glare <b>Connectors:</b> 1 X VGA 1 X DisplayPort 1.2 <b>HDCP Support:</b> DisplayPort HDCP 1.2 <b>Security:</b> Security lock slot (cable lock sold separately) <b>Cables:</b> Power cables 1 X DP Cable (DP to DP) 1 X VGA Cable (EMEA and Japan only) 1 X VESA screw cover <b>Dimensions (with stand)</b> <b>Height</b> 399.30 mm (15.64 inches), <b>Width</b> 512.2 mm (20.17 inches), <b>Depth</b> 171.0 mm (6.73 inches) <b>Warranty:</b> 3 Years Advanced Exchange Service and Limited Hardware Warranty <b>Region:</b> Malaysia/China/ Singapore</p>	84773/- \$465	87330/-	---
4	<p><b><u>Laptop Core™ i3</u></b> <b>Processor:</b> 10th gen Intel ® Core™ i3, 10110U <b>Memory:</b> 8GB DDR4 2666Mhz or more <b>Storage:</b> M.2 256 GB PCIe NVMe Class 35 SSD <b>Display:</b> 15.6", 16:9, HD (1366x768), Anti-Glare <b>Graphics:</b> Intel Integrated Graphics <b>Wireless:</b> Intel® Wi-Fi 6 AX201+Bluetooth <b>Security:</b> TPM 2.0, FIPS 140-2 Certified, TCG Certified <b>Input:</b> Single Pointing Spill Resistant Backlit Keyboard with Num Pad <b>Battery:</b> 50 Whr or above Express Charge Capable <b>Power:</b> Adapter 65W adapter 4.5mm barrel <b>Ports:</b> •1x USB Type C™ 3.1 Gen 1 w/ Power Delivery •2x USB 3.1 Gen 1 (one with Power Share) •1x USB 2.0 •1x HDMI 1.4 •1x Flip-Down RJ-45 w/ status LED •1x Micro SD Card Reader 3.0 •1x Universal Audio Jack •1x Optional Touch Fingerprint Reader in Power Button • Wedge-shaped Lock Slot • 4.5mm adapter port w/ status LED <b>Bag:</b> 1 Branded Bag <b>Dimensions:</b> Front Height: 17.97 mm (0.71"), Width: 361.40 mm (14.23") Depth: 247.85 mm (9.76"), Weight: 1.9 kg (4.2 lbs.) <b>Warranty:</b> 3 Years Advanced Exchange Service and Limited Hardware Warranty <b>Region:</b> Malaysia/China/ Singapore</p>	97718/- \$537	100330/-	---

5	<p><b>Laptop Core™ i5</b> <b>Processor:</b> 10th gen Intel® Core™ i5, 10210U <b>Memory:</b> 8GB DDR4 2666Mhz or more <b>Storage:</b> M.2 256 GB PCIe NV Me SSD <b>Display:</b> 15.6", 16:9, HD (1366x768), Anti-Glare <b>Graphics:</b> Intel Integrated Graphics &amp; Nvidia MX230 GDDR5 2GB Discrete graphic <b>Wireless:</b> Intel® Wi-Fi 6 AX201+Bluetooth <b>Security:</b> TPM 2.0, FIPS 140-2 Certified, TCG Certified <b>Input:</b> Single Pointing Spill Resistant Backlit Keyboard with Num Pad <b>Battery:</b> 50 Whr or above Express Charge Capable <b>Power:</b> Adapter 65W adapter 4.5mm barrel <b>Ports:</b> •1x USB Type C™ 3.1 Gen 1 w/ Power Delivery •2x USB 3.1 Gen 1 (one with Power Share) •1x USB 2.0 •1x HDMI 1.4 •1x Flip-Down RJ-45 w/ status LED •1x Micro SD Card Reader 3.0 •1x Universal Audio Jack •1x Optional Touch Fingerprint Reader in Power Button • Wedge-shaped Lock Slot • 4.5mm adapter port w/ status LED Bag: 1 Branded Bag <b>Dimensions:</b> Front Height: 17.97 mm (0.71") Width: 361.40 mm (14.23") Depth: 247.85 mm (9.76") <b>Weight:</b> 1.9 kg (4.2 lbs.) <b>Warranty:</b> 3 Years Advanced Exchange Service and Limited Hardware Warranty <b>Region:</b> Malaysia/China/ Singapore</p>	122147/- \$672	128330/-	---
6	<p><b>Multimedia Projector</b> <b>Display System:</b> 3 LCD System <b>LCD Panel:</b> 0.55 inch with MLA (D10) <b>Color Light:</b> Output 3,500 lumen- 2,230 lumen (economy) <b>Resolution:</b> XGA, 1024 x 768, 4:3 <b>Contrast Ratio:</b> 15,000 : 1 <b>Lamp:</b> UHE, 210 W, 6,000 h durability, 12,000 h durability (economy mode) <b>Color Reproduction:</b> Up to 1.07 billion colors <b>Aspect Ratio:</b> 4:3 <b>Projection Ratio:</b> 1.48 - 1.77:1 <b>USB Display Function:</b> 3 in 1: Image / Mouse / Sound <b>Interfaces:</b> USB 2.0 Type A, USB 2.0 Type B, RS-232C, Wireless LAN IEEE 802.11b/g/n (optional), VGA in (2x), VGA out, HDM <b>Energy Use:</b> 309 W, 227 W (economy), 0.2 W (standby) <b>Product dimensions:</b> 302 x 249 x 92 mm (Width x Depth x Height) <b>Warranty:</b> 36 months <b>Region:</b> Malaysia/China/ Singapore</p>	---	----	135000/-
7	<p><b>Computer micro form factor core i5</b> <b>Chassis:</b> MFF Chassis (Micro Form Factor) 7.2x1.4x7.0 Inch / 183x36x178mm <b>Chipset:</b> Intel® B460 Chipset <b>Processor:</b> 10th Gen Intel® Ci5 10500T <b>Memory:</b> 8GB 2666 MHz DDR4 or more <b>Storage:</b> 256GB M.2 NVme PCIe SSD, 1 x 2.5" HDD Bay <b>Video Ports:</b> DP/HDMI and optional VGA, HDMI 2.0b <b>Additional ports:</b> RJ-45, Serial/PS2 (optional), Serial (optional on Micro), UAJ headphone, line out. Add-in cards: USB Type-C 3.2 PCIe, USB Type-A 3.2 Gen 2 PCIe <b>USB:</b> 6 External USB: 4 x 3.2 Gen 1 (2 front/2 rear) and 2 x 2.0 (2 rear) <b>Graphics:</b> Intel® Integrated graphics 610/630 <b>LAN:</b> Ethernet LAN 10/100/1000 <b>Security:</b> TPM 2.0, standard security lock slot, padlock loop, Intrusion switch, SED hard drive, Cable Covers Micro <b>Wi-Fi:</b> Intel® Wi-Fi 6 AX201 2x2 (Gig+) + Bluetooth 5.0 <b>Power Supply:</b> Micro: 65W external adapter with 87% minimum average efficiency <b>Ecosystem:</b> VESA mount bracket through which Micro PC to be mounted to back of Monitors. <b>Systems Management:</b> In-band manageability <b>LED Monitor 22":</b> <b>Maximum Preset Resolution:</b> 1920 x 1080 at 60 Hz <b>Aspect Ratio:</b> 16:9 <b>Pixel Pitch:</b> 0.248 mm x 0.248 mm Pixel Per Inch (PPI): 102 <b>Brightness:</b> 250 cd/m² (typical) <b>Color Support:</b> Color gamut (typical): 83% (CIE1976) 72% (CIE1931) Color depth: 16.7 Million <b>Contrast Ratio:</b> 1000:1 (typical) <b>Viewing Angle:</b> 160°/170° Display Screen Coating: Anti-Glare <b>Connectors:</b> 1 X VGA 1 X DisplayPort 1.2 <b>HDCP Support:</b> DisplayPort HDCP 1.2 <b>Security:</b> Security lock slot (cable lock sold separately) <b>Cables:</b> Power cables 1 X DP Cable (DP to DP) 1 X VGA Cable (EMEA and Japan only) 1 X VESA screw cover <b>Dimensions (with stand)</b> <b>Height</b> 399.30 mm (15.64 inches), <b>Width</b> 512.2 mm (20.17 inches), <b>Depth</b> 171.0 mm (6.73 inches) <b>Warranty:</b> 3 Years Advanced Exchange Service and Limited Hardware Warranty <b>Region:</b> Malaysia/China/ Singapore</p>	99999/- \$550	99990/-	---

**Findings.**

Three bids of IT Items were received. **M/S Astrontech Pvt, Ltd Lahore , M/S Jeelani Enterprises Multan and M/S ABM Data Systems Karachi** quoted the lowest rates.

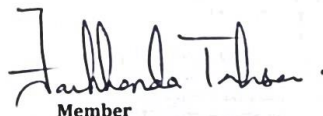
**Recommendations of the Purchase Committee**


The Purchase Committee after analyzing the statement showing the lowest rates, findings and recommended to issue supply order in the favour of **M/S Astrontech Pvt, Ltd Lahore , M/S Jeelani Enterprises Multan and M/S ABM Data Systems Karachi** for above said items through Treasurer's Office


**Chairman**  
Dr. Muhammad Iqbal  
Chairman, Plant & Breeding Deptt.  
UCA&ES

  
**Member**  
Dr. Abou Bakar  
Treasurer


  
**Co-opted Member**  
Mr. Rizwan Majeed  
Director IT

  
**Member**  
MS. Farkhanda Tahseen  
PO (EC&SM)

  
**Member**  
Mr. Aurang Zeb  
Dy. Director (IT)

  
**Member**  
Mr. Malik Imran Bhutta  
Dy. Registrar (Affiliation)

**Co-opted Member**  
Mr. Tariq Mehmood Shaikh  
Deputy Treasurer (P)

  
**Member/Secretary**  
Mr. Tahir Mahmood  
Assistant Treasurer (P)



# The Islamia University of Bahawalpur

Purchase Section

Comparative Statement

Purchase of: Networking Items

Demanded By: Directorate of IT

Meeting Held On: 12-11-2020

Comparative Statement signed on; \_\_\_\_\_

Sr.#	Name of Items		M/S Silicon Karachi	M/S Vital International Lahore	M/S Mansha Brother Lahore	M/S GCS Lahore	M/S Al-Fateh Group RY Khan
1	UPS	UPS/ Solor Inverter 1000 Watts With Battery Bank & Two hour backup on full Load	128454.30/-	46946/-	46020/-	358542/-	52260/-
2	UPS	UPS/ Solor Inverter 3000 Watts With Battery Bank & Two hour backup on full Load	309972.78/-	151223/-	116820/-	400724/-	132660/-
3	UPS	UPS/ Solor Inverter 5000 Watts With Battery Bank & Two hour backup on full Load	597706.20/-	216743/-	189980/-	714272/-	215740/-
4	Wall Mount Rack 6U	Easy wall mount rack with double lock & key, cooling fans with on/off button, with front & back door open, cable entry on top & bottom cover, front toughened glass door,	19305/-	8483/-	8260/-	7439/-	9380/-
5	Wall Mount Rack 9U	Easy wall mount rack with double lock & key, cooling fans with on/off button, with front & back door open, cable entry on top & bottom cover, front toughened glass door,	22230/-	9506/-	8850/-	9298/-	10050/-
6	UPT Cat-6A	Cat-6A 10 Giga Supported LSZH 23 AWG (Box) Red=2500, Yellow=2500, Orange=2500, Black=2500	34398/-	35831/-	44987.50/-	---	50400/-
7	UTP Cable Manager 48	48 wire organizer, Cambridge Cable Manager with front cover	2530.89/-	6435/-	4460.40/-	---	5628/-
8	UTP Cable Manager 24	24 wire organizer, Cambridge Cable Manager with front cover	1795.95/-	3218/-	2230.20/-	2503/-	2948/-
9	UTP Patch Panel	48 port UTP Patch Panel with Cat-6 I/O	12109.50/-	32175/-	38940/-	48494/-	44220/-
10	UTP Patch Panel	24 port UTP Patch Panel with Cat-6 I/O	5850/-	16088/-	21240/-	26750/-	24120/-
11	Patch Cord	1 Meter UTP Cat-6 Patch Cord with 10 Giga Supported	228.15/-	585/-	848.42/-	787	1032/-
12	Patch Cord	3 Meter UTP Cat-6 Patch Cord with 10 Giga Supported	494.91/-	731/-	1298/-	930/-	1608/-
13	Patch Cord	5 Meter UTP Cat-6 Patch Cord with 10 Giga Supported	2530.89/-	878/-	1734.60/-	1073/-	2144/-
14	Patch Cord	10 Meter UTP Cat-6 Patch Cord with 10 Giga Supported	4499.35/-	1170/-	3221.40/-	---	3886/-
15	Duct Patti (40x40)	Adamjee/Dura Duct 40x40 (Feet), Highly durable, will not crack, highest level of quality & safety	94.21/-	70/-	244.26/-	102/-	---
16	Duct Patti (16x25)	Adamjee/Dura Duct 40x40 (Feet), Highly durable, will not crack, highest level of quality & safety	44.99/-	33/-	71.98/-	49/-	---
17	Face Plate	Single Faceplate with 2 port of Cat-6 UTP I/O Jack Tool less & back box	737.10/-	269/-	1475/-	---	1675/-
18	RJ-45 Connector	RJ-45 Connector for cat-6 UTP cable (Box)	2223/-	20475/-	2950/-	2146/-	3350/-
19	Flexible Pipe	Flexible Pipe Plastic size 1 1/2" (Meter)	70.30/-	126/-	20.6/-	26/-	34/-
20	Screw with Rawal Plug	1 1/2" 8-no, with Rawal plug	5.62/-	2/-	3.54/-	---	27/-
21	Fiber Optic Cable	08 Core SM OS2, LSZH, 10GBase, Loose Tube, Gel-Free, All-Dielectric Cable with Fast Access, Waterproof, Indoor/Outdoor/Arial Cable (Meter)	175.50/-	49/-	186.44/-	155/-	224/-
22	Fiber Optic Cable	12 Core SM OS2, LSZH, 10GBase, Loose Tube, Gel-Free, All-Dielectric Cable with Fast Access, Waterproof, Indoor/Outdoor/Arial Cable (Meter)	183.69/-	54/-	218.30/-	204/-	264/-
23	Fiber Optic Cable	24 Core SM OS2, LSZH, 10GBase, Loose Tube, Gel-Free, All-Dielectric Cable with Fast Access, Waterproof,	219.96/-	152/-	253.70/-	225/-	308/-

		Indoor/Outdoor/Arial Cable (Meter)					
24	Fiber Optic Cable	48 Core SM OS2, LSZH, 10GBase, Loose Tube, Gel-Free, All-Dielectric Cable with Fast Access, Waterproof, Indoor/Outdoor/Arial Cable (Meter)	274.95/-	240/-	330.40/-	274/-	415/-
25	Fiber Optic Cable	96 Core SM OS2, LSZH, 10GBase, Loose Tube, Gel-Free, All-Dielectric Cable with Fast Access, Waterproof, Indoor/Outdoor/Arial Cable (Meter)	438.75/-	357/-	578.20/-	422/-	690/-
26	Fiber Optic Cable	144 Core SM OS2, LSZH, 10GBase, Loose Tube, Gel-Free, All-Dielectric Cable with Fast Access, Waterproof, Indoor/Outdoor/Arial Cable (Meter)	649.35/-	474/-	693.84/-	598/-	831/-
27	PVC Pipe	PVC pipe for optical fiber 12 core (Meter)	210.91/-	263/-	60.18/-	205/-	134/-
28	Optical distribution frame	Rack Mount 04-06 port ODF pre-installed LC/UPC pigtails and SM duplex adapters	10062/-	5850/-	28497/-	1717/-	33500/-
29	Optical distribution frame	Rack Mount 24-port ODF pre-installed LC/UPC pigtails and SM duplex adapters with Multiple Fiber IN.	22990.50/-	14625/-	70800/-	6866/-	85760/-
30	Fiber Patch Cord	LC to LC 10 Giga Fiber Patch Cord (1 meter)	1538.55/-	585/-	1486.80/-	---	2010/-
31	Fiber Patch Cord	LC to LC 10 Giga Fiber Patch Cord (3 meter)	1649.70/-	731/-	1610.70/-	4292/-	2144/-
32	Fiber Patch Cord	LC to LC 10 Giga Fiber Patch Cord (6 meter)	1924.65/-	801/-	2106.30/-	5293/-	2680/-
33	Fiber Patch Cord	LC to LC 10 Giga Fiber Patch Cord (10 meter)	2199.60/-	1024/-	2230.20/-	8297/-	3082/-
34	Joint kits	24 Core Joint Kit Fiber Optic Splice Enclosures, quantity 3 in 3 out (6 fibers)	4921.17/-	4095/-	4130/-	2861/-	4690/-
35	Caution Tape	Optical Fiber Caution Tape (meter)	16.87/-	7/-	20.6/-	26/-	28/-
36	Land Marks	Optical Fiber Concrete Land Marks	2109.7/-	731/-	885/-	1860/-	1206/-
37	IP Camera	Dahua, 1/3" 4Megapixel progressive CMOS, H.265 & H.264 dual-stream encoding, 20fps@4M(2688×1520) &25/30fps@3M(2304×1296), WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC, Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS, 2.8 mm fixed lens (3.6 mm optional), Max IR LEDs Length 30m, IP67, PoE	6786/-	6891/-	8850/-	---	7638/-
38	IP Camera	Dahua, 4MP Varifocal Lens Day/Night bullet Camera 4MP (2560 × 1440)@25/30 fps, max. supports, 4MP (2688 × 1520)@20 fps, max IR distance: 50 m, SMART H.264/H.265,WDR, 3D DNR, HLC, BLC, Intelligent detection: Intrusion, tripwire, Max. 256 GB SD card, 12V DC/POE power support, IP67 protection	12051/-	15187/-	14750/-	---	---
39	IP PTZ Camera	Dahua 30x optical zoom, H.265, IVS, Auto-tracking, IR Distance up to 100m, - 40°C~ 70°C wide temperature range, IP66, POE+	70200/-	73359/-	88500/-	102967/-	77720/-
40	NVR	512Mbps input, 24ch 1080P decoding, max 256 IPC input, H.265&H.264, 16 HDD, 1 VGA&3 HDMI, 4 RJ45, 4 USB (2x USB3.0), 2 SAS3.0, RAID0/1/5/6/10, LCD Screen, redundant power	498420/-	579150/-	944000/-	---	---
41	NVR	320Mbps input, 16ch 1080P decoding, max 64 IPC input, H.265+&H.264+, 8 HDD, 2 VGA&2 HDMI, 2 RJ45(1000M), 4 USB (2x USB3.0), 1 eSATA, Smart 2.0, fisheye dewarp, face detection, ANPR, POS, P2P	64759.50/-	83655/-	76700/-	---	---
42	NVR	320Mbps input, 16ch 1080P decoding, max 32 IPC input, H.265+&H.264+, 8 HDD, 2 VGA&2 HDMI, 2	53644.50/-	71955/-	59000/-	---	---

		RJ45(1000M), 4 USB (2x USB3.0), 1 eSATA, Smart 2.0, fisheye dewarp, face detection, ANPR, POS, P2P					
43	NVR	16ch 1080P decoding, H.265+&H.264+, 2 HDD, VGA & HDMI, RJ-45, USB,	23751/-	18135/-	17110/-	17893/-	20100/-
44	Hard Drive	Surveillance Grade Hard Drive 8TB	34515/-	41828/-	38940/-	50051/-	34245.47/-
45	PoE Switch	8 port All PoE Switch	5850/-	6728/-	8850/-	10803/-	7370/-
46	PoE Switch	16 port All PoE Switch	25740/-	26033/-	24780/-	31059/-	27336/-
47	Access Point	Access Point 802.11a/b/g/n/ac Wave2 wireless, Gigabit LAN (supports PoE), 2 x internal dual-band 3dBi omni antennas, 2.4 GHz band, 5 GHz band	15034.50/-	---	16520/-	26681/-	18760/-
48	VOIP Phone	Protocols/Standards SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (Arecord, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDPMED, LDAP, TR-069, 802.1x, TLS, SRTP, CDP/SNMP/RTCP-XR Network Interfaces Dual switched auto-sensing 10/100 Mbps Ethernet ports, integrated PoE Graphic Display 132 x 48 (2.95'') LCD display Feature Keys2 line keys with dual-color LED and 1 SIP account	8307/-	---	7198/-	11444/-	8147/-
49	RFID/MIFARE Card	125kHz EM or 13.56Mhz MIFARE, MIFARE Plus, DESFire EV1/EV21), FeliCa	42.18/-	439/-	35.40/- 42/-	49/-	40/-
50	RFID/PVC Card Printer	Professional level dual sided card printer HDP5000	492116.63/-	453375/-	415000/-	---	548730/-
51	Color Ribbon for Printer	Color Ribbon for 500 images/sides part no 084051	18981.64/-	17550/-	15930/-	---	21165/-
52	Film for Card Printer	Re-Transfer film for 1500 images/sides part no 084053	16169.55/-	14625/-	13570/-	----	18030/-
53	RFID/PVC Card Printer	Slandered Level SMART 51D dual sided card printer	253088.55/-	263250/-	212400/-	----	282204/-
54	Color Ribbon for Printer	Ribbon YMCK for 250 images/sides	11248.38/-	11700/-	9440/-	---	12542/-
55	Film for Card Printer	HPF Security Film 250 Sides	---	24131/-	13570/-	---	18030/-
56	Bio Metric Machine	User Input 1:1 500,000, 1:N 100,000, 1:150,000 Match in 1 Second, IK09 Vandal-proof, IP67, Dust & Water Proof, Dual Frequency, Multi-Smartcard Reader, Live Finger Detection Technology, Power over Ethernet, 125kHz EM & 13.56Mhz MIFARE, MIFARE Plus, DESFire EV1/EV21), FeliCa, NFC, 1.2 GHz Quad Core CPU, 2GB Flash + 256 MB RAM, Multiple colors LED, Multi-tone Buzzer,	100532.40/-	204750/-	82600/-	102710/-	109746/-
57	Leader	Aluminum Light Weight Leader 10 Feet	15466.52/-	11700/-	11800/-	13590/-	8710/-
58	Leader	Aluminum Light Weight Leader 6 Feet	11248.38/-	8775/-	5310/-	7868/-	6298/-
59	Screw Driver Set	6 PC all size Screw Driver set Imported	1687.26/-	2925/-	2100/-	1431/-	1232/-
60	Hammer	Hammer with nail puller	773.33/-	363/-	1280/-	858/-	495/-
61	Hammer	Hammer Small Size	773.33/-	351/-	945/-	572/-	442/-
62	Hammer	Hammer Large Size	984.23/-	538/-	1280/-	1144/-	884/-
63	Fiber Cutter	12mm Fiber Cutter	16169.55/-	7313/-	10620/-	---	12060/-
64	PDU	Vertical Type, 12-16 Power Sockets (IEC C14 to C13), 6-8 KW Power Capacity, 1-Phase (L-N), Input plug Type: iec 230v/32a 2p+e 6hr,	49140/-	2808/-	10000/-	54359/-	---
65	Power Cord for Server	Heavy Duty PDU Power Cord, C14 to C13 - 15A, 250V, 14 AWG, 10 ft.	309.33/-	731/-	1800/-	1431/-	---
66	Outdoor Fiber Distribution Cabinets	144 Fiber Capacity GEN III Series Outdoor Cabinets,	295269.98/-	51188/-	82600/-	---	---

**Findings.**

Five bids of Networking Items were received. **M/S Silicon Technology Karachi, M/S Vital International Lahore, M/S Mansha Brothers Lahore, M/S GCS Lahore and M/S Al- Fateh Group RY Khan** quoted the lowest rates.

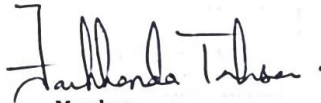
**Recommendations of the Purchase Committee**


The Purchase Committee after analyzing the statement showing the lowest rates, findings and recommended to issue supply order in the favour of **M/S Silicon Technology Karachi, M/S Vital International Lahore, M/S Mansha Brothers Lahore, M/S GCS Lahore and M/S Al- Fateh Group RY Khan**, for above said items through Treasurer's Office


**Chairman**  
Dr. Muhammad Iqbal  
Chairman, Plant & Breeding Deptt.  
UCA&ES

  
**Member**  
Dr. Abou Bakar  
Treasurer

  
**Co-opted Member**  
Mr. Rizwan Majeed  
Director IT

  
**Member**  
MS. Farkhanda Tahseen  
PO (EC&SM)

  
**Member**  
Mr. Aurang Zeb  
Dy. Director (IT)

  
**Member**  
Mr. Malik Imran Bhutta  
Dy. Registrar (Affiliation)

**Co-opted Member**  
Mr. Tariq Mehmood Shaikh  
Deputy Treasurer (P)

  
**Member/Secretary**  
Mr. Tahir Mahmood  
Assistant Treasurer (P)





# The Islamia University of Bahawalpur

Purchase Section  
Comparative Statement  
Purchase of: Misc Items  
Demanded By: Directorate of IT  
Meeting Held On: 12-11-2020

Comparative Statement signed on; \_\_\_\_\_

Sr.#	Name of Items	M/S Shirazi Trading Multan	M/S Al-Fateh Group RY Khan
1	ATX/Standard Power Supply 24pin (500-watt min)	---	12060/-
2	Soldering Wire (100 g) 60/40 + paste	---	536/-
3	Crimping Tool for 4-wire RJ11, 6-wire RJ12 and 8-wire RJ45 modular plugs, Strips flat modular and round network cable, such as Cat5e and Cat6, Single blade, Sturdy construction designed to last a long time, Easy-grip handle	---	2144/-
4	Black & Decker Electric Blower - Ktx5000 Blower Type: Air Blower Air Volume : 3.5m / min Voltage: 220V Power: 600W No Load Speed: 16000 rpm Cord Length: 3 Meters	---	8643/-
5	Connector RJ-45 Box (100 connectors) Copper Pin	---	2948/-
6	LAN Cable Tester 4-in-1 Remote Network Cable Wire Tester by UNI-T - Detector for RJ-45 RJ-11 USB BNC LAN Cable with Easily Visible LED Screen Displays Connection.	---	1474/-
7	Sheet-feed Scanner Color Scanning Yes Scan Technology CMOS CIS Scan Type Sheetfed Scan Resolution Hardware: Up to 600 dpi (color and mono, Sheet-feed); Optical: Up to 600 dpi (color and mono, Sheet-feed) Scan File Format For text & images: PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf) and Searchable PDF Scan Input Modes One default scan mode on front-panel for HP scan in Win OS, HP Easy Scan/ICA in Mac OS and third parties applications via TWAIN, ISIS and WIA Scan Speed Up to 35 ppm/70 ipm Scan Size Maximum ADF: 8.5 x 122 in Scanner Advanced Features Auto-color detect, auto-crop, auto-exposure, auto orient, OCR, edge removal, background cleanup, remove hole, color drop out, straighten the page, scan to cloud, scan to email, PDF security, misfeed detection advance setting Auto Document Feeder Capacity 50 sheets of Xerox 4024 75 g/m <sup>2</sup> paper Output Resolution Dpi Settings 75; 150; 200; 240; 300; 400; 500; 600 ppi Twain Version TWAIN version 2.1 Bit depth / Grayscale levels 24-bits external 48-bits internal; 256 Connectivity Standard: USB 2.0 and USB 3.0 (SuperSpeed); Optional: USB 2.0 port for Wi-Fi accessory External I/O Ports 1 x USB 3.0 and 1 x USB 2.0 port Memory Standard: 512 MB Processor Speed 550 MHz Duty Cycle (daily) Recommended for 3,500 pages Media Types Cut Sheet Paper, Printed Paper (Laser and ink), Pre-Punched Paper, Bank Checks, Business Cards, Freight Bills, Carbonless forms, Previously stapled media with staple removed Media Weights 10.7 to 110 lb Media Sizes U.S.-Letter: 215.9 x 279.4 mm (8.5 x 11 in); U.S.-Legal: 215.9 x 355.6 mm (8.5 x 14 in); U.S.-Executive: 184.2 x 266.7 mm (7.25 x 10.5 in); ISO A4: 210 x 297 mm (8.3 x 11.7 in); JIS B5: 182 x 257 mm (7.2 x 10.1 in); ISO B5: 176 x 250 mm (7.0 x 9.9 in); ISO A5: 148 x 210 mm (5.8 x 8.3 in); ISO A6: 105 x 148 mm (5.8 x 4.1 in); ISO A7: 74 x 104 mm (2.9 x 4.1 in); ISO A8: 52 x 74 mm (2.0 x 2.9 in) What's in the box L2753A Sheet-feed Scanner engine; Installation guide. Support flyer; Warranty guide; 2CDs; Power cord; USB cable; Power Adapter Product Dimensions W x D x H: 12.20 x 7.79 x 7.48 in; Maximum: 13.46 x 12.20 x 12.56 in Product Weight 7.5 lb Warranty Features One-year bench limited warranty whole unit replacement, phone, and Web support included. Control Panel Scan button, Cancel button, Power button with a LED and a LED for Error indication. Power Consumption: 4.2 watts (ready), 0.7 watts (sleep), 0.1 watts (off), 0.1 watts (auto-off) Operating Environment Operating Temperature Range: 50 to 95°F; Recommended Operating	79000/-	88440/-

	Temperature: 50 to 95°F; Storage Temperature Range: -40 to 140°F. Non-Operating Humidity Range: 0 to 90% RH (non-condensing); Operating Humidity Range: 15 to 80% RH (non-condensing); Recommended Humidity Operating Range: 15 to 80% RH (non-condensing)		
8	9V battery (Alkaline)	---	536/-
9	Pakistan Cables or Equivalent Telephone cable 2 pair roll (pure copper)	---	2546/-
10	Telephone set CLI display	---	1608/-
11	RJ 11 connector Box (100 connectors)	---	2948/-
12	Toolbox minimum size 17”x8”x8”	---	4623/-
13	Blank DVD (DVD-R)	---	250/-
14	Transcend, SP, or Equivalent USB External Hard Drive 1TB, Shock Proof, 1 yr. Warranty	---	11792/-
15	Transcend or HP or equivalent USB External DVD-Rom	---	6298/-
16	SanDisk, or Equivalent Flash Drives 32GB (Original) - 5-year Warranty	---	965/-
17	SanDisk, or Equivalent Flash Drives 64GB (Original) 5-year Warranty	---	1675/-
18	Drill Machine HD 5010 Torque 3.7 Nm, Power Rating 500 Watts, Chuck Size 10 mm, Chuck Type Keyed	---	8710/-
19	4 Ports USB 3.0 Hub with on/off button	---	5360/-
20	Tool / Laptop Bag Good quality	---	2000/-
21	Cable tie 20 Packet each (#5,6,7,8,10)	---	121/-
22	Hard Drive SATA 1TB 6Gb/sec 7200RPM Condition new Warranty 1 Year	---	11390/-
23	SATA data Cables	---	110/-
24	Printer Data Cable 4 pin USB Type A	---	201/-
25	Power Cable 2 Pin Branded	---	228/-
26	HDMI 2.0, Cable Length 1.5m, male to male	---	268/-
27	VGA Cable 1.5M male to male pure copper	---	268/-
28	Paint Brush soft 4”	---	5092/-
29	USB WIFI card <b>Frequency</b> 2.400-2.4835GHz <b>Button</b> WPS Button <b>Antenna Type</b> Detachable Omni Directional (RP-SMA) <b>Antenna Gain</b> 4dBi <b>Transmit Power</b> <20dBm <b>Wireless Modes</b> Ad-Hoc / Infrastructure mode <b>Certification</b> FCC, RoHS	---	1983/-
30	Toner (49-A) Original Black	---	16750/-
31	Toner (80-A) Original Black	---	18090/-
32	Toner 12A Original Black	---	12730/-
33	Toner Powder Ink 1 kg Original Black	---	2010/-
34	Toner (78-A) Original	---	12060/-
35	Toner (703/303) Original Black	15505/-	---
36	Toner (725) Original Black	15505/-	---
37	Toner 05-A ( Original Black	---	16750/-
38	Toner (35A) Original Black	---	14070/-
39	Toner (53-A) Original Black	---	18090/-

40	Surgical Gloves Pack of 50	---	2010/-
41	Toner 17-A Original	---	14070/-
42	Apron Coat Black	---	3350/-
43	Toner 83-A Original Black	---	12730/-
44	Toner 85-A Original Black	---	12730/-
45	<b>Mouse: Wireless</b> <b>Type:</b> Wireless <b>Connection:</b> 2.4G Hz <b>Ergonomic Design:</b> Right-hand Fit <b>Sensor:</b> Optical <b>Resolution:</b> 5-Level Adjustable 2000 DPI <b>Report Rate:</b> 125 Hz <b>Buttons No.:</b> 7 <b>Receiver:</b> Nano USB Receiver <b>Power Source:</b> Lithium Battery	---	4020/-
46	Toner 19-A Original Black	---	13400/-
47	Toner 92-A Original Black	---	10720/-
48	Cartridge for Printer LINE PRINTER P8000      255048-402	---	93800/-
49	Toner COPIER SP8200 DN 820076, SP8200A	---	---
50	Toner COPIER Pro 951   A3VV131, TN015, TN-015	---	---
51	Toner Cartridge 312 Original Black	---	---
52	Electrical Cable Roll 3/29 Pure Copper wire	---	2345/-
53	Electrical Cable Roll 7/44 Pure Copper wire	---	10720/-
54	Digital Multi Meter (uni-T) UT139C	---	4690/-
55	HDMI Cable 3M male to male	---	804/-
56	Electrical Cable Roll 7/36 wire Pure Copper wire	---	7303/-
57	Multimedia Tripod Screen 8’ x 6’ with tripod	---	14338/-
58	Electrical Cable Roll 7/29 wire Pure Copper wire	---	5092/-
59	<b>Keyboard USB Standard</b> <b>Keycaps:</b> Round Edge <b>Hotkeys:</b> 12 FN Multimedia Hotkeys <b>Character:</b> Laser Engraving <b>Splash Proof:</b> Yes <b>Adjustable Keyboard Legs:</b> Yes <b>Rating:</b> 5 V / 30 mA <b>Dimension:</b> 454 × 154 × 29 mm <b>Weight:</b> 580 g <b>Cable Length:</b> 150 cm <b>Hardware Connectivity:</b> USB	---	4952/-
60	Optical mouse USB <b>Type:</b> Wired <b>Ergonomic Design:</b> Symmetric <b>Sensor:</b> Optical <b>Resolution:</b> 1000 DPI <b>Buttons No.:</b> 4 <b>Port:</b> USB <b>Cable Length:</b> 150 cm	---	2680/-
61	Wireless Presenter <b>Color:</b> Black <b>Laser Class:</b> Class 2 Laser <b>Max Output:</b> Less than 1mW <b>Wave Length:</b> 640~660nm (red light) <b>Battery type:</b> 2 AAA batteries <b>Battery life (Laser pointer):</b> 20-hour maximum <b>Battery life (Presenter):</b> 1050-hour maximum <b>Wireless operating distance:</b> Approx 10m 2 <b>Wireless technology:</b> 2.4 GHz wireless technology <b>Height x Width x Depth:</b> 1.49 in (37.8 mm) x 4.55 in (115.5 mm) x 1.08 in (27.4 mm)	---	10,050/-

62	Book Binding Tape 2”	---	402/-
63	AAA Alkaline Cell	---	1340/-
64	AA Alkaline Cell	---	804/-
65	Soldering Iron 60W narrow bit with 2 spare bits	---	1474/-
66	Drill bits 4.5mm to 8mm (30 each size)	---	5360/-
67	PCI-e WIFI Card (300 Mbps + low profile) <b>Interface:</b> PCI Express(x1) <b>Antenna Type Detachable</b> Omni Directional (RP-SMA) <b>Antenna Gain</b> :2dBi <b>Signal Rate</b> 11n: Up to 300Mbps(dynamic) <b>Transmit Power</b> <20dBm(EIRP) <b>Wireless Modes</b> Ad-Hoc / Infrastructure mode <b>Modulation Technology</b> DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM <b>Certification</b> CE, FCC, RoHS <b>Package Contents</b> Wireless Adapter 2x Detachable Omni directional antenna Resource CD Quick Installation Guide	---	2948/-
68	Hard Drive 2.5 Enclosure USB 3.0 <b>Compatible HDD Type</b> 2.5 inch HDD / SSD <b>Output USB3.0</b> Micro B <b>Controller</b> JMS578 <b>Supported Capacity</b> 4TB <b>Dimension</b> 124.5 x 79 x 13mm <b>Safety Approval</b> CE / FCC / RoHS	---	2948/-
69	Hard Drive 3.5 Enclosure USB 3.0	---	1608/-
70	Interchangeable Screwdriver Tool Set 31 in all	---	415/-
71	Mouse Pads	---	134/-
72	Power Extension 4 sockets with separate on/off button 4 Sockets multi plug capable 4 separate buttons 4 indication lights with custom 08 Meter wire	---	1005/-
73	USB WIFI Receiver High Gain <b>Interface</b> Mini USB <b>Button</b> WPS <b>Antenna Type</b> 2 x Detachable Omni Directional (RP-SMA) <b>Antenna Gain</b> 5dBi <b>RxUp to 300Mbps</b> <b>Transmit Power</b> <20dBm (EIRP, for countries using CE Standards) <27dBm (EIRP, for countries using FCC Standards) <b>Package Contents</b> TL-WN8200ND 2 x 5dBi Detachable Omni Directional Antennas Resource CD Quick Installation Guide 1.5m USB Extension Cable	---	3451/-
74	Molex to Sata Power Connector	---	134/-
75	Tonner Refilling Bottle (1Kg)	---	2412/-
76	HDMI 2.0, 4K Cable Length 3m, male to male	---	804/-
77	HDMI 2.0, 4K Cable Length 5m, male to male	---	1548/-
78	HDMI 2.0, 4K Cable Length 10m, male to male	---	5092/-
79	HDMI 2.0, 4K Cable Length 15m, male to male	---	7370/-
80	Type C to HDMI Converter	---	1340/-
81	Type C to USB A Hub	---	1474/-
82	960GB SSD SATA Read intensive 6Gbps 512, 2.5in hot-plug	---	167500/-
83	HDD 8TB 7.2K, RPM NLSAS12Gbps 512e, 3.5” hot-plug hard drive	---	101170/-
84	HDD 4TB 6Gbps 3.5” hot-plug Hard drive	---	73700/-
85	USB External Hard Drive 2TB, Shock Proof, 1 yr. Warranty	---	14338/-

86	<b>Printers Multifunction</b> HP m26nw LaserJet pro MFP Printer <b>Function:</b> Print, Copy, Scan <b>Connectivity</b> Ports: Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; built-in Wi-fi 802.11b/g/n <b>Wireless capability:</b> Yes, built-in Wi-Fi 802.11b/g/n <b>Maximum number of copies:</b> Up to 99 copies <b>Copy speed (black, normal):</b> Up to 18 cpm <b>Copy resolution:</b> Up to 600 x 400 dpi <b>Memory, standard:</b> 128 MB <b>Mobile printing capability:</b> yes Via built-in <b>networking solution:</b> TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (Boot P, DHCP, Auto IP, Manual), IPv6 (Stateless Link-Local and via Router, State full via DHCPv6); Management: SNMPv1, HTTP Paper handling Input capacity: Up to 150 sheets <b>Output capacity:</b> Up to 100 sheets <b>Physical dimensions</b> Maximum dimensions (W x D x H, metric): 42 x 36.5 x 41 cm <b>Maximum dimensions</b> (W x D x H, U.S. standard): 16.5 x 17.2 x 16.1 in <b>Weight</b> (metric): 8.0 kg <b>Number of print cartridges:</b> 1 Black <b>Print technology:</b> Laser <b>Duplex printing</b> Manual duplex <b>Print resolution (best)</b> Up to 600 x 600 dpi <b>Scan technology:</b> CIS <b>Scan resolution, hardware:</b> Up to 1200 x 1200 Warranty 1 year <b>Cable included:</b> yes usb cable and power cable	29400/-	---
87	<b>FUNCTIONS:</b> Print, Copy, Scan <b>MULTITASKING SUPPORTED:</b> Yes <b>FIRST PAGE OUT BLACK (A4, READY):</b> As fast as 5.6 sec <b>FIRST PAGE OUT BLACK (A4, SLEEP):</b> As fast as 8.0 sec <b>PRINT SPEED BLACK (ISO, A4):</b> Normal: Up to 38 ppm <b>FIRST PAGE OUT (READY):</b> Black: As fast as 5.6 sec <b>FIRST PAGE OUT (SLEEP):</b> Black: As fast as 8.0 sec <b>FIRST COPY OUT</b> As fast as 7.2 sec <b>FIRST COPY OUT (SLEEP)</b> As fast as 9.7 sec <b>DUTY CYCLE (MONTHLY, A4)</b> Up to 80,000 pages <b>PRINT TECHNOLOGY</b> Laser <b>PRINT QUALITY BLACK (BEST)</b> Up to 1200 x 1200 dpi, 600 x 600 dpi <b>PRINT LANGUAGES</b> PCL 5, PCL 6, postscript level 3 emulation, direct PDF (v 1.7) printing, URF, PCLM, PWG, Native Office <b>DISPLAY</b> 3" (7.5 cm) intuitive touchscreen Color Graphic Display (CGD) <b>PROCESSOR SPEED</b> 1200 MHz <b>AUTOMATIC PAPER SENSOR</b> No <b>EPRINT CAPABILITY</b> Yes <b>MOBILE PRINTING CAPABILITY</b> E Print; Apple Air Print™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps <b>WIRELESS CAPABILITY</b> Yes, built-in Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; encryption via AES or TKIP; WPS; Wi-Fi Direct <b>CONNECTIVITY, STANDARD</b> 1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit Ethernet 10/100/1000T network; 1 Wireless 802.11b/g/n; Easy-access <b>NETWORK READY</b> Standard (built-in Ethernet, Wi-Fi) [Operates as both an AP (with Wi-Fi Direct) and STA] <b>Replacement Cartridge:</b> 26-A <b>Paper handling tray:</b> 100sheets try1, 250sheet try 2 <b>Duplex printing:</b> Automatic <b>Media Size:</b> Tray 1: A4, A5, A6, B5 (JIS), Envelope B5, Envelope C5, Envelope DL, custom size; Tray 2 & Tray 3: A4, A5, A6, B5 (JIS), custom size Scanner type: flatbed, ADF <b>Power consumption:</b> 583watt <b>USB cable:</b> included Dimension: WxDxH inch: 16.54x15.35x12.72 max dimension: WxDxH inch: 16.93x25x12.8	96800/-	---
88	<b>Photo Copier</b> RICOH MP 2501 SP <b>Scanning Element</b> Laser beam scanning <b>Control Panel</b> 4.3" color touch panel <b>Color</b> Black & White <b>Output Speed</b> Copy/Print 25 ppm <b>First Page Out</b> Time 6 seconds or less <b>Resolution</b> 600 x 600 dpi <b>System Memory</b> 1 GB RAM (shared) <b>250 GB HDD</b> (shared) <b>Maximum Copy Quantity</b> Up to 999 <b>Duplexing Automatic</b> (Standard) <b>Document Feeder Type</b> Automatic Reversing <b>Document Feeder</b> (ARDF) <b>Document Feeder Original Size</b> 5.5" x 8.5" - 11" x 17" (A5 - A3) <b>Supported Paper Sizes</b> Standard Trays: 5.5" x 8.5" to 11" x 17" (A5 – A3) <b>ARDF:</b> 5.5" x 8.5" to 11" x 17" (A5 – A3) <b>Maximum Paper Capacity</b> 1,600 Sheets <b>Standard:</b> 250 sheets x 2 Trays + 100-Sheet Bypass Tray Standard Output Capacity 250 sheets (internal tray) <b>Maximum Output Capacity</b> 350 sheets (with 100-sheet 1 Bin Tray Option) <b>Maximum Monthly Volume</b> 10000 <b>Dimensions</b> W x D x H 23.1" x 22.4" x 26.9" (587 mm x 568 mm x 683 mm) – includes ARDF Weight 114.0 lbs./51.7 kg <b>Standard Features</b> Auto Duplex, Auto Off Timer, Auto Paper Selection, Auto Start, Combine Copy,	279700/-	---

	Electronic Sort, Image Rotation, Job Programs (25), Photo Mode, Series Copy, Simple Screen, User Codes (8 digits, 1,000 Personal Codes) Ethernet 10Base-T/100Base-TX, Gigabit Ethernet (1000Base-T) <b>Mobile Printing Support</b> Smart Device Connector app <b>Printer Features</b> Mobile Driver, Bonjour Support, Classification Code, PDF Direct Print, Windows Active Directory Support, DDNS Support, WS Printer, PCL Resident Font Adoption, Tray-Parameter Change from WebImageMonitor, XPS <b>Support</b> Scan Speed BW Full Color 50 ipm @ 300 dpi B&W (Letter/A4) 25 ipm @ 300 dpi Full-Color (Letter/A4) Main: 11" (297 mm) Sub: 17" (432 mm) <b>Standard Interfaces</b> Ethernet 10Base-T/100Base-TX, Gigabit Ethernet (1000Base-T) Optional Interfaces Wireless LAN (IEEE 802.11a/b/g) <b>Protocols</b> TCP/IP (IPv4, IPv6), IPX/SPX <sup>2</sup> <b>File Formats</b> Single/Multi Page TIFF, Single/Multi Page PDF, Single/Multi Page High Compression PDF and Single/Multi Page PDF/A; Single Page JPEG Scan Modes B&W: Text, Text/Line Art, Text/Photo, Photo, Grayscale Full-Color: Text/Photo, Glossy Photo, ACS Scan-to-USB/SD; Scan-to-Email (POP, SMTP, IMAP4); Scan-to-Folder (SMB/FTP/ NCP <sup>2</sup> ); Scan-to-URL <sup>1</sup> Network TWAIN Scanning; WSD Scanner <b>Scanning Features</b> PDF Encryption, Drop Out Color Send, Scan-to-Email/SMB/FTP, LDAP Support, TWAIN Scanning Including Trolley		
89	131-A Toner pack of 4 cartridge (black, cyan, magenta, yellow)	---	53600/-
90	Toner Original (79-A)	---	---
91	HP Original (26-A)	---	---
92	Ricoh 2501 Copier MP2501 Toner	8582/-	---
93	Projector Screen 72” 6x6 feet with tripod stand	---	8710/-
94	Projector Screen 120inch 8x6 feet with tripod stand	---	15410/-
95	Projector Screen 150 Inch Electric Motorized 10x8 Feet	---	29480/-
96	Projector Screen 120 Inch Electric Motorized 8x6 Feet	---	19430/-
97	Projector ceiling mount kit with screws 2feet aluminum	---	4020/-
98	Projector ceiling mount kit with screws 3.3 feet aluminum	---	4690/-
99	HDMI 2.0, 4K Cable Length 20m, male to male	---	12998/-
100	Google Chromecast ULTRA 4K original Input: 110-240V AC 50/60Hz Power: 5 Volt DC, 1 amp Dimensions: Device: 2.29 x 2.29 x 0.53 in (58.20 x 58.20 x 13.70 mm) - not including cable and accessories Power cable: 2m (78.8 in) Resolution: Supports all resolutions up to 4K Ultra HD and high dynamic range (HDR) for superior picture quality Wireless Standards: 802.11ac Wi-Fi (2.4GHz/5GHz) 1x2 MISO Wi-Fi for high-performance streaming Power: Power supply required and included in the Chromecast Ultra box Ports and connectors: HDMI plugs directly into the TV, Micro-USB for power and data, Ethernet port on the power adapter for hard-to-reach Wi-Fi spots in your home	---	10050/-
101	Bar code scanner desktop <b>Dimensions:</b> 5.512 in. H x 3.232 in. W x 3.150 in <b>Weight:</b> 9.5 oz./269 g <b>1-D</b> : UPC/EAN (UPCA/UPCE/UPCE1/ EAN-8/EAN-13/JAN-8/JAN-13 plus supplementals, ISBN (Bookland), ISSN, Coupon Code), Code 39 ( Standard, Full ASCII, Trioptic,Code 32 (Italian Pharmacode), Code 128 (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codabar/NW7, 2 of 5 ( Interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matrix 2 of 5, Code 11), MSI Plessey, GS1 DataBar Omnidirectional, Truncated, Stacked, Limited, Omnidirectional, Limited, Expanded,Expanded Stacked) PDF417 (and variants) PDF417 (Standard, Macro), MicroPDF417(Standard, Macro), Composite Codes (CC-A,CC-B, CC-C) <b>2-D</b> TLC-39, Aztec (Standard, Inverse), MaxiCode, DataMatrix/ECC 200 ( Standard, Inverse), QR Code (	---	20100/-

	Standard, Inverse, Micro) <b>Interface:</b> USB, RS-232, RS-485 (IBM 46xx Protocols), Keyboard Wedge		
102	<b>Bar code scanner Handheld wireless</b> Read 1D / 2D barcode Communication: 2.4 Ghz Wireless Scan mode: press the button 2200Mah battery capacity can be used continuously for up to 36 hours Can withstand good impact when falling from a height of 1m. Speed: 300 scan / sec	---	64320/-
103	<b>Bar code scanner Handheld</b> Dimensions (LxWxH) 198 mm x 78 mm x 56 mm (7.8" x 3.1" x 2.2") Weight 149 g (5.3 oz) Electrical Input Voltage 5 VDC + 0.25 V Operating Power 825 mW (165 mA @ 5 V) Standby Power 600 mW (120 mA @ 5 V) Host System Interfaces USB, RS232, Keyboard Wedge, IBM 46xx (RS485), OCIA, Laser Emulation, Light Pen Wand Emulation Environmental Operating Temperature 0°C to 40°C (32°F to 104°F) Storage Temperature -40°C to 60°C (-40°F to 140°F) Humidity 5% to 95% relative humidity, non-condensing Drop Designed to withstand 1.5 m (5') drops Environmental Sealing Sealed to resist airborne particulate contaminants Light Levels 4842 Lux Scan Performance Scan Pattern Single scan line Scan Speed 72 scan lines per second Scan Angle Horizontal: 50° Print Contrast 35% minimum reflectance difference Pitch, Skew 68°, 52° Decode Capabilities Reads standard 1D and GS1 DataBar symbolis	---	46900/-
104	<b>DP to DP male cable 1.5M</b>	---	268/-
105	<b>DP to hdmi converter</b>	---	737/-
106	<b>DP to VGA converter</b>	---	603/-
107	<b>HDMI to VGA converter</b>	---	469/-
108	<b>5V 1amp adapter 5.5mmx2.1mm EU PIN</b>	---	141/-
109	<b>9V 1amp adapter 3.5mmx1.35m EU PIN</b>	---	154/-
110	<b>9V 1amp adapter 5.5mmx2.1mm EU PIN</b>	---	154/-
111	<b>12V 1amp adapter 5.5mmx2.1mm EU PIN</b>	---	154/-
112	<b>12V 2amp adapter 5.5mmx2.1mm EU PIN</b>		201/-
113	<b>Universal multi pin plug to EU</b> Convert Plug from Overseas Appliances to be used in EU Convert from UK / EU / US / CN upto 10AMP	---	737/-
114	<b>Omni Directional Lavalier Microphone Colar Mic</b> Clip-On Mic for Smartphones, DSLR, Camcorders, Audio recorders, PC etc. Omni directional condenser microphone High-quality condenser is ideal for video use Low handling noise Includes lapel clip, LR44 battery, foam windscreen, 1/4" adapter Can be verified online 6 Meter wire length	---	536/-
115	<b>Microphone (Wireless)</b> Microphone unit: Dynamic Directivity: Unidirectional Channel group: A or B Carrier Frequency Range: 576.4 MHz-599.9 MHz (Channel group: A ) 568.6 MHz-592.1 MHz (Channel group: B ) Channels: 48 RF output power: ≤10 mW Input frequency range:20Hz-20KHz Distortion: 0.5% or less Signal-to-noise ratio: 80 dB Dimensions: 5.3x5.3x25.6cm Weight: 252g (without batteries) UHF transmission with 48 channels Cardioid Microphone Transmitter A or B channel group for selection Compatible with RX8 Pro and SP-RX8 Pro OLED Display • Powered by one Two AA Batteries	---	107200/-

116	Air Conditioner split (Kenwood/gree) 18000 BTU – Heat & Cool – Smart WIFI – self-cleaning – full inverter – energy efficient upto 75%– Turbo & Eco mode – 5-year compressor warranty – 7 Star rating – with pipe, mount, fittings, and all accessories	---	130228/-
117	Air Conditioner split (Kenwood/gree) 24000 BTU – Heat & Cool – full inverter – energy efficient – Turbo & Eco mode - with pipe, mount, fittings, and all accessories	---	161068/-
118	Air Conditioner (Kenwood/gree) 48000 BTU – Heat & Cool –full inverter – energy efficient – Turbo & Eco mode - with pipe, mount, fittings, and all accessories	---	321600/-
119	LED 24 Inch Display type IPS w/LED backlight Display size (diagonal) 60.45 cm (23.8") Viewing angle 178° horizontal; 178° vertical Brightness 250 cd/m² Contrast ratio 1000:1 static; 10000000:1 dynamic Response Ratio 5 ms gray to gray (With overdrive) Product colour Black Aspect ratio 16:9 Native resolution FHD (1920 x 1080 @ 60 Hz) Resolutions supported 1920 x 1080; 1680 x 1050; 1600 x 900; 1440 x 900; 1280 x 1024; 1280 x 800; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480 Display features Anti-glare; Language selection; LED Backlights; On-screen controls; Plug and Play; User programmable User controls Menu; Minus ("-"); Plus ("+") /Input Control; Power Input signal 1 VGA; 1 DVI-D; 1 HDMI (with HDCP support) Environmental Operating temperature: 5 to 35°C; Operating humidity: 20 to 80% RH Power Input voltage: 100 to 240 VAC Power consumption 25 W (maximum), 22 W (typical), 0.5 W (standby) Dimensions 54.66 x 4.47 x 32.1 cm (Without stand) Weight 3.7 kg (With stand) Ergonomic features Tilt: -5 to +20° Physical security features Security lock-ready (lock is sold separately) Certification and compliance CB; TUV-Low Blue Light; CCC; CEL; CECP; SEPA; WEEE Environmental specifications Arsenic-free display glass; Mercury-free display backlights What is in the box AC power cord; Documentation; VGA cable	---	40870/-
120	<b>Dual Side Retransfer PVC ID Card Printer</b>  <b>Print Method</b> Dye-sublimation retransfer <b>Print Mode</b> Single- or double-sided (optional) over-the-edge <b>retransfer printing</b> <b>Print Resolution</b> 300 dpi <b>Print Speed</b> Up to 102 cards per hour (single-sided) <b>Card Types</b> PVC, Composite PVC, ABS, PET and Polycarbonate Cards of ISO ID -1/CR-80 size (85.60 x 53.98 mm) <b>Card Thickness</b> 0.25 - 1.02 mm (hopper adjustment required) <b>Input Hopper Capacity</b> 200 cards (0.76 mm) <b>Output Hopper Capacity</b> 100 cards (0.76 mm) <b>Interface</b> USB 2.0 and Ethernet <b>Operating System Support</b> Windows 7, 8,10 (32 & 64bits) Power Supply 100/120 V and 220/240 V, 50/60 Hz FCC, CE, UL, GOST-R, and CCC approved <b>Operating Environment</b> 15°C to 30°C, 35% to 70% noncondensing humidity <b>Printer Dimensions</b> 343 x 322 x 360 mm (WxDxH) <b>Weight</b> 13.9 kg (excluding optional built-in items) <b>Warranty</b> <b>Printer:</b> 24 months <b>Printhead:</b> Lifetime warranty using EDIsecure® materials (other conditions apply	---	---
121	Color Ribbon YMCK for XID8100	---	---
122	Art Retransfer Film for XID8100	---	---
123	PVC Card	---	---
124	Card cover with ribbon	---	---
125	Speaker Full Range EVID-PC6.2 6½" 2-way ceiling speaker, High-performance EV-engineered compression driver. Ultra-wide HF dispersion provides extremely even coverage through room. High-excursion woofer provides dramatic low-end frequency extension. Reinforced steel back can provides rigid enclosure to minimize acoustic loss. Four-point clamp mechanism and integrated mounting legs enable quick ceiling installation. Detachable pass-thru Phoenix-style signal connections simplify installation wiring. Tap selector with 8Ω / 70 V / 100 V operations. Fully reinforced ABS UL-rated baffle ensures long life. Fully compliant with EN 54 (pending), UL 1480, and 2043 standards. Frequency Range (-10 db) 50 Hz – 20 kHz Nominal Coverage (Conical)100° Power Handling 200 W Program, 100 W Pink Noise	---	80400/-



126	<p>Speaker Full Range EVID C4.2 4" 2-way coaxial ceiling loudspeaker, Designed for air-handling spaces. Ported enclosure for extended bass response. Waveguide-coupled 0.75-inch titanium-coated tweeter</p> <p>Full-bandwidth overload protection Integrated transformer for 70 V, 100 V, or 8 <math>\Omega</math> use Front-panel mode/wattage selector Safe, easy installation with included tile bridge and mounting ring White semi-gloss perforated grille Complete package, requires no additional accessories</p> <p>Frequency Range (-10 dB)      65 - 20000kHz Weight Net      5.95lbs (2.7kg) Height 6.93" (176mm)</p>	---	40200/-
127	<p>Speaker Full Range EVID 4.2 Dual 4" 2-way surface-mount loudspeaker Compact full range. Ideal for restaurants, bars, patios, and retail. Vented LF enclosure 1-inch titanium diaphragm HF driver with neodymium magnetic structure Coherent Coverage Waveguide Full-bandwidth overload protection (LF and HF) Elliptical weather-resistant ABS enclosure Paintable black or white finish Magnetically shielded for video applications Strong-Arm Mount for easy, flexible aiming "T" version for 70 or 100 V distributed systems</p>	---	46900/-
128	<p>Speaker Full Range EVID 6.2 Dual 6" 2-way surface-mount loudspeaker Compact full range. Ideal for shopping malls, sports bars, and health clubs. Vented LF enclosure 1-inch titanium diaphragm HF driver with neodymium magnetic structure Coherent Coverage Waveguide Full-bandwidth overload protection (LF and HF) Elliptical weather-resistant ABS enclosure Paintable black or white finish Magnetically shielded for video applications Strong-Arm Mount for easy, flexible aiming "T" version for 70 or 100 V distributed systems</p>	---	77720/-
129	<p>Portable Speaker with 2 Wireless mics Weight 48 kg, Audio Out –Yes, AUX Input-Yes, Battery-Yes, Battery Timings-5 – 6 Hours, Bluetooth Enabled-Yes, Bluetooth Range-10Meters,Charging Time-2 -4 Hours, AC/DC Function-Yes, Delay-Yes, Drive Unit-15 Inches X 2,Eco-Yes,FM Radio-Yes, Karaoke Port-Yes, LED Display-Yes, LIVE Recording-Yes, Material-Plastic, Mic Technology-VHF Mic, Mic Type-Hand Mic, Micro SD Card Supported-Yes, Power Output-rms50w, Remote-Yes, Repeat-Yes, USB Port-Yes, Volume Knob-Yes, Warranty-1 Year, Wireless Mic-Yes, Wireless Mic Range</p>	---	33500/-
130	<p>Mic R300-L Lapel system with ULM18 directional microphone Clear Scan automatically finds the clearest channel EZ sync one-step channel setup ULM18 directional lavalier microphone 14 hour battery life from two AA alkaline Rugged metal transmitter Metal receiver chassis with optional rack mount</p>	---	107200/-
131	Toner for Bizhub 458	---	---
132	Multi Light Plug	---	214/-
133	Piano Switch	---	27/-
134	Power Socket with Power Plug	---	295/-

135	LED Bulb Screw Type 23 watt	---	402/-
136	Holder Screw Type	---	34/-
137	Circuit Breaker 16 Amp	---	389/-
138	Circuit Breaker 24 Amp	---	389/-
139	2 pole Circuit Breaker	---	737/-
140	Wooden power Board Complete (8 x 10) with sheet	---	1206/-
141	Screw 1.5" box	---	161/-
142	Screw 2.0" box	---	214/-
143	Steel Nails 1" box	---	255/-
144	Steel Nails 1.5" box	---	255/-
145	Steel Nails 2.0" box	---	255/-
146	Steel Nails 2.5" box	---	255/-
147	Rawal Plug box box of 100	---	80/-
148	Aluminum Ladder 8 Feet		6030/-
149	Ingco 6Pcs go-through screwdriver set 1pcs SL6.5*6*100 1pcs SL6.5*6*150 1pcs SL8.0*8*200 1pcs PH2*6*100 1pcs PH2*6*150 1pcs PH3*8*200	---	402/-
150	Harden Flat Type Screwdriver Size 8X150mm	---	134/-
151	Harden Philips Type Screwdriver PH2X150mm CRV Screwdriver with Transparent Handle, Tempered and magnetic	---	536/-
152	Harden Hip toolbox 480 X 180 X 190mm With electro-powder coating to resist scratch & solvent markings, heavy duty metal latches	---	603/-
153	77pcs 1/2" & 1/4" Dr. Socket Set 9-6.3mm Dr. Hex sockets:5,6,7,8,9,10,11,12,13mm, 1-6.3mmDr.Flipper ratchet, 1-6.3mm Dr. Universal joint, 1-6.3mm Dr. Sliding T bar:110mm, 1-6.3mm Dr. Extension rod :3", 1, 6.3mm Dr. Bit adapter2-12.5mm Dr. Extension rod:5",10", 1-12.5mm Dr. Spark plug socket:21mm, 13-12.5mm Dr. Hex sockets:10,11,12,13,14,15,17,19,22,24,27,30,32mm, 1-12.5mm Dr. Flipper ratchet, 1-12.5mm Dr. Universal joint, 22-25mm Bits:, Hex:H3,H4,H5,H6;Slotted:3,4,5,6,7mm; Philips:PH1.PH2,PH3; Pozi:PZ1,PZ2,PZ3;, Torx:T10,T15,T20,T25,T27,T30,T40, 7-Flat head hex key wrench:1.2,2,2.5,3,4,5,6mm, 11-Combination wrench:8,9,10,11,12,13,14,15,16,17,19mm, 4-Two head adjustable socket, wrench:89mm,1011mm,1213mm,1415mm, 1-Blow case	---	6700/-
154	Harden 12Pcs 1/2" Sockets Set Material: Quality Chrome Vanadium, 1Pc 1/2" Quick Release Ratchet Spanner, 1Pc Extension Bar 1/2"x3", 11Pcs 6pt Socket:, 10,12,13,14,15,16,17,19,22,24MM	---	938/-
155	digital stainless steel vernier caliper	---	643/-
156	3pcs high leverage pliers set 8", 7" 6" 8"/200mm high leverage combination pliers 7"/180mm high leverage diagonal cutting pliers 6"/160mm high leverage long nose pliers Cr-V, black finish and polish TPR two color handle	---	4154/-
157	10Pcs 25x125mm Knife Blade	---	201/-

158	5pcs steel file set 8" Flat steel file 1pcs Half round steel file 1pcs Round steel file 1pcs Triangle steel file 1pcs Square steel file 1pcs	---	1608/-
159	Heat gun 2000W	---	6968/-
160	WD-40	---	737/-
161	Electric Pole, Aerial Work, Anti Falling Safety Belt	---	2948/-
162	Hacksaw Frame	---	241/-
163	32Pcs precision screwdriver set 1Pcs INGCO Style handle 1Pcs 4X60mm bits holder 30PCS 4X28mm bits: SL1.5,SL2,SL2.5,SL3,SL3.5,SL4,PH000,PH00,PH0,P H1,T4,T5,T6,T7,T8,T9,T10,T15,T20,H0.9,H1.3,H1.5, H2,H2.5,H3,H4,Y2,U2.6,Five Star0.8,Five Star1.2 Five Star0.8, Five Star1.2	---	332/-
164	45pcs CRV Screwdriver Bit Set Hexagonal socket*_M2.5,3.0,3.5,4.0,4.5,5.0,5.5 Solid plum blossom head:T3,T4,T5,T6,T7,T8,T9,T10,T15,T20 Hexagonal bit:0.9,1.3,1.5,2.0,2.5,3.0,4.0 Flat bit:1.0,1.5,2.0,2.5,3.0,3.5,4.0 Philip bit:1.5,2.0,2.5,3.0,3.5 Five-pointed star bit:0.8,1.2 Triangle bit:3.0 U-type bit:2.6 Y-type bit:2.0 Round bit:0.8	---	332/-
165	Pump Oiler	---	335/-
166	Glue Gun	---	603/-
167	Glue Gun Sticks	---	34/-
168	isopropyl alcohol for cleaning (liter)	---	---
169	Measuring Tape Nylon Coated 7.5m x 25mm	---	402/-
170	PCB electric drill grinder machine kit Material: High-Speed Steel Colour: Gray Type: Electric tools Package includes: Mini Electric Drill 5 X HSS Drill Bit 5 X Chuck 4 X Grinding Wheel with Handle Cutting Grinding wheel 12v, 1A DC Power Adapter Blow Box	---	6030/-
171	2in1 862d+ SMD Hot Air Rework Station Soldering Iron Station LED Display W/4 Nozzle Hot air soldering station specification: Specified voltage: 220v/AC Consumption: 270w Type of pump: Menbranous Air flow: 0.3~2.4L/min, Adjustable Pump power: 15w Heater: 250W metel Hot air temperature: 100~240 Soldering station specification: Power: 60w Output voltage: 24v/AC Temperature range: 200-48 Size: (L)X(W)X(H) 245X187X135mm /9.65"X7.36"X5.31"(appr.)	---	14740/-
172	Cable Micro USB	---	201/-
173	Cable USB to mini USB	---	201/-
174	Cable Type-C to Type-C	---	201/-

175	Headphone 3.5mm (Logitech/A4tech) HS-30 – Style: On-the-Head - Speaker: 40 mm - Frequency Range: 20 Hz-20 KHz - Impedance: 32 Ohm - RMS: 50 mW Sensitivity: 102 dB - MIC Sensitivity: -50 dB - Cable Length: 2 m - Plug: 3.5 mm - Controller: Volume knob on the headset	---	2546/-
176	Headphone USB Interface (Logitech/A4tech) HU-30 – Style: On-the-Head - Speaker: 40 mm - Frequency Range: 20 Hz-20 KHz - Impedance: 32 Ohm - RMS: 50 mW - Sensitivity: 102 dB MIC Sensitivity: -45 dB - Cable Length: 2 m - Plug: USB - Controller: Volume knob on the headset	---	2546/-
177	Headphone Bluetooth Bluetooth version 5 – supports A2DP, AVRCP, HSP, HFP, drive unit 57mmx2, impedance 16 ohm, standby time: 1000 hours approx.. Bluetooth talk/music time 30 Hours, charging time 2hours, input current 5V/>400ma Type-C charging port -output power 30mW+30mW T-monitor	---	1206/-
178	Power Supply Adjustable Usage:SVCModel - Number:PS-3010DF - Phase:Single PhaseCurrent Type:DC - is_customized:Yes -Input voltage:110V or 220VOutput -voltage:0-30VOutput current:0-10A - Weight:2.45kg -Appearance size:285*128*145mm(excluding protruding parts) Package size:370*180*210cm Protection function:OCP, OTP, OPPIntelligent Fan:Excellent heat dissipation Display:High precision 4 digit LED digital display Certification:CE, RoHSPlug:US, EU, UK, AU (optional) USB interface:5V 2A outputFeatures 1:DC power supplyFeatures 2:Power supply dcFeatures 3:Laboratory power supplyFeatures 4:Power supply adjustableFeatures 5:Adjustable dc power supply Features 6:Regulated power supply Features 7:Voltage regulators	---	19430/-
179	Hot Air Rework Soldering Station Material of Item Body: Stainless steel Color: Black - BK-858D - Type: Digital Display Hot Air Rework Station -Display Type: Digital Display -Power Type: Alternating Current Input Voltage: 220V - Rated Input Power: 700 W - Air Flow Volume: 120 L/Min -Rated freqncy: 50 Hz Diameter of Wind Gun Nozzle: 5, 8, 10 MM - Noises: < 45 DB -Temperature Range: 100 ~ 450 °C - Package included: 1 × Hot Air Rework Station BK-858D 3 × Nozzles 1 × Wire with Clamp	---	15410/-
180	Paper Tape 2 inch	---	332/-
181	Solution tape	---	40/-
182	Wire Stripper tools	---	2010/-
183	Magnifier Glass	---	469/-
184	Soldering iron bits for 40watt	---	1340/-
185	Computer Motherboard battery CR2032	---	40/-
186	De-soldering PUMP	---	2948/-
187	SSD 120GB – SATA III – 3 Year warranty	---	4824/-
188	SSD 240GB – SATA III – 3 Year warranty	---	7370/-
189	SSD 240GB M2 2280	---	8710/-
190	Flat bed scanner Type:Flatbed Scanner, Scanning element:CIS, Light source:3-color (RGB) LED, Optical resolution:2400 x 2400dpi, Selectable resolution 19200dpi, Interface USB2.0 High-Speed Mini-B, Scanning gradation (colour):48 bit input - > 48/24 bit output, Scanning gradation (greyscale): 16 bit input -> 8 bit output, Maximum Document Size: A4 / Letter (216 x 297mm), EZ-Scan Buttons: 4 buttons (PDF, AUTOSCAN, COPY, SEND), Scanning speed: (colour)(Reflective)14.8msec/line (2400 dpi) 6.6msec/line (1200 dpi) 3.8msec/line (600 dpi) 2.2msec/line (300 dpi) Preview Speed: Approx. 9 sec, Power Supply: Supplied via USB port Power Consumption: approx. 4.5W (in operation, maximum) approx. 0.3W (standby) Dimensions 250x367x42 mm Weight 1.7kg,	10800/-	---
191	Short Backup UPS with built in battery Frequency 50Hz / 60Hz Dimensions 355 x 123 x 200 mm Battery 2 * 12V / 9AH Recharge Time 8 Hours Power Consumption 1200VA / 720W Voltage 220V Warranty 3 Months	---	11390/-

192	<b>A3 Size Flatbed Scanner</b> Scanner Type Color CIS Flatbed      Scan Modes Color: 48-bit & 24-bit Gray: 16-bit & 8-bit Line art: 1-bit      TWAIN Scan Area (Max.)      299 mm x 427 mm (11.8" x 16.8")      Resolution      Optical: 2400dpi x 2400dpi Software Interpolation: 9600 dpi x 9600 dpi      Scanning Speed      6.8 sec (100dpi, A3-size color) 6.9 sec (200dpi, A3-size color) 14.6 sec (300dpi, A3-size color) 32.8 sec (600dpi, A3-size color)      Recommended Daily Volume Approx. 2500 pagesInterface USB 2.0      Light Source      LED Dimension (L x W x H)      555 mm x 383 mm x 88 mm (21.9" x 15.1" x 3.5")      Weight      Approx. 4.3 kgs (9.48 lbs)      Power Consumption      12VDC, 2.0A, 24W (Input: 100~240VAC, 50~60Hz)	---	56146/-
193	<b>Table Microphone</b> Flexible long gooseneck with mono unbalanced cable and connector	---	12060/-
194	<b>Audio Mixer</b> 16 ~ 24 channel 1000-watt powered mixer	---	837500/-
195	<b>LED TV 65" Smart</b> Screen 65 inch, 4K ultra hd, HDR10, Dolby vision, DTS, Bluetooth5.0, Chromecast built in, frameless, Netflix, YouTube, prime video, google play, android version 9	---	182240/-
196	<b>LED TV 55" Smart</b> Screen 65 inch, 4K ultra hd, HDR10, Dolby vision, DTS, Bluetooth5.0, Chromecast built in, frameless, Netflix, YouTube, prime video, google play, android version 9	---	112024/-
197	<b>USB Sound Card with wire</b>	---	201/-
198	<b>USB LAN Card gigabit</b>	---	10050/-
199	<b>Wireless Keyboard Mouse set</b> Type: Wireless, Connection: 2.4G Hz, Operating Range: 10 - 15 m, Mouse: FG10, Ergonomic Design: Symmetric, Sensor: Optical Resolution: 1000/1600/2000 DPI, Report Rate: 125Hz, Buttons No.: 4, Receiver: Nano USB Receiver, Demension: 108 x 64 x 35 mm, Weight: 67 g ( Batteries not included ), Battery: 1AA Alkaline Battery, Keyboard: FGK10, Keycaps: Sleek Round-Square Hotkeys: 12 Fn Hotkeys, Character: Laser Engraving, Splash Proof: Yes, Adjustable Keyboard Legs: Yes, Rating: 1.5 V / 10 mA Dimension: 456 x 156 x 24 mm, Weight: 494 g ( Battery not included ), Battery: 1 AA Alkaline Batteries		8710/-
200	<b>1.5v Cell size D</b>	---	335/-

**Findings.**

Two bids of Misc Items were received. **M/S Shirazi Trading Multan and M/S Al-Fateh Group RY Khan** quoted the lowest rates.

**Recommendations of the Purchase Committee**

The Purchase Committee after analyzing the statement showing the lowest rates, findings and recommended to issue supply order in the favour of **M/S Shirazi Trading Multan and M/S Al-Fateh Group RY Khan**, for above said items through Treasurer’s Office except Sr# 1,28,37,39,41,48,54,59,60,61,63,64,66,68,78,79,95,96,97,99, 102,103,113,115,119,125,126,127,128,130,140,186,194,198,199,200

**Chairman**  
Dr. Muhammad Iqbal  
Chairman, Plant & Breeding Deptt.  
UCA&ES

**Member**  
Dr. Abou Bakar  
Treasurer

**Co-opted Member**  
Mr. Rizwan Majeed  
Director IT

**Member**  
MS. Farkhanda Tahseen  
PO (EC&SM)

**Member**  
Mr. Aurang Zeb  
Dy. Director (IT)

**Member**  
Mr. Malik Imran Bhutta  
Dy. Registrar (Affiliation)

**Co-opted Member**  
Mr.Tariq Mehmood Shaikh  
Deputy Treasurer (P)

**Member/Secretary**  
Mr. Táhir Mahmood  
Assistant Treasurer (P)

# Islamia University of Bahawalpur

Purchase Section

## Office of the Treasurer

No. 8372 /PS  
Date: 04-12-2020

### NOTIFICATION

1. It is notified for information of all concerned that University was floated tender in newspaper for procurements of IT Items, for Directorate of IT. The General Purchase Committee of this University in its meeting held on 12-11-2020 opened the Technical Proposal Envelopes. The Technical Committee qualify the following firms for opening of financial bids:

#### Tender-A/ IT Items:

Sr. #	Name of Items	M/S Astrontech Lahore	M/S Jeelani Enterprises Multan	M/S ABM Data System Karachi
1	Computers Computer micro form factor core i7	Qualified	Qualified	---
2	Computers Computer micro form factor core i5	Qualified	Qualified	---
3	Computers Computer micro form factor core i3	Qualified	Qualified	---
4	Laptops Laptop Core™ i3	Qualified	Qualified	---
5	Laptops Laptop Core™ i5	Qualified	Qualified	---
6	Multimedia Projector	Disqualified	Disqualified	Qualified
7	Computers Computer micro form factor core i5	Qualified	Qualified	---

Date & time for opening of financial proposal will be conveyed to qualified firms through letter/telephonically

S-d/  
Assistant Treasurer  
For Treasurer

**NOTIFICATION**

1. It is notified for information of all concerned that University was floated tender in newspaper for procurements of Networking Items, for Directorate of IT. The General Purchase Committee of this University in its meeting held on 12-11-2020 opened the Technical Proposal Envelopes. The Technical Committee qualify the following firms for opening of financial bids:

**Tender-B/ Networking Items:**

Sr. #	Name of Firms	Tender Items (Serial wise)
1	M/S Silicon Technology Karachi	01 to 66 are qualified
2	M/S Vital International	1 to 46 & 49 to 66 are qualified 47,48 are disqualified
3	M/S Mansha Brothers Lahore	01 to 66 are qualified
4	M/S GCS Lahore	01 to 36, 39,43 to 66 are qualified 37,38,40,41,42, are disqualify
5	M/S Al-Fateh Group RY Khan	01 to 14,17 to 37,39,43 to 63 are qualified 15,16,38,40,41,42,64,65,66 are disqualify

Date & time for opening of financial proposal will be conveyed to qualified firms through letter/telephonically

S-d/  
Assistant Treasurer  
For Treasurer



Purchase Section

# The Islamia University of Bahawalpur

## Office of the Treasurer

No 8368 /PS  
Date: 27-11-2020

### NOTIFICATION

1. It is notified for information of all concerned that University was floated tender in newspaper for procurements of Misc IT Items, for Directorate of IT. The General Purchase Committee of this University in its meeting held on 12-11-2020 opened the Technical Proposal Envelopes. The Technical Committee IT items in their meeting approved the following firms for opening the financial Proposal Envelops mentioned as under:

#### Tender-C/Misc IT Items:

Sr. No.	Qualified Firm	Tender Items (Serial vise)
1	M/S Al-Fateh Group RY Khan	1 to 35, 37 to 48, 51 to 87, 89 to 91, 93 to 119, 125 to 130, 132 to 167 and 169 to 200 <b>are qualified</b>  36, 49, 50, 88, 92, 120, 121, 122, 123, 124, 131, 168 <b>are disqualified</b>
2	M/S Shirazi Trading Multan	7, 35, 36, 86, 87, 88, 92, 190 <b>are qualified</b> ,  <b>All other items are disqualify</b>

2. Date & time of opening of financial proposal will be conveyed to successful firms through letter/telephonically.

S-d/  
Assistant Treasurer  
For Treasurer