



The Islamia University of Bahawalpur

Purchase Section

Comparative Statement

Purchase of: Networking Items

Demanded By: Directorate of IT

Meeting Held On: 28-01-2021

Comparative Statement signed on; 02.04.2021

Sr No	Item	M/S Computer Marketing Lahore	M/S JWK Innovative Solution Lahore	M/S Wateen Solution Lahore
1	Wireless Controller Rack Mount Wireless Controller for Up to 2000 Access Point, Maximum number of clients 32,000, Maximum throughput Up to 40 Gbps, Maximum WLANs 4096, 4x 10G/1x 1G SFP+/SFP, RJ-45 compatible console port, RJ-45 10/100/1000 management Ethernet port, High-availability LED, 750W Redundant power Supply, IEEE 802.11a, 802.11b, 802.11g, 802.11d, WMM/802.11e, 802.11h, 802.11n, 802.11k, 802.11r, 802.11u, 802.11w, 802.11ac Wave1 and Wave2, 802.11ax Wireless Standards Supported, Web-based: HTTP/HTTPS, Command-line interface: Telnet, Secure Shell (SSH) Protocol, serial port, SNMP, NETCONF, 250 access point subscription license must be included.	---	---	4477078/-
2	16 Port Distributed Switch Rack Mount Distributed Switch 16 x 10-Gigabit SFP/SFP+ ports, 8-port 1/10 Gigabit Ethernet with SFP/SFP+ with Redundant power Supply Slot, 4-core x86, 2.4-GHz CPU, 16-GB DDR4 memory, and 16-GB internal storage, USB mini Type B console port, USB 2.0 host port, Ethernet management RJ-45 port, Console port (RJ-45 Serial), front-facing, passive RFID tag, Bluetooth ready, Blue beacon, supports SSD storage, Type 4 hot-swappable fan module, Advanced security capabilities like ETA, MACSec-128 and Trust Worthy systems, policy-based automation from the edge to the cloud with SD-Access solution, 03 year Service Agreement, 03 year Subscriptions License, All Mounting, Managing & Connecting Accessories.	---	---	1726360.1/-
3	Redundant power Supply 950WAC Power Supply for 16 Port Distributed Switch	---	---	160180.3/-
4	48 Port PoE Network Switch Rack Mount 48 ports full PoE+, 4x 1/10G Modular uplinks, 400 Gbps Switching Capacity, Redundant power Supply slot, 4 GB DRAM, 4 GB Flash Memory, Enhanced security with AES-128 MACsec encryption, policy-based segmentation, and trustworthy systems, UADP 2.0 Mini with integrated CPU, Layer 3 capabilities, including OSPF, EIGRP, ISIS, RIP, and routed access, 03 year Service Agreement, 03 year Subscriptions License, All Mounting, Managing & Connecting Accessories.	---	---	765804.3/-
5	Redundant power Supply 1KW AC Power Supply for 48 Port PoE Network Switch	---	---	228829/-
6	24 Port PoE Network Switch Rack Mount 24 ports full PoE+, 4x 1/10G Modular uplinks, 352 Gbps Switching Capacity, Redundant power Supply slot, 4 GB DRAM, 4 GB Flash Memory, Enhanced security with AES-128 MACsec encryption, policy-based segmentation, and trustworthy systems, UADP 2.0 Mini with integrated CPU, Layer 3 capabilities, including OSPF, EIGRP, ISIS, RIP, and routed access, 03 year Service Agreement, 03 year Subscriptions License, All Mounting, Managing & Connecting Accessories.	---	---	440227.3/-
7	Redundant power Supply 600W Power Supply for 24 Port PoE Network Switch	---	---	152552.7/-
8	SFP Module SFP-10G-LR 10km SFP Module,	---	---	16458.6/-
9	SFP Module SFP-10G-LR 1km SFP Module,	---	---	16458.6/-
10	SFP Module SFP-1G-LR 10km SFP Module,	---	---	10165.6/-
11	16 Port Network Switch Manageable Rack Mount 16 x 10/100/1000 All PoE+ ports, All Mounting, Managing & Connecting Accessories for 9-U Box	184066/-	---	212077.6/-
12	8 Port Network Switch Manageable Rack Mount 8 x 10/100/1000 All PoE+ ports, All Mounting, Managing & Connecting Accessories for 9-U Box	114968/-	288851/-	115618.3/-
13	Air Fiber Point to Point Air Fiber Bridge connectivity, High-Band 5 GHz, 1.2+ Gbps Throughput, 100+ KM Range, Complete Set Both Unit,	---	---	795933.4/-
14	Fiber LAN Card Intel X520 Dual Port 10Gb SFP+ Adapter for Cisco M220-M2 Server	480859/-	---	142865.6/-
15	KVM Switch 16 Ch KVM Switch With Rack Mount LED Screen	269041/-	388050/-	--
16	Access Point Wi-Fi 6 (802.11ax) standard, 2048 MB DRAM, 1024 MB flash, Four radios: 5 GHz (4x4) Flexible radio with 2.4 or 5 GHz (4x4), Unified RF Engine and 802.15.4 for IoT, OFDMA and MU-MIMO, Available with optional embedded wireless controller, Multi-gigabit support, MU MIMO technology, Uplink/downlink OFDMA, Target wake time, BSS coloring, Intelligent Capture, Flexible Radio Assignment, Smart antenna connector, Embedded Wireless Controller, Bluetooth 5, 1x 100, 1000, 2500 Multi-gigabit Ethernet (RJ-45) – IEEE 802.3bz, Management console port (RJ-45), USB 2.0 @ 3.75W, Status LED indicates boot loader status, association status, operating status, boot loader warnings, and boot loader errors, IEEE 802.11 a/b/g/n/ac/ax, IEEE 802.11h, 802.11d, 03 year Service Agreement, 03 year Subscriptions License, All Mounting, Managing & Connecting Accessories	---	---	164102.1/-
17	Smart Power Distribution Unit (PDU) Vertical Type, 12-14 Power Sockets (IEC C14 to C13), 6-8 KW Power Capacity, 1-Phase (L-N), Input plug Type: iec 230v/32a 2p+e 6hr, Hot-swappable network card, HTTP(S), SSH, Telnet, SNMP, (S)FTP, SMTP, Syslog, LDAP(S), RS-232 serial, Star multi-linking (ability to link up to four power circuits using one IP address. Primary link provides backup power to network card.), Temperature/ Humidity Monitoring, Per-Inlet Power Sensing (Current per phase. PIPS includes voltage, active power, apparent power, power factor, and energy).	221518/-	---	411154.7/-

18	29-U Smart Cabinet Built in Power Management, Centralized Monitoring system, Built-in UPS and Batteries 5 KVA (10 Minutes backup time), Centralized control cooling as per ASHRAE standards, Thermal Management and Emergency fans, Metered PDU's, Touch LCD display, Fully compact and isolated cooling from outside environment, Moisture, Dust, Noise proof, One windows operation, all equipment monitoring and management in one screen, Air flow cycle with hot & cold aisle separation, Plug n Play no need to install additional items/room construction., Surge Protection system, 29U available space for hardware mounting, 01 year warranty or equal	2490621/-	---	---
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Findings.

Three financial bids of Networking Items were opened. **M/S Computer Marketing Lahore, M/S JWK Innovative Solution Lahore and M/S Wateen Solution Lahore** quoted the rates.

Recommendations of the Purchase Committee

The Purchase Committee after analyzing the certificate issued by the technical Committee regarding rates and specification (attached at annexure-A) recommended to issue Supply order in the favour of **M/S Computer Marketing Lahore, and M/S Wateen Solution Lahore** for above said items through Treasurer's Office.

In certain item comparison is not possible as rates of other two participant did not offer rates for those item but Technical committee verified the specification and rates are same. ghr

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 Deputy Treasurer (P)

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 Mr. Tahir Mahmood
 Deputy Treasurer (P)



The Islamia University of Bahawalpur

Purchase Section

Comparative Statement

Purchase of: Misc Items

Demanded By: Directorate of IT

Meeting Held On: 28-01-2021

Comparative Statement signed on; 02.04.2021

Sr	Item / Description	M/S Shirazi Trading Multan	M/S Smart Vision Multan	M/S Jeelani Enterprises Multan	M/S Muazzem Enterprises BWP
1	ATX/Standard Power Supply 24pin (500-watt min)	---	9300/-	7450/-	3250/-
2	Paint Brush soft 4"	---	---	---	480/-
3	Toner 05-A (Original Black	---	19300/-	16390/-	11999/-
4	Toner (53-A) Original Black	---	21700/-	18900/-	11999/-
5	Toner 17-A Original	---	13900/-	11440/-	11100/-
6	Cartridge for Printer LINE PRINTER P8000 255048-402	---	16800/-	---	27200/-
7	Toner COPIER SP8200 DN 820076, SP8200A	---	8500/-	---	60699/-
8	Toner COPIER Pro 951 A3VV131, TN015, TN-015	---	38000/-	---	39849/-
9	Toner Cartridge 312 Original Black	14328/-	22400/-	19870/-	11219/-
10	Digital Multi Meter (uni-T) UT139C	---	10200/-	6480/-	2100/-
11	Keyboard USB Standard Keycaps: Round Edge Hotkeys: 12 FN Multimedia Hotkeys Character: Laser Engraving Splash Proof: Yes Adjustable Keyboard Legs: Yes Rating: 5 V / 30 mA Dimension: 454 × 154 × 29 mm Weight: 580 g Cable Length: 150 cm Hardware Connectivity: USB	---	1430/-	1299/-	1449/-
12	Optical mouse USB Type: Wired Ergonomic Design: Symmetric Sensor: Optical Resolution: 1000 DPI Buttons No.: 4 Port: USB Cable Length: 150 cm	---	655/-	853/-	999/-
13	Wireless Presenter Color: Black Laser Class: Class 2 Laser Max Output: Less than 1mW Wave Length: 640~660nm (red light) Battery type: 2 AAA batteries Battery life (Laser pointer): 20-hour maximum Battery life (Presenter): 1050-hour maximum Wireless operating distance: Approx 10m 2 Wireless technology: 2.4 GHz wireless technology Height x Width x Depth: 1.49 in (37.8 mm) x 4.55 in (115.5 mm) x 1.08 in (27.4 mm)	---	2100/-	4181/-	2148/-
14	AAA Alkaline Cell	---	44/-	---	161/-
15	AA Alkaline Cell	---	45/-	---	161/-
16	Drill bits 4.5mm to 8mm (30 each size) total 200 bits	---	---	---	98/-
17	Hard Drive 2.5 Enclosure USB 3.0 Compatible HDD Type 2.5 inch HDD / SSD Output USB3.0 Micro B Controller JMS578 Supported Capacity 4TB Dimension 124.5 x 79 x 13mm Safety Approval CE / FCC / RoHS	---	960/-	2700/-	1360/-
18	HDMI 2.0, 4K Cable Length 10m, male to male	---	2100/-	4643/-	1597/-
19	HDMI 2.0, 4K Cable Length 15m, male to male	---	2800/-	9975/-	2477/-
20	Toner Original (79-A)	---	12600/-	11875/-	12480/-

Sr	Item / Description	M/S Shirazi Trading Multan	M/S Smart Vision Multan	M/S Jeelani Enterprises Multan	M/S Muazzem Enterprises BWP
21	HP Original (26-A)		21700/-	23800/-	28099/-
22	Projector Screen 150 Inch Electric Motorized 10x8 Feet	---	24500/-	21837/-	28749/-
23	Projector Screen 120 Inch Electric Motorized 8x6 Feet	---	17500/-	15425/-	11100/-
24	Projector ceiling mount kit with screws 2feet aluminum	---	1700/-	1956/-	2429/-
25	HDMI 2.0, 4K Cable Length 20m, male to male	---	---	12781/-	4848/-
26	Bar code scanner Handheld wireless 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 Or equivalent	---	---	40500/-	12769/-
27	Bar code scanner Handheld 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 symbologis Or equivalent	---	---	13560/-	16799/-
28	Universal multi pin plug to EU Convert Plug from Overseas Appliances to be used in EU Convert from UK / EU / US / CN upto 10AMP	---	60/-	65/-	163/-
29	Microphone (Wireless) 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 Or equivalent	---	---	18900/-	16744/-
30	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 Or equivalent	---	---	31475/-	34100/-

31	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	---	104000/- pair	99330/-	38333/-
32	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 Full-bandwidth overload protection Integrated transformer for 70 V, 100 V, or 8 Ω 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 Frequency Range (-10 dB) 65 - 20000kHz Weight Net 5.95lbs (2.7kg) Height 6.93" (176mm)	---	42000/- Pair	39770/-	28641/-
33	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	---	70000/- Pair	66330/-	28641/-
34	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	---	97000/- Pair	92770/-	37777/-
35	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	---	76000/-	72330/-	76999/-
36	Toner for Bizhub 458	---	17800/-	---	19199/-
37	Wooden power Board Complete (8 x 10) with sheet	---	4000/-	---	499/-
38	De-soldering PUMP	---	3000/-	483/-	1605/-
39	Audio Mixer 16 ~ 24 channel 1000-watt powered mixer	---	58000/- 150000/-	298330/-	285390/-
40	USB LAN Card gigabit	---	2500/-	2850/-	1119/-
41	Wireless Keyboard Mouse set 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: Steek 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	---	3800/-	2850/-	4749/-
42	1.5v Cell size D	---	130/-	---	299/-
43	DDR4 Ram 8GB Laptop	---	6900/-	6990/-	9550/-
44	DDR 4 Ram 8GB Desktop	---	6900/-	6990/-	9500/-
45	Imageclass Toner 047	12806	20500/-	---	17449/-
46	Drum cartridge 049	14536/-	30000/-	---	19099/-
47	Imageclass toner 057	25956/-	28600/-	---	27698/-
48	Full Range Speaker set (2 speaker)	---	17000/- Pair	16500/-	8520/-
49	Amplifier with3 Aux Cable – 3 channels	---	---	21500/-	10696/-
50	Any Cast B-100 4K	---	2900/-	3450/-	4770/-
51	Vga to HDMI converter	---	1100/-	540/-	2446/-
52	5x1 way HDMI splitter 5input 1 output	---	---	1850/-	6363/-
53	1x2way hdmi splitter	---	---	1957/-	2240/-

54	HDMI to CAT 6 converter set	---	4800/- 12500/-	3850/-	4718/-
55	Wireless Mic set (hand held+collar mic)	---	---	5550/-	4444/-
56	USB extension cable 1.5meter 3.0	---	300/-	800/-	419/-
57	Color Printer inkjet A3 A3+ Borderless Photo Printing Print Method: On-demand inkjet (Piezoelectric) Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume: 1.5pl Nozzle Configuration: 90 per color (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Black) Print Method: On-demand inkjet (Piezoelectric) Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume: 1.5pl Automatic Duplex Printing: No Print Direction: Bi-directional printing, Uni-directional printing Nozzle Configuration: 90 per colour (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Black) Paper Sizes: A3+, A3, B4, A4, A5, A6, B5, 10x15cm (4x6"), 13x18cm (5x7"), 16:9 wide size, Letter (8.5x11"), Legal (8.5x14"), Half Letter (5.5x8.5"), 9x13cm (3.5x5"), 13x20cm(5x8"), 20x25cm(8x10"), Envelopes: #10(4.125x9.5") DL(110x220mm), C4 (229x324mm), C6(114x162mm) connectivity Standard: USB 2.0 Or equivalent	---	---	128330/-	160000/-
58	Color Printer inkjet Print Method: On-demand inkjet (Piezoelectric) Maximum Print Resolution: 5,760 x 1,440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume: 1.5 pl Nozzle Configuration: 90 nozzles, each colour (Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta) Draft, A4 (Black / Colour): Approx. 37 ppm / 38 ppm *1 ISO 24734, A4 Simplex (Black / Colour): Up to 5.1 ipm / 4.8 ipm *1 Photo Default: Approx. 27 sec per photo (Borderless) *1 Max Photo Default: Approx. 12 sec per photo (Borderless) *1 Standard Paper Input Capacity: Up to 120 sheets, A4 Plain Paper (75g/m2) Up to 20 sheets, Premium Glossy Photo Paper Output Capacity: Up to 50 Sheets, A4 Plain Paper (Default mode Text) Maximum Paper Size: 215.9 x 1117.6mm (8.5 x 44") Paper Feed Method: Friction feed Paper Size: A4, A5, A6, B5, 10 x 15cm (4 x 6"), 13 x 18cm (5 x 7"), 16:9 wide size, Letter (8.5 x 11"), Legal (8.5 x 14"), Half Letter (5.5 x 8.5"), 9 x 13cm (3.5 x 5"), 13 x 20cm (5 x 8"), 20 x 25cm (8 x 10"), 100 x 148mm, Envelopes: #10 (4.125 x 9.5"), DL (110 x 220mm), C6 (114 x 162mm) connectivity Standard: USB 2.0 Network: IEEE 802.11b/g/n Or equivalent	---	---	60400/-	74996/-
59	Color Multifunction Printer inkjet Print Method: On-demand inkjet (Piezoelectric) Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume: 1.5 pl Control Panel: 2.7" TFT Colour LCD Nozzle Configuration: 90 nozzles, each colour (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Black) Print Method: On-demand inkjet (Piezoelectric) Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume: 1.5 pl Automatic Duplex Printing: No Control Panel: 2.7" TFT Colour LCD Print Direction: Bi-directional printing, Uni-directional printing Nozzle Configuration: 90 nozzles, each colour (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Black) Reduction / Enlargement: 25 - 400%, Auto Fit Function Max Copies: 99 copies Scanner Type: Flatbed colour image scanner Sensor Type: CIS Optical Resolution: 1200 X 2400 dpi Maximum Scan Area: 216 X 297mm (8.5" X 11.7") Scanner Bit Depth (Colour): 48-bit internal, 24-bit external Scanner Bit Depth (Grayscale): 16-bit internal, 8-bit external Scanner Bit Depth (Black & White): 16-bit internal, 1-bit external Scanner Type: Flatbed colour image scanner Sensor Type:CIS Optical Resolution:1200 X 2400 dpi Maximum Scan Area:216 X 297mm (8.5" X 11.7") Scanner Bit Depth (Colour): 48-bit internal, 24-bit external Scanner Bit Depth (Grayscale): 16-bit internal, 8-bit external Scanner Bit Depth (Black & White): 16-bit internal, 1-bit external Copy speed: Draft, A4 (Black / Colour): Approx. 37 cpm / 38 cpm Type of Direct Printing: Card Slots, PictBridge, Direct USB PortType of Direct Printing: Card Slots, PictBridge, Direct USB Port Number of Paper Trays:1 Standard Paper Input Capacity:Up to 100 sheets, A4 Plain paper (75g/m2) Up to 20 sheets, Premium Glossy Photo Paper Output Capacity: Up to 50 sheets, A4 Plain paper Up to 20 sheets, Premium Glossy Photo Paper Maximum Paper Size: 215.9 x 1117.6mm (8.5 x 44") Paper Sizes: A4, A5, A6, B5, 10x15cm(4x6in), 13x18cm(5x7in), 9x13cm(3.5x5in), Letter(8.5x11in), Legal(8.5x14in), Half Letter(5.5x8.5in), 13x20cm(5x8in), 20x25cm(8x10in), 16:9 wide size, 100x148mm Envelopes: #10(4.125x9.5in), DL(110x220mm), C6(114x162mm) Paper Feed Method: Friction feed Print Margin: 0 mm top, left, right, bottom via custom settings in printer driver *3 Or equivalent	---	---	128250/-	115099/-
60	ink KIT for L805	---	---	10400/-	6399/-
61	ink KIT for L1800	---	---	10400/-	12930/-
62	Ink KIT for L850	---	---	10400/-	9660/-

63	Bar code label printer 152.4 mm (6") per second print speed • 300 meter (984") ribbon supply on a 25.4 mm (1") core (coated outside) • 72 to 110 meter (361") ribbon supply on a 12.7 mm (0.5") core (coated outside) • 127 mm (5") OD internal media supply, optional external media holder supports 214 mm (8.4") OD label rolls on 76.2 mm (3") core Or equivalent • Print mechanism for kiosk applications • 400 MHz 32-bit RISC processor with 16 MB SDRAM, 8 MB Flash memory for TE200/TE300, and 64 MB SDRAM, 128 MB Flash memory for TE210/TE310 • Internally scalable true type fonts • TSPL-EZ firmware emulates TPLE and TPLZ languages out of the box • Free Windows® drivers and label design software (available via download) • ENERGY STAR® qualified	---	28300/-	28548/-	39888/-
64	Barcode label 2x1" ROLL	---	---	289/-	489/-
65	3" carbon roll label printer	---	---	731/-	799/-


Findings.

Four Tenders of I.T Items are received. **M/S Smart Vision Multan, M/S Jeelani Enterprises Multan and M/s Muazzem Enterprises BWP and M/S Shirazi Trading Multan** quoted the lowest rates.

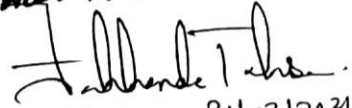
Recommendations of the Purchase Committee

The Committee after analyzing the statement showing the lowest rates, findings and recommended to issue Supply order in the favour of **M/S Smart Vision Multan, M/S Jeelani Enterprises Multan and M/s Muazzem Enterprises BWP and M/S Shirazi Trading Multan** for above said items through Treasurer's Office.


= comparison of price for all items are present, order to lowest one

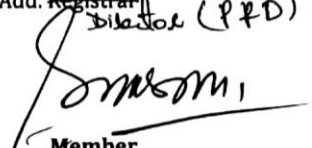

Chairman
Dr. Muhammad Iqbal
Chairman Plant & Breeding Deptt.
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Member
Dr. Abou Bakar
Treasurer



Member
31/03/2024
MS. Farkhanda Tahseen
Add. Registrar
Director (P&D)


Co-opted Member
Mr. Rizwan Majeed
Director IT


Member
Mr. Aurang Zeb
Add. Director (IT)


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