



**Dr. Babasaheb Ambedkar Technological University,**  
P.O. LONERE - 402 103, Tal. Mangaon, Dist. Raigad

Our Ref No.: DBATU/Store/Sports/ Computer and Printer /2023/3268

Date: 18/12/2023

Quotation for Computer and Printer

Due On 29/12/2023

Date of Opening 30/12/2023

Time: 19 DEC 2023

To.

**Sub: QUOTATION FOR THE COMPUTER AND PRINTER**

Dear Sir,

Your quotation for the items listed overleaf, may please be submitted to the under signed, so as to reach this Office not later than 29/12/2023  
While submitting your quotation, the following procedure may please be observed and other points borne in mind.

01. The maker's name must be specified.
02. The "Terms and Conditions" for supply and delivery of stores, should be clearly indicated in the quotation, stating whether rates are, inclusive of all taxes, Packing and forwarding charges Freight charges etc. or not, however rates offered as including all taxes will be more welcome.
03. If packing and forwarding charges are to be charged separately, it should be so clearly stated in your quotation.
04. Please mention clearly whether consignment would be Ex-Godown, Ex-Shop, of F.O.R. dispatching stations. Preferably terms offered as "Delivery of consignment of stores, on F.O.R."
05. Envelope should be clearly marked with our reference No and date of this quotation. It should also be superscripted as per the format given above.
06. The quotation would be opened as per date and timing given above, if desired by you, you may depute an authorized representative with a letter of authority to be present at the time of opening of the quotation at this Office on the aforesaid day, date & time.
07. Your quotation must be valid for a minimum 30 (Thirty) working days from the date of it's opening.
08. Quotation received after the date of opening may not be taken into consideration.
09. Items tendered should confirm to the specification shown in the attached list when and where, full or no specifications are indicated against items in the list. Kindly furnish your full specification in accordance with accepted standards against each item tendered. Where reference to catalogue is made, the relevant catalogues/ Pamphlets/ Literature should accompany the quotation.
10. Your quotation should be for all new items and not for second hand.
11. Please state whether items will be available Ex-Stock. If not the minimum period for delivery, or for supplying the items or stores.



12. It should be clearly stated whether GST, Excise-Duty, Sales-Tax, Central Sales Tax, Insurance, Freight or packing and forwarding charges, or any other taxes and duties etc. Leviable.
13. It would be appreciated if illustrated catalogues/Literature etc. is furnished with the quotation.
14. Expression to as "Complete with standard Equipment" complete with standard accessories "Equipment to" As good as should be avoided. If at all their use is unavoidable then it should be very specifically indicated as to what exactly they mean and what exactly would be supplied under them. Any ambiguity or vagueness should be avoided.
15. For convenience, kindly adopt while quoting the same serial Nos. as given in the list detailed below.

Thanking You.

Yours faithfully,



**Registrar**

Dr. Babasaheb Ambedkar Technological University

Sr. No.	Description/Specification	Make of Better	Approx. Qty. Req	Rate per/Each Unit	Total Cost in Rs.
1	Computer As per attach annexure I		02		
2	Printer As per attach annexure I		01		

## Annexure I

## Required specifications of All in One computer:

Sr. No	Parameter	Minimum Acceptable value
	Qty.	02
1	Operating system	Windows 11 Pro
2	Processor family	12th Generation Intel® Core™ i5 processor
3	Processor	Intel® Core™ i5-12500 (up to 4.6 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 6 cores, 12 threads)
4	Chipset	Intel® Q670 (vPro®)
5	Graphics	Integrated,
6	Graphics	Intel® UHD Graphics 770
7	Memory	16 GB DDR5-4800 MHz RAM (1 x 16 GB)
8	Memory Slots	2 SODIMM
9	Internal Storage	512 GB PCIe® NVMe™ TLC SSD
10	Display	23.8" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC
11	Display	60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 72% NTSC
12	Color gamut	72% NTSC
13	Minimum dimensions (W x D x H)	53.96 x 23.8 x 55.81 cm (System dimensions may fluctuate due to configuration and manufacturing variances.)
14	Weight	9.26 kg (Exact weight depends on configuration.)
15	Software included	- Notifications; - PC Hardware Diagnostics UEFI; - Support Assistant; - Connection Optimizer; - Privacy Settings; - PC Hardware Diagnostics Windows; - Desktop Support Utilities; My-; - QuickDrop; - Easy Clean; Touc-o-int Customizer for Commercial; - Easy Clean Keyboard Driver; HSA Fusion for Commercial; HSA Telemetry for Commercial
16	Available software	Smart Support
17	Management features	Client Catalog (download); - Driver Packs (download); - Image Assistant (download); - Client Management Script Library (download); - Connect for Microsoft Endpoint Manager; - Manageability Integration Kit (download); - Patch Assistant (download); - CECF Enabled Configuration
18	Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)



Sr. No	Parameter	Minimum Acceptable value
19	Form factor	All-in-one
20	Keyboard	Wired Desktop Keyboard
21	Camera	5 MP Swivel camera with integrated dual array digital microphones
22	Audio	Audio by Bang & Olufsen, 5 W stereo speakers, headset and headphone side ports (3.5 mm), high performance integrated stereo speakers
23	Pointing device	125 Wired Mouse
24	Expansion slots	1 M.2 2230; 3 M.2 2280 (1 M.2 2230 slot for WLAN and Bluetooth® combo. 3 M.2 2280 for NVMe SSD for storage one attached to CPU PCIe Gen 4.0 and two attached to PCH PCIe Gen 3.0)
25	Ports	Left side 1 headphone/microphone combo
26	Ports Security management	Right side 1 USB Type-C® 20Gbps signaling rate (charging); 1 USB Type-A 10Gbps signaling rate
		Rear 1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 HDMI-in 1.4; 1 dual-mode DisplayPort™ 1.4; 1 RJ-45
		Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified); - Sure Start; - Secure Erase; - Sure Click; - Sure Sense; Absolute Persistence module; - Sure Admin; - BIOSphere Gen6; - Client Security Manager Gen7; - Tamper Lock; - Sure Run Gen6; - Sure Recover Gen6; - Platform Certificate; Seamless Firmware Update Service; Secured-CORE PC Disable; Windows Hello Enhanced Sign-in Security (ESS) Enable
27	Ecolabels	TCO Certified
28	Preloaded Software	Ms-Office latest lifetime version bussness lifetime
29	Manufacturer Warranty	3 years onsite warranty



## Annexure I

## Required Specifications of Multifunction Printer:

Sr. No	Feature	Minimum acceptable value
	Number of Quantity	01
1	Automatic document feeder capacity	Standard. 50 sheets
2	Automatic paper sensor	No
3	Bit depth	24-bit
4	Bottom margin (A4)	5 mm
5	Color or black	Black and white
6	Color scanning	Yes
7	Compatible Network Operating Systems	Windows 11; Windows 8; Windows 7; Windows Server; Linux; Citrix; UNIX
8	Compatible Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave
9	Connectivity, standard	1 Hi-Speed USB 2.0; 2x host USB; Gigabit Ethernet 10/100/1000BASE-T network; 802.11b/g/n; 2.4/5 GHz Wi-Fi radio
10	Control panel	2.7" Color Touchscreen
11	Copier scaling (ADF)	25 to 400%
12	Copies, maximum	Up to 999 copies
13	Copy reduce / enlarge settings	25 to 400%
14	Copy resolution (black text)	Up to 600 x 600 dpi
15	Copy resolution (color text and graphics)	Up to 600 x 600 dpi
16	Copy speed (black, normal quality, A4)	Up to 35 cpm
17	Copy speed black duplex (A4)	Up to 31 cpm
18	Copy speed black duplex (Letter)	Up to 33 cpm
19	Digital sending standard features	Scan to email with LDAP email address lookup. Scan to network folder. Scan to USB. Scan to Microsoft SharePoint®, Scan to computer with software. Quick Sets
20	Display	2.7" (6.86 cm) intuitive color touchscreen (CGD)
21	Display area (metric)	5.4 x 4.05 cm
22	Duplex ADF scanning	No
23	Duplex printing	Automatic (default)
24	Duty cycle (monthly, A4)	Up to 80,000 pages
25	Duty cycle (monthly, letter)	Up to 80,000 pages
26	Energy savings feature technology	Auto-On/Auto-Off Technology
27	Energy star certified	No
28	Enhanced scanning resolution	Up to 1200 x 1200 dpi
29	Envelope Feeder	No
30	Faxing	Sheetfeed
31	Finished output handling	



32	First copy out black (A4, sleep)	As fast as 5.9 sec
33	First copy out black (A4)	As fast as 5.8 sec
34	First copy out black (letter, sleep)	As fast as 5.8 sec
35	First copy out black (letter)	As fast as 5.9 sec
36	First page out black (A4, ready)	As fast as 6.1 sec
37	First page out black (A4, sleep)	As fast as 6.7 sec
38	First page out black (letter, ready)	As fast as 5.8 sec
39	First page out black (letter, sleep)	As fast as 6.4 sec
40	Fonts and typefaces	84 scalable TrueType fonts
41	Functions	Print, Copy, Scan
42	Input capacity	Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)
43	Internal Storage	No
44	Left margin (A4)	4 mm
45	Levels of grayscale	
46	Mac compatible	Yes
47	Maximum Input Capacity (envelopes)	Up to 10 envelopes
48	Maximum input capacity (sheets)	Up to 900 sheets (with Optional 550-sheet tray)
49	Maximum Memory	512 MB DDR; 512 MB Flash
50	Maximum output capacity (sheets)	Up to 150 sheets
51	Maximum print area	207.4 x 347.1 mm
52	Media size (ADF)	Letter; Legal; A4; custom sizes 102 x 152 to 216 x 356 mm
53	Media type and capacity, ADF	Sheets: 50 uncurled
54	Media type and capacity, tray 1	Sheets: 100; Envelopes: 10
55	Media type and capacity, tray 2	Sheets: 250
56	Media type and capacity, tray 3	Sheets: 550 (optional)
57	Media types	Paper (plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels
58	Media weight (tray 1)	60 to 200 g/m <sup>2</sup>
59	Media weight (tray 2)	60 to 120 g/m <sup>2</sup>
60	Media weight (tray 3)	60 to 120 g/m <sup>2</sup> (optional 550-sheet tray)
61	Media weight, supported	Tray 1: 60 to 200 g/m <sup>2</sup> ; tray 2, optional 550-sheet tray 3: 60 to 120 g/m <sup>2</sup>
62	Media weights, supported ADF	60 to 120 g/m <sup>2</sup>
63	Memory	512 MB DDR; 512 MB Flash
64	Memory card compatibility	No
65	Minimum System Requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com
66	Minimum System Requirements for Macintosh	2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com
67	Mobile printing capability	ePrint, Apple AirPrint™, Mopria™ Certified; Wi-Fi® Direct Printing; Google Cloud Print™, Smart App and other mobile Apps
68	Modem	33.6 Kbps



100	Print Technology	Laser
101	Print technology	Laser
102	Printer Management	Printer Assistant; , Utility (Mac); . Device Toolbox; . Web JetAdmin Software; . JetAdvantage Security Manager; . SNMP Proxy Agent; . WS Pro Proxy Agent; Printer Administrator Resource Kit for . Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
103	Printer smart software features	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, . ePrint, and Wi-Fi Direct Printing, . Auto-On/Auto-Off Technology, Intuitive 2.7" touchscreen control panel, Scan/Print from Cloud using apps on the control panel, Job Storage with PIN printing, Print from USB, N-up printing, collation
104	Processor speed	1200 MHz
105	Product long name specifications	. LaserJet Pro MFP M329dw - Print, Copy, and Scan: prints up to 37 ppm (letter) and 35 ppm (A4); Scan to email/folder/USB/Cloud. Up to 80,000 page duty cycle. 750-4,000 recommended monthly page volume. Gigabit ethernet networking, Dual-band wireless networking; Bluetooth low energy; Wi-Fi Direct; Auto-duplex printing
106	Product short name specifications	. LaserJet Pro MFP M329dw, Print, Copy, Scan, Wireless; Scan to email
107	Recommended media weight (duplex)	60 to 120 g/m <sup>2</sup>
108	Recommended monthly page volume	750 to 4000
109	Recommended monthly scan volume	750 to 4000
110	Recommended monthly scan volume note	750 to 4000
111	Recommended operating humidity range	30 to 70% RH
112	Recommended operating temperature range	15 to 27°C
113	Registration required	No
114	Replacement cartridges	CH/IN: For distribution and use in China (PRC) and India only: . 77A Black LaserJet Toner Cartridge (~3,100 pages), CF277A; . 77X Black LaserJet Toner Cartridge (~9,800 pages), CF277X
115	Resolution	Up to 1200 x 1200 dpi
116	Right margin (A4)	4 mm
117	RMN number	SHNGC-1801-01
118	Safety	IEC 60950-1:2005 +A1:2009+A2:2013/EN 60950-1:2006 +A11:2009+A1:2010+A12:2011+A2:2013; IEC 60825-1:2014/EN 60825-1:2014 (Class 1 Laser/LED Product); IEC 62479:2010/EN 62479:2010
119	Scan file format	PDF, JPG, TIFF



69	Native scan file format	PDF; JPG
70	Network capabilities	Gigabit Ethernet 10/100/1000BASE-T network: 802.11b/g/n; 2.4/5 GHz Wi-Fi radio
71	Network protocols, supported	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, ePrint, Apple AirPrint™, Google Cloud Print 2.0, Mopria, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6), SSL, Security and Certificate management; Management: SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download
72	Number of print cartridges	1 (black)
73	Operating humidity range	10 to 80% RH
74	Operating temperature range	10 to 32.5°C
75	Orderable supplies	Additional Tray (Optional) 550 sheet
76	Output capacity	Up to 150 sheets
77	Page yield (set-up/inbox cartridges)	~1500 pages black
78	Paper handling input, optional	Optional third 550-sheet tray
79	Paper handling input, standard	100-sheet tray 1, 250-sheet input tray 2
80	Paper handling output, standard	150-sheet output bin
81	Paper trays, maximum	3
82	Paper trays, standard	2
83	Plug and play	Auto Wireless Connect; Easy wireless setup with . Smart App
84	Power	110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual voltage, product varies by part number with # Option code identifier). Not dual voltage, power supply varies by part number with # Option code identifier.
85	Power consumption	510 watts (active printing), 7.5 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Wake on LAN, enabled at shipment); 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off)
86	Power supply type	Internal (Built-in) power supply
87	Print colors	No.
88	Print languages	PCL 6, PCL 5c, , postscript level 3 emulation, PDF, URF, Native Office, PwG Raster
89	Print quality black (best)	FastRes1200 (Enhanced up to 4800 x 600 dpi)
90	Print quality black (normal)	FastRes1200 (Enhanced up to 4800 x 600 dpi)
91	Print resolution black (fine lines)	ProRes1200 (up to 1200 x 1200 dpi)
92	Print Resolution Technologies	FastRes1200, ProRes1200, 600 dpi
93	Print speed	Up to 35 cpm
94	Print speed black (ISO, A4)	Up to 35 cpm
95	Print speed black (ISO, letter)	Up to 37 cpm
96	Print speed black (Landscape, A5)	Up to 58 cpm
97	Print speed black (Portrait, A5)	Up to 14 cpm
98	Print speed duplex (A4)	Up to 31 cpm
99	Print speed footnote number (A5)	[7]



120	Scan input modes	Front-panel scan, copy, email, or file buttons; . Scan software; and user application via I WAIN or WIA
121	Scan resolution, hardware	Up to 300 x 300 dpi
122	Scan resolution, optical	Up to 1200 x 1200 dpi
123	Scan size (ADF), maximum	216 x 356 mm
124	Scan size (ADF), minimum	102 x 152 mm
125	Scan size, maximum	216 x 297 mm
126	Scan speed (normal, A4)	Up to 29 ppm (b&w), up to 20 ppm (color)
127	Scan speed (normal, letter)	Up to 31 ppm (b&w), up to 21 ppm (color)
128	Scan technology	Contact Image Sensor (CIS)
129	Scanner advanced features	Scan to cloud (Google Drive and Dropbox); Scan to email with LDAP email address lookup; Scan to network folder; Scan to USB; Scan to Microsoft sharepoint; Scan to computer with software; Quicksets
130	Scanner type	Flatbed, ADF
131	Segment (filter)	Business
132	Standard output capacity (envelopes)	Up to 10 envelopes
133	Storage device and direct print support	Wireless direct printing; Optional job storage via external rear host USB port (Minimum 16GB); Walk-up USB printing
134	Storage temperature range	-20 to 40°C
135	Supplies feature	etIntelligence Cartridge
136	Sustainable impact specifications	Mercury-free
137	Top key features	Wireless; Scan to email
138	Top margin (A4)	5 mm
139	Twain version	Version 2.3
140	Warm-up time	As fast as 31.3 sec
141	Wireless capability	Yes, built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct; Bluetooth Low-Energy