

(TENDER BID REFERENCE)

Kumaun University, Nainital (Uttarakhand)



e-TENDER DOCUMENT

for

Digitalisation of Examination Section
Kumaun University, Nainital

Official website: www.kunainital.ac.in

Feb 2024

**Kumaun University,
Office of the Registrar**

Email: registrar@kunainital.ac.in

Phone: 05942-235563

E-PROCUREMENT TENDER NOTICE

Kumaun University invites online bids as per Two Bids System (Technical and Financial) from reputed & eligible Seller/agencies through e-procurement for **Digitalisation of Examination Section, Kumaun University, Nainital**

Critical Date Sheet

Bid Document Download/Starts Date & Time	:	10-02-2025 - 10.00 AM
Date of Pre-Bid meeting	:	12-02-2025 - 11:30 a.m.
Bid Submission Start Date and Time	:	13-02-2025 - 11.00 p.m.
Bid Submission End Date & Time	:	24-02-2025 - 11:00 a.m.
Date and time of opening of Bids (Technical)	:	24-02-2025 - 11:30 a.m.
Bid Opening Date	:	Will be intimated to the qualified bidders at a later date

Notes:

- 1- All details regarding the subject tender are available on websites <https://www.uktender.gov.in> Any change/ modification in the Tender Enquiry/ Tender Document will be intimated through above websites only. Bidders are therefore, requested to visit the websites regularly to keep themselves updated.
- 2- Bids shall be submitted online only at website: (<https://www.uktender.gov.in>). Manual bids shall not be accepted.
- 3- EMD should reach the Office of the Registrar, Kumaun University, Mallital, Nainital – 263001 Uttarakhand on or before the end date and time of bid submission, failing which offer will be liable for rejection. Bidders, however have to attach scanned copy of EMD documents along with their e-tender.
- 4- **Clarifications/queries, if any, can be addressed to the Personal Officer, Office of the Registrar on telephone# 05942-235563 and email: registrar@kunainital.ac.in**



As per Uttarakhand Procurement Rules 2017 separate item wise E-Tender are invited in Public Procurement Portal of Uttarakhand State WWW.UKtenders.gov.in under two bid system for purchase of Computer, Laptops etc for digitization work of Examination section, Kumaun university nainital from 10-02-2025 to 24-02-2025. The received tenders will be opened by the purchase committee constitute by the university in front of the present bidders on 24-02-2025 at 11.30 AM. If said date the declared a holiday due to any reason, the said tender will be opened on its next working day . The e-tender notice is as follows-

1 - Standard Terms and Conditions

1 - The details of the item to be purchased are as follows –

Sl.	Particulars	Quantity
1	Rack Server	02
2	Laptops	10
3	PC i5	10
4	PC i7	05
5	Heavy Duty Printers	02
6	Heavy Duty Shredder	03
7	Answer Copy Scanner	01
8	Lamp Scanner	05
9	ADF Scanner	05
10	Online UPS	01

- 1.1 PAN card copy will have to be uploaded in the portal.
- 1.2 GST Registration copy will have to be uploaded in the portal.
- 1.3 All items mentioned in the bid should be of Original OEM. Duplicate/Assembled items will not be accepted and in case of duplicate/Assembled items the respective bid will be rejected.
- 1.4 Offered product's Make & Model number must be clearly mentioned.
- 1.5 The bidder is required to upload self-attested copies of Income Tax Returns (ITR) for Assessment Years 2022-23, 2023-24, and 2024-25 in the online portal as part of the technical bid submission process.
- 1.6 The receipt/draft of the tender form fee must be uploaded in the technical bid, and the original copy should be placed in the technical envelope and submitted to the university. Without it, the bid may be considered incomplete or invalid.
- 1.7 The details of item wise prescribed Earnest Money Deposit (EMD) are as follows –

Sl.	Particulars	EMD Amount
1	Rack Server	Rs. 27,000=00
2	Laptops	Rs. 18,000=00
3	PC i5	Rs. 23,100=00
4	PC i7	Rs. 14,250=00
5	Heavy Duty Printers	Rs. 30,000=00
6	Heavy Duty Shredder	Rs. 18,000=00
7	Answer Copy Scanner	Rs. 24,000=00
8	Lamp Scanner	Rs. 6,750=00



9	ADF Scanner	Rs. 9,750=00
10	Online UPS	Rs. 18,000=00
	Total	Rs. 1,88,850=00

If a bidder is willing to tender for all items then he will have to deposit total EMD of Rs. 1,88,850=00 (₹ One lakh eighty eight thousand eight hundred fifty) The EMD amount must be submitted by the bidder in the form of a demand draft, pay order, banker's cheque, or bank guarantee, which must be issued in the name of the Finance Officer, Kumaun University, Nainital, and must be drawn from a commercial bank and payable in Nainital.

The EMD amount, in whatever form it is submitted, must be uploaded in the technical bid section of the designated portal, and the original copy must be kept in the technical envelope and made available to the university. The EMD must be valid for at least 03 (three) months after the tender submission date.

The EMD of successful bidders will be retained by the university. In case the bidder withdraws the tender after submission or fails to execute the required agreement within the specified period, the EMD will be forfeited.

- 1.8 All bidders are required to upload the following documents related to GST compliance
- 1- A **No Due Certificate** issued by the competent authority, confirming that the bidder has no outstanding GST liabilities. If the bidder is registered in the State of Uttarakhand, the referenced certificate must be issued by the Jurisdictional Tax Authority under whose jurisdiction the supplier falls. In cases where the supplier is under central jurisdiction, the referenced certificate must be issued by the State Tax Authority within whose geographical limits the centrally administered supplier is located.

For bidders registered in any state outside Uttarakhand, the referenced certificate must be issued by the jurisdictional tax authority where the supplier is registered.

- 2- GST Statement>Returns confirming that all GST returns have been filed for the relevant period.

- 1.9 The bidder should have the following item wise an average annual turnover in the last three financial years (considering FY— 2021-22, 2022-23, 2023-24).

Sl.	Particulars	Required Turn over
1	Rack Server	Rs. 14 Lakh
2	Laptops	Rs. 10 Lakh
3	PC i5	Rs. 12 Lakh
4	PC i7	Rs. 08 Lakh
5	Heavy Duty Printers	Rs. 16 Lakh
6	Heavy Duty Shredder	Rs. 09 Lakh
7	Answer Copy Scanner	Rs. 12 Lakh
8	Lamp Scanner	Rs. 04 Lakh
9	ADF Scanner	Rs. 05 Lakh
10	Online UPS	Rs. 10 Lakh
	Total	Rs. 1 crore

If a bidder is willing to tender for all items then his average annual turnover in the last three financial years (considering FY— 2021-22, 2022-23, 2023-24) should be Rs 1 crore. Bidder shall have to submit Audited Balance Sheet/Audited Accounts/Auditor

- Certificate in support of their claim.
- 1.10 The bidder shall have executed similar nature of in the last three financial years (2021-22, 2022-2023, 2023-2024) in Government Departments/PSUs/autonomous body/any reputed organization. (Attached purchase orders).
 - 1.11 The Bidder should provide bid specific OEM authorization for all products quoted.
 - 1.12 The bidder should submit Malicious Code Certificate for Laptops and AIO.
 - 1.13 Hardware's like Keyboard, Mouse and other accessories should be of the same OEM for computers and OEM logos (not stickers) must be embossed/etched on the all accessories.
 - 1.14 Certificate of compliance with the technical specification of items to be issued by the bidder on the OEM letterhead.
 - 1.15 Original Equipment Manufacturer (OEM) must have a Functional Service Centre within state of UTTARKHAND to provide mandatory ONSITE support. Valid trade license CST certificate should be uploaded along with the bid for proof of this.
 - 1.16 The Bidder must not be blacklisted. Please submit self-declaration in bidder's letter head pad.
 - 1.17 Desktop OEM should be among top five companies as per latest IDC rating.
 - 1.18 The bidder must enclose the undertaking for replacement of defective items/parts and software problem at on site (customer's site) within 48 hrs without any extra cost.
 - 1.19 Bidder must upload undertaking from the OEM regarding the preloaded Operating System for Laptops and All in One.
 - 1.20 The bidder must upload clear details of Make and Model number of each item in the portal.
 - 1.21 Tender Fee (Non-Refundable) - Rs. 1,000 (Rs. One Thousand only) for each item To be submitted manually at the Office of the Registrar, Kumaun University Mallital, Nainital – 263001 Uttarakhand on or before the end date and time of bid submission.
 - 1.22 Selected bidder will supply the material at scheduled destination/Examination Wing of the Kumaun University within 30 days of issue of Order and release of relevant documents for which no extra cost will be paid.
 - 1.23 All Technical evaluations will be done on the basis of attached specifications in the ATC
 - 1.24 Bidder has to upload separate tender for each item.
 - 1.25 Clarification/Queries, if any, can be addressed to
Senior Personal Assistant,
Office of the Registrar,
Kumaun University Mallital, Nainital
Uttarakhand. Pin - 263001
Phone No.: 05942 - 05942-235563
Email: registrar@kunainital.ac.in

3- Time for Completion

The maximum completion and delivery time for the proposed work is one month (30 days) from the date of order issued by the University.

4- Preparation of Bid

- 4.1 **DOCUMENTS COMPRISING THE BID:** The bid document is comprised of this complete

- document along with duly filled and signed bid proposal sheets and schedules to this document.
- 4.2 All communication will be in the English language only. All correspondences and other documents pertaining to this bid document and subsequent contract will be in the English language.
- 4.3 Rates shall be written both in words and figures. There must not be errors and/or over writings. Corrections, if any, should be made clearly and initialed by the authorized signatory of the bidder along with dates. If any variation is found between the amount written 'in words' and 'in figures,' the amount written in words will only be considered.
- 4.4 **Cost of Bidding:** The Bidder shall bear all costs associated with the preparation and submission of its bid and the University shall in no event or circumstance be held responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
- 4.5 All taxes, VAT, GST, Local taxes, etc., to be paid by the Bidder for the Work/Service, and any claim for extra payment on any such account shall not be entertained.
- 4.6 No alterations or additions anywhere in the Bidder Document are permitted. Corrections, if any, should be made clearly and initialed by the authorized signatory of the bidder along with dates. If any of these are found, the Bid may be summarily rejected.
- 4.7 In case of Private Limited/Public Limited companies, the power of attorney shall be supported by a Board Resolution and appropriate and adequate evidence in support of the same shall be provided.
- 4.8 Bidder shall properly number the documents attached with the Bid as support/documentary evidences, and a reference of such page numbers shall be provided in the Bid.
- 4.9 All pages and pasted slips should be signed by the Bidder. Corrections, if any, must be signed. No pages shall be added or removed from the set of Bid Document.
- 4.10 The Bidder shall submit the Bid which satisfies each and every condition laid down in this tender document, failing which the Bid will be liable to be rejected. Conditional Bids will be rejected.
- 4.11 Bidders are advised to follow the instructions provided in the 'Instructions to the bidder for the e-submission of the bids online through e Procurement at <https://www.uktender.gov.in>
- 4.12 Bidder who has downloaded the tender document from the website (<https://www.uktender.gov.in>) shall not tamper/modify the tender form including downloaded financial bid template in any manner. In case if the same is found to be tempered/modified in any manner, bid will be completely rejected and EMD would be forfeited and bidder will be liable to be banned from doing business with Kumaun University, Nainital.
- 4.13 Validity of Tender - One hundred and twenty days from the date of opening of tender. During the period no bidder shall be allowed to withdraw his tender. In case of withdrawal, the EMD submitted by the bidder shall be forfeited and no claim shall be entertained in this regard.

5- Clarification on Bidding Documents

If the prospective bidder is in doubt as to the true meaning of any part of the bid document, he/she shall at once make a request in writing for an interpretation/clarification to the University. The University shall issue interpretation/clarification as it may think fit in writing.



The University will not respond to any clarifications sought by the bidders after the pre bid meeting.

6- Collection of Bidding Document

The bid documents can be downloaded from the website (<https://www.uktender.gov.in>).

7- Bid Price

- 7.1 The bidders shall quote in the appropriate schedule of the bid form, lump sum firm price and also the unit rates of the work, it proposes to supply and services rendered under the contract. All the work is to be quoted on a 'Firm Price' basis. Schedule of financial bid in the form of BOQ_XXXX.xls
- 7.2 All currency is to be quoted in Indian Rupee only.
- 7.3 The tender rate should be inclusive of all taxes, transportation and handling rates and installation charges.
- 7.4 Tender will be sanctioned on the basis of lowest price (L-1) of each item.

8- Duties & Taxes

- 8.1 All taxes like GST, Sales Tax, Service Tax and other levies payable by the bidders in respect of the transaction between their vendor/suppliers while procuring the material shall be included in the bid price and no separate claim on these behalf will be entertained by the owner.
- 8.2 If any taxes are required statutorily to be deducted at source, the owner (the University) shall be entitled to deduct the same while making payment.
- 8.3 In the event of any increase in taxes/duties, the extra liability on account of these taxes shall be not borne by the Kumaun University, Nainital.

9- Freight & Insurance

- 9.1 The bidder shall make all arrangements towards safe and complete delivery at the designated locations indicated by the University in the Purchase Order. Such responsibility on part of the bidder will include taking care of insurance, freight, state-level permits, etc., as applicable. The bidder will keep the University informed of various stages of deliveries.

10- Bid Validity

- 10.1 Bid shall remain valid for a period not less than 120 days after the deadline date of bid submission as specified, which may be extended with mutual consent. A shorter bid validity period shall be rejected as non-responsive.

11- Submission of Bid

- 11.1 Bids shall be submitted online only at website (<https://www.uktender.gov.in>).
- 11.2 The Tender Committee set up by the University will first open the Technical Bid.
- 11.3 The Tender Committee constituted by the University will shortlist successful bidders.
- 11.4 The bidders, who were found qualified in the Technical Bid, will be intimated in due course. After the technical evaluation of the bids, the University will open the 'Financial bid' of all technically qualified bidders. The lowest financial bid shall be considered for the award of contract.

12- Evaluation & Comparison of Bids

- 12.1 Technical comparative statement will be prepared on the basis of the documents submitted by the bidder.

13- Award of Contract

- 13.1 The notification of award/letter of award will constitute the formation of the contract. The University will promptly notify each unsuccessful bidder and will return the earnest money without any interest on the earnest money.
- 13.2 The University reserves the right to accept any bid or to reject any or all bids without assigning any reasons, whatsoever.
- 13.3 The University reserves the right to accept or reject any bid, and to cancel the bidding process and can also reject all bids at any time prior to the award of the contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the University's action.
- 13.4 **Security Deposit/Performance Security:**
Within 15 days of notifying the acceptance of the proposal for the award of contract, the Service Provider shall furnish the Performance Guarantee of 5% of the contract value for the entire contract period as its commitment to perform services under the contract from a Nationalized Bank, which shall be accepted in the following forms and shall be in favour of 'Finance Officer, Kumaun University Nainital' with a validity of months as under:
i. Fixed deposit receipt (FDR) of a nationalized bank (60 days validity) ii. Bank Guarantee (60 days validity)
ii. Bank Guarantee (60 days validity).
iii. Demand Draft.

14- Prices

- 14.1 **Schedule of financial bid in the form of BOQ_XXXX. Xls**

15- Terms of Payment

- 15.1 The vendor will submit three copies of accurate invoices on the letterhead bearing GSTN, TAN no, etc., of the company with the signature of the authorized signatory and the seal of the organization.
- 15.2 The payment will be made by the University in Indian Rupees through RTGS/NEFT, etc., to the supplier after receiving the internal approvals from the respective authorities and adjustments of the liquidating damages, if any.
- 15.3 The payment to the contractor will be made by the Owner (the University) on the recommendations of the competent authority of the University as specified below:

16- Jurisdiction of Contract

- 16.1 The laws applicable to the contract shall be the laws in force in India. The courts of Nainital only shall have exclusive jurisdiction in all matters arising under this contract.

17- Completion of Contract

- 17.1 The University will issue a certificate of completion on successful completion of the work to the contractor as specified in the contract.

18- Forfeiture of EMD



- 18.1 In case the bidder who has been awarded the work contract refuses to accept the Work contract issued by the University or fails to respond to the letter of award of work by the University in 07 days' time, then the EMD paid by the bidder will be forfeited.

19- Termination of Contract

- 19.1 The University will terminate the contract in the following ways:
- a. The term of Contract expires.
 - b. Termination of Contract by the University due to non-performance during the execution of the Project.
 - c. Performance is below the expected level.
 - d. Non-adherence to the timelines of the project.
 - e. Quality of work is not satisfactory.



Finance Controller
Kumaun University Nainital

All in one (i5 Genration)


SN	Minimum Technical Specifications	
1	Form Factor	All in One Desktop
2	Processor	Intel Core i5 13th Generation Processor with vPro Enabled or Higher, (up to 4.4 GHz with Intel Turbo Boost Technology, Minimum 12MB L3 cache, Minimum 10 cores, Minimum 12 threads
3	Chipset	Latest Intel Q Series Chipset or equivalent
4	Graphics	Integrated Graphics
5	Memory	Minimum 8GB DDR 4 RAM or better
6	Hard Drive	Minimum 512 GB SSD
7	Audio	Integrated Audio controller
8	NIC	On-board 10/100/1000 Mbps NIC
9	Connectivity	Integrated On Board 802.11bgn/ac+Wifi+Bluetooth 5 or better
10	Keyboard	OEM Keyboard (Same make as PC)
11	Mouse	OEM Optical Scroll mouse (Same make as PC)
12	Ports	Min 1 HDMI, Min 1 RJ45 Port, Min 1 Universal Audio jack, Min 4 USB ports
13	Display	23.8" or hiher FHD LED display
14	Camera and Speaker	Inbuilt FHD Camera and Speakers
15	General Certification	Microsoft Windows 11, FCC,CE, RoHS, UL, EPEAT, Energy Star, ISO 9001,14001,20001,27001 for OEM, ROHS
16	Operating System	Microsoft windows 11 Professional
18	Accessories	With required connecting cables, drivers, system recovery or cloud image & power cable(s)
19	Warranty	3 Year on-site warranty
20	Software	Microsoft office professional LTSC 2021 or higher academic version bidder submit MAF for this from the Microsoft



 [Signature] 07/02/2025

Answer Booklet Scanner

SN	Minimum Technical Specifications	
1	Scanner Type	ADF (Automatic Document Feeder)
2	Scanner Speed	Simplex: 100 ppm (200/ 300 dpi) OR MORE
3		Duplex: 200 ipm (200/ 300 dpi) OR MORE
4	Color Scanning	Feature for Black & White, Grey and Color Scanning
5	Optical Resolution	Upto 600 dpi
6	Supporting File Format	JPG, JPG2000, TIFF, TIFF G4, GIF, PDF, PNG, BMP,
7	Image Sensor Type	Contact Image Sensor (CIS) or Color CCD x3 (Frint x1, backx1, Flatbed x1)
8		Allows the automatic documents feeder to rotate up to 180 degrees for easy scanning in a variety of workspaces after scanning only
9	ADF Capacity	300 Pages
10	Document Size Supported	A4, Legal or above Paper (banner, inkjet, photo, plain), envelopes, labels, cards
11	Power Requirements	AC 100 to 240 V+ 10% with necessary cable/adapter
12	Twain version	TWAIN Certified. Version 2.0 or above
13	Energy star certified	Yes
14	Warranty	1 Years with on-site support
15	Software	Included OEM provided software and drivers
16	INTERFACE	USB OR ETHERNET
17	Other Accessories	All cables and Output tray
18	Imaging Features	Auto colour detection, Blank Page Detection, Content-based blank page removal, Background Smoothing, Image ,Rotation, Punch Hole Removal, Merging (Front and Back images), automatic brightness and contrast, profile sets

07/2/2015


Heavy Duty Shedder	
SN	Specifications
1	Suitable for office with bin overload, open door , overheat and paper jam indicator
2	Shredder cross cut paper or straight cut , cd , credit card and staples with auto start / stop facility
3	Caster wheels helps in moving it easily as per your convenience
4	Feed opening of minimum 300 mm with a security level 3 and a bin capacity of 80L
5	Shredders minimum 30 sheets at a time, manufacturer warranty of 1 year
6	Shreds paper into minimum 3 x 25 mm confetti cut strips
7	Paper Size Support: A3, A4 and legal
8	Security Level as per DIN66399: P1 or better
9	Length of cable with 3-pin moulded Plug in metres: Minimum 3 Mtr
10	Conformity to Particle Size as per Standard DIN66399, Shreds credit cards and CDs, paper clips and staples can also be shredded along with the paper; The shredder's continuous working cycle means it won't have to shut down to rest; bin with indicator when bin is full; Sound level should be not more than 70 db, Use with original GBC supplies for guaranteed performance


 07/04/2025 

All in one (i7 Genration)

SN	Minimum Technical Specifications	
1	Form Factor	All in One Desktop
2	Processor	Intel Core i7 13th Generation Processor or Higher, (up to 4.7 GHz with Intel Turbo Boost Technology, Minimum 12MB L3 cache, Minimum 10 cores, Minimum 12 threads , with vPro Enabled
3	Chipset	Latest Intel Q 670 Series Chipset or equivalent
4	Graphics	Integrated Graphics
5	Memory	Minimum 16GB DDR4 RAM or better
6	Primary Hard Drive	Minimum 512 GB SSD
7	Audio	Integrated Audio controller
8	NIC	On-board 10/100/1000 Mbps NIC
9	Connectivity	Integrated On Board 802.11bgn/ac+Wifi+Bluetooth 5 or better
10	Keyboard	OEM Keyboard (Same make as PC)
11	Mouse	OEM Optical Scroll mouse (Same make as PC)
12	Ports	Min 1 HDMI, Min 1 RJ45 Port, Min 1 Universal Audio jack, Min 4 USB ports
13	Display	23.8" or hiher FHD LED display
14	Camera and Speaker	Inbuilt FHD Camera and Speakers
15	General Certification	Microsoft Windows 11, FCC,CE, RoHS, UL, EPEAT, Energy Star, ISO 9001,14001,20001,27001 for OEM, ROHS
16	Operating System	Factory Preloaded with Windows 11 professional preloaded
17	Accessories	With required connecting cables, drivers, system recovery or cloud image & power cable(s)
18	Warranty	3 Year on-site warranty
19	Software	Microsoft office professional LTSC 2021 or higher academic version bidder submit MAF for this from the Microsoft




Laptops

SN	Minimum Technical Specification	
1	Processor	Intel i5-13th Generation or Higher, upto 3.40 GHz Speed (Minimum 12MB Cache, Minimum 10 Cores)
2	Graphic	Integrated Graphic
3	RAM	16GB DDR4/LPDDR4 or Higher
4	Storage	Minimum 512 GB SSD
5	Screen Size	Minimum 14.0" FHD with backlit and spill resistant Keyboard
6	Port(S)	Minimum 1 USB 3.2 Port
7		Minimum 1 Type-C Port
8		Minimum 1 Universal Audio Port
9		Minimum 1 HDMI 1.4 Port
10		Minimum 1 RJ45 Ethernet Port
12	Wireless Connectivity	Yes , Wi-Fi 802.11ac
13	Battery	Minimum 3 Cell Battery with Minimum 3 hours backup
14	Camera	HD Camera, Built-in dual mics
15	OS	Factory Preloaded with Microsoft windows 11 Professional
16	Warranty	Three Year warranty including Battery
17	carry case	included
18	Chassis Material	ABS Plastic
19	Certication	Energy Star 8.0, RoHS, FCC, CE, UL, EPEAT India Registered, ISO 9001:2013 or higher BIS Registration
20	Software	Microsoft office professional LTSC 2021 or higher academic version bidder submit MAF for this from the Microsoft

S. P. 07/02/2025



Online UPS

Rating in KVA	15.0 KVA
Switching Technology	IGBT-PWM
Input Voltage	AC Three phase 300 V - 450V sinewave 50Hz
Output Voltage	AC Single phase 230V +/-1% 50 Hz , AC 3 PHASE 400 V +/- 1%
Output power factor	Unity (15 kVA= 15 KW)
Warranty for UPS (Years)	Minimum 2 year
Battery/Backup Bank Provided with Online UPS (Hint: In case the UPS is supplied with battery, seller shall ensure compliance to the GST Rates as per recommendations made in the 45th Meeting of GST council dated 17th Sep 2021)	With Battery
Type of Battery (hint: NA in case Battery not provided)	SMF-VRLA conforming to JISC:8702(Pt.I,II&III), Stationary Lead Acid Batteries (with tubular positive plates) in monobloc container conforming to IS:13369:1992 latest
Backup time (Minutes) (hint: NA in case battery not provided)	Minimum 60 Min.
Battery VAH	24960 VAH
Charge current	10 % of the Battery AH Capacity.
Warranty for battery (Years) by Battery Manufacturer/Brand hint: NA in case battery not provided	2
Inbuilt isolation transformer	Without
Overall Efficiency (%)	>/=94% without Inbuilt isolation transformer, >/=90% with Inbuilt isolation transformer
Overload limit	20% Overload for minimum 10 minute ,50% Overload for minimum 1 minute
Accessories	Rack for Batteries .
Type of Design / Construction	Floor Standing
Protection	Protection for under voltage at battery terminal,Protection of Over voltage,Short Circuit & over load at UPS output terminal,Over temperature protection
Alarms and Indications	Indicator for Mains presence,Indicator for Battery charging and discharging,Indicator for Output Over Load with Audible Alarm,Indicator for Low Battery Voltage with Audible Alarm,Alarm for Over temperature,Alarm for Low Battery, Pure Sinewave AC Output

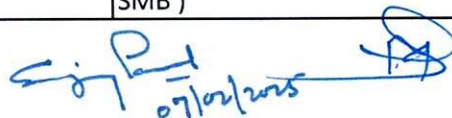
Sig Pad
07/04/2023

DC Bus Voltage (In Volts)	Minimum 288-480
Power Factor Load Supported	0.8 or better
Total Harmonic Distortion(THD) (%)	3% Maximum @ 100% Linear Load
Installation and Commissioning (Covered in the Scope of Supply)	Provided
Emergency Power Off (EPO)	required for emergency power off
Overload Rating	Normal Operation a)< 105% - Continuous b)106 to 110% for 60 min c)111% to 130% for 10 min d)131% to 150% for 1 sec
Static Bypass	Required at inbuilt to the UPS
Protection	Overload, Over Temp, Short Circuit, Back feed, Input high / low, DC Low.
CERTIFICATION REQUIRED	1.ISO 9001 , 2.ISO 14001, 3.ISO 45001: 2018, 4.RoHS 5. Test Report (From NABL approved testing agency)

Sij Pant
07/02/2025 

Heavy Duty Multifunction Printers

SN	Minimum Technical Specification	
1	Machine type	A3 Monochrome Laser Multifunctional
	SPEED	Minimum 50 ppm or more
2	Core Functions	Print, Copy, Scan, Send, Store and Optional Fax
3	Processor Speed	1.8 GHz Dual Core Processor or more
4	Control Panel	Intuitive Minimum 10.1 inch Colour Touch panel
5	Memory	Standard: RAM 3.5 GB or more
6	Storage	Standard: (SSD) 128 GB or more
7	Interface Connection	NETWORK
8		Standard: 1000 Base-T / 100 Base-TX / 10 Base-T
9		Optional: Wireless LAN (IEEE 802.11 b/g/n)
10	OTHERS	Standard: minimum 2 x USB 2.0 (Host) or above
11		Optional: Serial Interface, Copy Control Interface
	NOS OF TRAY	MINIMUM 2
12	Paper Supply Capacity (A4,80 gsm)	Standard: 1,000 sheets or more
13	Paper Output Capacity (A4, 80 gsm)	Standard: 250 sheets or more
	DOCUMENTS FEEDER	SPDF
	ADF CAPACITY	minimum 250
14	Finishing Capabilities	Collate, Group, Offset, Staple, Saddle Stitich, Hole Punch, Eco Staple
15	Supported Media Types	Multi-purpose tray: Thin, Plain, Heavy2, Recycled, Coted3, Color, Tracing, Bond, Transparency, Label, Pre-punched,Latterhead, Envelope
16		Upper Cassette: Thin, Plain, Heavy, Recycled, Color, Bond, Transparency, Pre-punched, Letterhead, Envelope
17		Lower Cassette: Thin, Plain, Heavy, Recycled, Color, Bond, Transparency, Pre-punched, Letterhead, Envelope4
18	Supported Media Sizes	Multi-purpose tray:
19		Standard size: SRA3, A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R
20		Envelops: COM10 No.10, Monarch, ISO-C5, DL
21		Upper Cassette: Standard size: A4, A5, A5R, A6R, B5
22	Networking Feature	10/100/1000 Base-T Ethernet, High-Speed USB 2.0 direct print
23	Scan Feature	Scan Preview, Scan to USB / Email / Network (FTP / SFTP / SMB)



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24	Scan File Formats	PDF, PDF/A, XPS, JPG, TIFF; convenience features: Scan to Home, Searchble PDF, Single / Multi-page PDF/XPS/TIFF, Password-protected PDF
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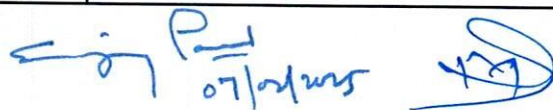
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07/01/2025 - (M)

Rack Server	
Drive Type	LFF (3.5)
Processor Core	Minimum 16 Core or more
Processor Cache	60 mb or more with min 3 SATA SSD
Processor Speed	2.0 Ghz or more
Form Factor	Min 1U/2U Rack (with standard Fan Kit)
Min RAM	Min 64 GB RAM
Max Storage	Minimum 12 TB with min 3 SATA SSD
Network Controller	Dual 1 GB
No of Processors	One (1)
PCI Slot	three (3)
Power Supply	Dual (2 x 800W Flex slot)
Processor	AMD EPYC9000 Series or equivalent Intel Processor
RAID Controller	RAID 0, RAID 1, RAID 10, RAID 5
Type Of Storage	SATA Disc
Warranty	three years
Certification Compliance (OS)	cent OS, Linux, Ubuntu, WINDOWS


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Scanners (ADF)

SN	Minimum Technical Specifications	
1	Scanner Type	Flatbed, ADF (Automatic Document Feeder), Duplex
2	Scanner Speed	Simplex: Minimum 40 ppm (200/ 300 dpi)
3		Duplex: Minimum 80 ipm (200/ 300 dpi)
4	Color Scanning	Feature for Black & White, Grey and Color Scanning
5	Optical Resolution	600 x 600 dpi or higher
6	Supporting File Format	PDF, Searchable PDF, JPEG, PNG, BMP, TIFF, TXT
7	Document Size Supported	A4, Legal or above Paper (banner, inkjet, photo, plain), envelopes, labels, cards
8	Connectivity	USB 2.0 or higher, Ethernet LAN
9	ADF/ Feeder Capacity	50 or above Pages
10	Power Requirements	AC 100 to 240 V+ 10% with necessary cable/adapter
11	Twain version	TWAIN Certified. Version 2.0 or above
12	Memory	64 MB or higher
13	Control panel	Sleep/ Power button along with LED Lights
14	Energy star certified	Yes
15	Warranty	1 Years with on-site support
16	Software	Included OEM provided software and drivers
17	Other Accessories	All cables and Output tray
18	Imaging Features	Auto colour detection, Blank Page Detection, Content-based blank page removal, Background Smoothing, Image Rotation, Punch Hole Removal, Merging (Front and Back images), automatic brightness and contrast, profile sets



 07/02/2025

Scanners (LAMP)

SN	Minimum Technical Specifications	
1	Capture Size	Upto A4
2	Image Sensor	5.0 Mega Pixels CMOS
3	Capture Speed	Instantaneous
4	Image Input	24-bit
5	Light Source	Natural + LED Light
6	System Requirements	Windows
7	Customization	SDK, API and Availble
8	Resolution	Minimum 2592X1944
9	Picture Format	JPG/ PDF/ TIF/ PNG/ BMP
10	Interface	VGA, USB 2.0, HDMI
11	Image Processing	Brightness, Contrast, Sharpness, Saturation, Gamma, Rotation, Mirroring, etc
12	Packaging Details	Document Camera, USB-cable, HDMI Cable, Remote Control, Users Manual

Handwritten signature and date: 07/04/2015