Amravati University Sant Gadge Baba **E-Tender Notice**

No. SGBAU/2/Store/ 502/20-21

Date: 24 /03/2021 E-Tenders are invited from authorized dealers / Manufacturers for Supply of various type of purchases as per the following details.

Tono wing actains.	
Tender Sr. No.	Name of Tender
11/2021	Supply of Networking Accessories with installation
12/2021	Supply of Equipment under RUSA Grant
13/2021	Supply of Office and Laboratory Equipment
14/2021	Supply of Equipment's for Model Degree College, Buldhana
15/2021	Supply of Equipment's for Knowledge Resource center
16/2021	Supply of Computer, IPAD, Printer, Server, UPS and Computer Peripherals
17/2021	Supply of Software
19/2021	Supply of Sport Materials (RUSA Grant)

Details of E-Tenders are available on www.mahatenders.gov.in. and it is also available on our www.sgbau.ac.in for information only. Right to reject any tender (part or full), without assigning any reason, is reserved by the University.

Registrar

Date: 24/03/2021

For Web Site

Sant Gadge Baba Amravati University

E-Tender Notice

No. SGBAU/2/Store/ 502/20-21

E-Tenders are invited from authorized dealers / Manufacturers for Supply of various type of purchases as per the following details.

Tender Sr. No.	Name of Tender	Cost of Tender Form including GST @18%	Tender Deposit (EMD)	Last Date of Submission upto 01.00 PM	Date of Opening at 01.00 PM
1	2	3	4	5	6
11/2021	Supply of Networking Accessories with installation	2360/-	10000/-	09/04/2021	12/04/2021
12/2021	Supply of Equipment under RUSA Grant	2360/-	10000/-	09/04/2021	12/04/2021
13/2021	Supply of Office and Laboratory Equipment	2360/-	10000/-	09/04/2021	12/04/2021
14/2021	Supply of Equipment's for Model Degree College, Buldhana	2360/-	10000/-	09/04/2021	12/04/2021
15/2021	Supply of Equipment's for Knowledge Resource center	3540/-	50000/-	09/04/2021	12/04/2021
16/2021	Supply of Computer, IPAD, Printer, Server, UPS and Computer Peripherals	11800/-	100000/	09/04/2021	12/04/2021
17/2021	Supply of Software	3540/-	50000/-	09/04/2021	12/04/2021
19/2021	Supply of Sport Materials (RUSA Grant)	3540/-	50000/-	09/04/2021	12/04/2021

E-Tenders, Cost of Tender Form and EMD should be compulsorily submitted online on website www.mahatenders.gov.in..

E-Tender possibly will be open in presence of Tender Opening Committee at E-Tender cell, Engineering section, Sant Gadge Baba Amravati University. Right to reject any tender (part or full), without assigning any reason, is reserved by the University.

Registrar

Envelope No. 01

Sant Gadge Baba Amravati University E-Tender Form (Technical Bid) TENDER NO. 16/2021

То,					
Sar	e Registrar nt Gadge Baba Amravati Univer nravati	sity,			
	Subject : Supply of Computer	, IPAD, F	Printer, Server, UPS & Compute	er Peripherals	
	Ref. : Tender Notice No. S (Due Date– 09/04/2		2/Store/502/2020-21 dated:- 24/	/03/2021.	
R/Sir	(Bue Bute 65/61/2	2021)			
	· ·		bove I / We M/s		
Comp	outer, IPAD, Printer, Server, U I/We read & accept all terms	PS & C		rith the rate	s for Supply of
1	Full name of Vender:				
2	Name of Firm:				
3	Address of the Firm:				
1	E-Mail:				
5	Phone No.:				
6	Mobile No. :				
7	Shop Act Registration Certific	ate (if A	nnlicable)	Enclosed	Not Enclosed
8	Income Tax Clearance Certific			Enclosed	Not Enclosed
0	year)	aic / Rei	um Certificate (latest / current	LifeTosed	Not Eliciosed
9	GST Registration Certificate			Enclosed	Not Enclosed
10	Tender Form Fee Exemption (Certificate	e (if Applicable)	Enclosed	Not Enclosed
11	EMD Exemption Certificate (Enclosed	Not Enclosed
12	PAN Card	F F		Enclosed	Not Enclosed
13	Declaration Regarding not bein (As per Annexure-A)	ng Blackl	isted/ Debarred.	Enclosed	Not Enclosed
14	Fall Clause Certificate (As per	Annexur	re-B)	Enclosed	Not Enclosed
15	General Terms & Conditions per Annexure-C)			Enclosed	Not Enclosed
16	The Manufacturer /Author Manufacturer / Authorization (ized De Certificat		Enclosed	Not Enclosed
	I / We have read carefully and eneral Terms & Conditions & Subide by them hence this verification.	tandard T	nderstood the same in vernacula Terms & Conditions and I / we		
	of Firm	:			
GST F	Registration No.	:			
Perma	nent Account Number (PAN)	:			
Signat	ture of Vender	:			

Name of the Authorized signatory

Seal of the Firm

Annexure-A

DECLARATION REGARDING NOT BEING BLACKLISTED/ DEBARRED

(To be executed & attested by public Notary / Executive Magistrate on Rs. 100/- judicial Stamp paper by the bidder)

I / We	Supplier / Manufacturer /
	Hereby
declare that the firm / company namely M/s.	has not
been blacklisted or debarred in the past by Utaking part in tenders.	Union / Sate Government or by any other organization from
	OR
Partner(s) / Authorized Distributor of M/s.	
•	/ Sate Government or by any other organization from taking years w.e.f to
The period is over ontenders	And now the firm / company is entitled to take part in
rejected / cancelled by the University and l	/ We am/are fully aware that the tender / contract will be EMD / SD shall be forfeited. In addition to the above, the nt of any completed / partially completed work.
	DEPONENT
	Name :
	Address:
Attested:	
(Public Notary / Executive Magistrate)	

Annexure – B

Fall Clause Notice Certificate

This is to certify that I/we have offered t	he maximum possible dis	scount to you in the
Tender No.	Dated	The Price Charged
for the stores supplied under Rate Contract should, un	der no event by higher th	han lowest prices at
which the party sells the terms of identical description	n to any other Govt. org	ganization / PSU/s /
Autonomous bodies / Pvt. Organization during the p	period of contract failing	which the "FALL
CLAUSE" will be applicable.		

In case, if the price charged by our firm is more, SGBAU will have the right to recover the excess charged amount from the subsequent / unpaid bill of the supplier.

Seal and signature of Tenderes

Note: This certificate should be on the letter head of the firm and should be signed by the person competent and having the power of attorney to bind the same.

SANT GADGE BABA AMRAVATI UNIVERSITY

University Campus, Near Tapowan, Mardi Road, Amravati 444602 **Phone No.** (0721) 2668163, 2668158, 2668206 **Ext. No.** 237, 240

Fax No.: (0721) 2668135, 2668049

Email – arstore@sgbau.ac.in **GRAM** – AMUNI Website: www. sgbau.ac.in

GENERAL TERMS & CONDITIONS

Tender Notice No. SGBAU/2/Store/502/ 2020-21 dated: 24/03/2021 (Due Date 09/04 /2021) **TENDER NO. 16/2021**

- 1) E-Tenders are invited from authorized dealers / Manufacturer, Supplier FOR SUPPLY OF Computer, IPAD, Printers, Server, UPS & Computer Peripherals.
- 2) E-Tender should be compulsorily submitted online.
- 3) Last date of online submission of E-Tender is 09/04/2021 upto 01.00 PM. The tenders will be opened preferably on 12/04/2021 at 01.00 PM in presence of Tender opening committee at E-Tender Cell, Engineering Section, S.G.B. Amravati University.
- 4) The tenderer must submit the following documents online only. If following documents are not found at the time of opening, the tender will not be considered. (The hard copy of the same be submitted to store Section of the SGB Amravati University before the date of opening)
 - a) Shop Act Registration Certificate (if Applicable)
 - b) Income Tax Clearance Certificate/Return Certificate (latest / Current Year)
 - c) GST Registration Certificate
 - d) Tender Form Fee Exemption Certificate (if Applicable)
 - e) EMD Exemption Certificate (if Applicable)
 - f) Copy of PAN Card
 - g) Experience Certificate or Order copy (If Available)
 - h) Declaration Regarding Not Being Blacklisted/ Debarred. (As per Annexure-A)
 - i) Fall Clause Certificate (As per Annexure-B)
 - j) General Terms & Conditions (As per Annexure-C)
 - k) Tender Form Fee and Tender Deposit Money (EMD)Receipt
 - 1) The Authorized Dealer should submit valid Authorization Certificate for current year. (The authorization certificate will be verified from the manufacturer as and when required. Authorization certificate to sub-dealer issued by authorized dealer will not be considered.)
- 5) The Tender Form Fee of Rs. 11800/- (Inclusive 18% GST) and EMD Rs. 1,00,000/- should be submitted online only.
- 6) A Successful bidder having deposited Rs, 1,00,000/- EMD, shall have to deposit 3% as Security deposit on total value of approved rates by the way of conversion of EMD within specific /stipulated period prescribed by University in the form of Demand Draft / Bankers Cheque/ Pay Order./F.D.R. in favour of Finance & Accounts Officer, Sant Gadge Baba Amravati University, Amravati
- 7) The tenderer availing the facility of exemption shall have to deposit 3% as S.D. on total value of approved rates within specific /stipulated period prescribed by University after acceptance of their rates in the forms Demand Draft / pay Order / banker Cheque / F.D.R. in favour of Finance & Accounts Officer, Sant Gadge Baba Amravati University, Amravati
- 8) The security Deposit / Tender Deposit / Earnest Money Deposit of successful bidder will be refunded only after satisfactory supply and successful installation
- 9) Failure of the successful bidder to deposit Security Deposit within prescribed time limit, shall produce sufficient grounds for the annulment of the award. In this event the University may make the award to next lowest evaluated bidder or may call new bids.
- 10) Incomplete E-tenders not in conformity with the prescribed specifications, terms & conditions shall be rejected. University has right to accept/ reject any or all tenders without assigning any reason.
- 11) a) approved Rates will be valid upto 30st June, 2021.
 - b) The suppliers should quote rates for each article independently. The University reserve the right to accept the offer partially or fully.
- 12) Rates to be mentioned F.O.R. Stores/ Dept. & including all taxes, (i.e.-GST etc. if applicable) installation/Transportation etc
- 13) The supplier shall supply the ordered goods within the delivery period mentioned in the purchase order. Failing which the penalty shall be imposed @ 0.5% per week of total value and shall be deducted from the bill of supplier In case of emergency, University shall reduce the delivery period and the supplier shall have to deliver the goods within the reduced delivery period.
- 14) University has right to reject any part or full articles if the quality of material is disapproved & will be kept in stores / Dept. at supplier's risk only. It should be replaced at suppliers' own cost within seven days.
- 15) In the event of failure to comply with the supply order, the EMD/S.D. will be forfeited. As well as If supplier fails to replace the rejected goods in time. The University shall be at liberty to purchase the ordered goods from the open market without giving any prior notice & if compelled to purchase

at the higher price than the approved rates, such losses shall be recovered from the S.D. or any outstanding payment of the tenderer.

- 16) Quality/Quantity/Technical Specification etc. of the material will be confirmed after the physical checking at our stores/Dept. & if the shortage in any form is found, amount will be deducted from the invoice/Security Deposit/EMD.
- 17) The term of payment in advance or through bank will not be accepted.
- 18) No negotiation will be done.
- 19) **Terms of payment:** Payment to be made to the supplier will be subject to the deduction of taxes applicable at source at the rate in force from time to time and after satisfactory supply.
- 20) In case of supply of substandard material, the supplier shall have to replace the same goods within 7 days, otherwise penalty @ 0.5% per week shall be imposed of ordered value and 5% penalty at the cost of material due to substandard supply. In case of defects noticed during use of material supplied by the supplier within warranty Period from the date of supply, The supplier will require to repair / replace the materials etc. failing which the material will be repaired / purchased from another agency and the difference in cost, if any shall be adjusted from the Earnest Money / security deposit or other any pending bills of the supplier.

21) STANDARD TERMS AND CONDITIONS:

A) Changes /Amendments:

The University shall have the right at any time, by written notice, in the form of an amendment order, to make any changes it deems necessary, including, but not limited to changes in specifications design, delivery, testing methods, packing or destination. If any such required changes cause an increase or decrease in the cost of or the time required for performance, an equitable adjustment shall be made in the contract price or delivery schedule, or both. Any claim by the vendor for adjustment under this clause shall be deemed waived unless asserted in writing within ten (10) days from receipt by the vendor of notice of change (amendment order). Price increase, extension of time for delivery and change in quantity shall not be binding on the University unless sufficiently justified by a vendor and accepted by the University in a form of amendment/change order issued and signed by the University.

B) Delivery/ Force Majeure:

If any Material is not delivered by the date specified therein, the University reserves the right, without liability, to cancel the order for undelivered material not yet shipped or tendered, and to purchase the same from another vendor and to charge the defaulting vendor for any loss incurred in this transaction. Any provisions thereof for delivery by instalment shall not be construed as obligatory unless agreed upon by both the parties. The University shall have the right to refuse deliveries made more than one week in advance of any delivery schedule appearing in the order unless arrangements for such early delivery have been confirmed with the receiving party.

If the vendor is unable to complete performance at the time specified for delivery by reason of strikes, labour disputes, riot, war, fire or other causes beyond the vendor reasonable control, the University, at its option, may elect to take delivery of Material in its unfinished state and to pay such proportion of the contract price as it deemed reasonable.

C) Price / Taxes:

Price stated in this agreement are firm and shall remain firm until required deliveries have been completed unless otherwise expressly agreed to in writing by both parties. The vendor agrees that any price reduction made with respect to Material covered by this order subsequent to placement will be applied to this order. All prices specified herein include all charges for, but not limited to, inspection, and packaging. Prices set forth shall be inclusive of applicable sales, excise, value-added or similar taxes until and unless specified in the schedule.

D) Inspection And Acceptance:

All Material covered by this order may be inspected and tested by the University or its designee at vendors cost. If deemed necessary by the University, the vendor shall provide without charge, all reasonable facilities and assistance for such inspection and test. Any inspection records relating to Material covered by this agreement shall be made available to the University during the performance of the order. If any Material covered by this agreement is defective or otherwise not conforming to the requirements of this agreement, the University may, by written notice to the vendor:

- (a) rescind the purchase / supply order as to such non-conforming Material;
- (b) accept such Material at an equitable reduction in price;
- (c) reject such non-conforming Material and require the delivery of suitable replacements.
- (d) If the vendor fails to deliver suitable replacements promptly, the University, with notice of seven business days, may replace or correct such Material and charge the vendor the

additional cost occasioned thereby, or terminate this order for default. No inspection (including source inspection) test, approval (including design approval) or acceptance of Material shall relieve the vendor from responsibility for defects or other failures to meet the requirements of this order. Rights granted to the University in this article entitled INSPECTION are in addition to any other rights or remedies provided elsewhere in this order or in Law.

E) Warranty:

The vendor warrants that any Material supplied hereunder shall conform to generally recognized manufacturing and safety standards of the vendor's industry as per Indian standard Institution (ISI) or similar standard. The vendor's specifications on performance as detailed in the vendor's brochures, sales literature and other specifications as may be available to the University.

- (a) In addition to any other express or implied warranties, the vendor warrants that the Material furnished pursuant to this order will be:
 - 1. free from defects in title, workmanship and material:
 - 2. free from defects in design except to the extent that such items comply with detailed designs provided by the University;
 - 3. of merchantable quality and suitable for the purposes, if any, which are stated in the tender / quotation.
- (b) If any material covered by this agreement is found not to be as warranted, the University may, by written

notice to the vendor:

- 1. Reject such defective material and require the delivery of suitable replacements.
- 2. If the vendor fails to deliver suitable replacements promptly, the University, with notice of seven business days, may replace or correct such material and charge the vendor the additional cost occasioned.
- (c) Any items corrected or furnished in replacement are subject to all the provisions of this article entitled WARRANTIES to the same extent as items as items initially furnished or originally ordered.
- **F**) This warranty provision shall survive any inspection, delivery, acceptance, payment, expiration or earlier termination of this order and such warranties shall be extended to the employees, students, and users of the material. Nothing herein, however, shall limit the University's rights in law or equity for damages resulting from delivery of defective goods or damage caused during the delivery of goods or provision of services.
- G) Rights granted to the University in this article entitled WARRANTTIES are in addition to any other rights or remedies provided elsewhere in this order or in Law.

H) Patent Indemnity:

The vendor agrees to indemnify, hold harmless and defend the University, its employees, and students with respect to all claims, suits, actions and proceedings of actual or alleged infringements of any Letter, patent, Registered or Industrial Design, Trademark or Trade Name, Trade secret, copyright or other protected right in any country resulting from any sale, use or manufacture of any Material delivered hereunder and to pay and discharge all judgments, decrees, and awards rendered therein or by reason thereof and bear all expenses and legal fees (including the University's) associated herewith. The University reserves the right to be represented in any such action by its own counsel at its own expense.

I) Indemnity:

The vendor will indemnify, defend and hold the University, its and students harmless from any loss, expense, claim or damage including reasonable defence costs, arising from any claim or action based on any acts or omissions of the vendor, its employees, servants, agents or subcontractors. The University reserves the right to be represented in any such action by its own counsel at its own expense.

J) Assignment / Subcontracting / Sublet:

The vendor shall not assign the order received, any rights under this agreement or to become due hereunder neither delegated nor subcontracted / sublet any obligations or work hereunder without the prior written consent of the University.

K) Cancellations:

The University may cancel this agreement in whole or in part, for no cause, upon written, FAX or telex notice to the vendor, effective when sent, provided such notice is sent at least fourteen (14) days prior to the delivery date specified on the face of this order. The University may cancel this order in whole or in part at any time for cause by written, FAX, or e-mail notice to vendor, effective when sent, in the event that the vendor:

- a) fails to comply with any term or condition for this order including, but not limited to, delivery terms; or
- b) appoints a receiver, liquidator or trustee in bankruptcy or other similar officer over any or all of its property or assets; or
- c) files a voluntary petition in bankruptcy; or
- d) has had filed against it an involuntary petition in bankruptcy which remains in effect for thirty (30) days; or voluntarily ceases trading; or
- e) merges with or is acquired by a third party; or
- f) assigns any of its rights or obligations under the order to a third party without the University's advance written consent. upon the occasion of any one of the aforesaid and in addition to any remedies which the University may have in Law or in Equity, the University may also cancel this order or any outstanding deliveries hereunder by notifying the vendor in writing of such cancelation and the vendor shall thereupon transfer title and deliver to the University such work in progress or completed material as may be requested by the university. The University shall have no liability to the vendor beyond payment of any balance owing for Material purchased hereunder and delivered to and accepted by the University prior to vendor's receipt of the notice of termination, and for work in progress requested for delivery to University.

L) Rescheduling:

The University may without liability at least fourteen (14) days prior to the scheduled delivery date appearing on the order defer delivery on any or every item under said order by giving oral notice to the vendor (confirmed in writing ten (10) working days) of any necessary rescheduling.

M) Shipping, Packaging and labelling:

All Material purchased hereunder must be packed and packaged to ensure its safe delivery in accordance with good commercial practice and where incorporated, the University's packaging *specification.

N) The Vendor as an Independent Contractor:

The vendor shall perform the obligations of this order as an independent contractor and under no circumstances shall it be considered as agent or employee of the University. The terms and conditions of this order shall not, in any way, be construed as to create a partnership or any other kind of joint undertaking or venture between the parties hereto. The vendor expressly waives any and all rights which or may not exist to claim any relief under the University's comprehensive insurance policy, worker's compensation or unemployment benefits.

O) Invoicing / Payments / Set-offs:

After each completion of supply/purchase order, the vendor shall duplicate invoices including item number to the University's concern Department. Payment of invoice shall not constitute acceptance of Material ordered and shall be subject to appropriate adjustment, if the vendor failed to meet the requirements of this agreement. The University shall have right at any time to set-off any amounts due to the vendor, (or any of its associated or affiliated companies) against any amounts owed by the University with respect to this agreement.

P) Compliance with Laws:

By acceptance of this agreement, the vendor agrees to comply with the requirements of all the existing laws. The vendor also agrees to comply with the fair labour standards Act and the occupational safety and Health Act, and all other applicable laws, ordinances, regulations and codes in the vendor's performance hereunder. The vendor further agrees to indemnify and hold the University and its customers harmless from any loss or damage that may be sustained by the

University, by reason of the vendor's failure to comply with any laws, ordinance, regulations and codes

Q) Reproduction of Documentation:

The University shall have the right at no additional charge to use or incorporate all or portions of material found in the vendor's literature and / or reproduce the vendor's applicable literature such as operating and maintenance manuals, technical publications, prints, drawings, training manuals and other similar supporting documentation and sales literature. The vendor agrees to advise the University of any up-dated Information relative to the foregoing literature and documentation with timely written notice.

- 22) Any dispute arising out of or relating to this enquiry/tender the decision of Hon'ble Vice-Chancellor shall be final.
- 23) Persons working in university in any capacity are prohibited to take part in the tender/bidding.
- 24) All legal matters subject to jurisdiction of Amravati.

Registrar Sant Gadge Baba Amravati University

I / We have read carefully and have understood the same in vernacular known to me / us about all the General Terms & Conditions &Standard Terms & Conditions and I / we hereby agree to the same and shall abide by them. Hence this verification.

Name of Firm		
GST Registration No.		
PAN		
Signature of Vender	:	
Name of the Authorized signatory	:	
Seal of the Firm	:	

Envelope - 02

Sant Gadge Baba Amravati University E-Tender Form (Financial Bid) TENDER NO. 16/2021

To,

The Registrar,

Sant Gadge Baba Amravati University,

Amravati

Subject: Supply of Computer, IPAD, Printer, Server, UPS & Computer Peripherals.

Tender Notice No. SGBAU/2/Store/502/2020-21 dated 24/03/2021 Ref.:

(Due Date-09/04/2021)

R/Sir

With reference to above I / We M/s.

quote herewith the rates for supply of Computer & its Peripherals. I /We read & accepted all terms & conditions enclosed with this Tender Form.

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or not	Remark
01	02	03	04	05	06
1	CASU				
1.1	Desktop Computer with i7 Processor Make- HP/Dell/Lenovo Form Factor:- Small Form Factor Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) Chipset:-Commercial Class Intel® Q470 Chipset Processor:-Intel 10 th Generation Core i7 10700 Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots Storage:-1TB 7200RPM HDD /SMART IV ((Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Graphics:-Intel® UHD Graphics 630 Audio:-Integrated audio controller with internal speaker of at least 2W Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4, 1 HDMI 1.4, 1 VGA USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal, 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L	05			

2.0 rated Intrusion Sensor ort for chassis cable lock devices & Support for is padlocks devices e lock option for HDD to secure Data rated protection from malware that lurks on ious websites rated real-time detection and prevention of zero- reats and advanced persistent threat (APT) as for Windows applications geability:-Out of band Management independent e operating system state and power state of PC rated utility to enables hardware level testing de the operating system & Drivers should be able on OEM Website for download fications:-Microsoft Windows 10	03	04	not 05	06
2.0 rated Intrusion Sensor ort for chassis cable lock devices & Support for its padlocks devices e lock option for HDD to secure Data rated protection from malware that lurks on ious websites rated real-time detection and prevention of zero- reats and advanced persistent threat (APT) as for Windows applications ageability:-Out of band Management independent a operating system state and power state of PC rated utility to enables hardware level testing de the operating system & Drivers should be able on OEM Website for download fications:-Microsoft Windows 10	03	U ⁴	0.5	00
CE, RoHS, UL, EPEAT, Energy Star 2001,14001,20001,27001 for OEM ay:-21.5" with Minimum resolution of X1080, with VGA, HDMI, Display Ports, TCO ertified height adjustment stand (Same OEM as desktop)				
lard Warranty:-3 Years onsite				
Warranty for Extended 2 Years ifunction LaserJet Printer HP/Epson/Canon/Ricoh Gcan, Copy, Wireless Up to 25/26 ppm (Normal), er1 MHz processor with 256MB RAM Cycle up to 15,000 page nth V: Up to 500 to 2,000 pages2 600 dpi print resolution oved USB 2.0 port (host/ 0; built-in Fast Ethernet Base-TX network port; line port (in/out); WiFi b/g/n) rd warranty:1 year onsite Varranty for Extended 4 Years Luminous/Microtek/Transtech/APC with 30 Min. Backup PP HP/Dell/Lenovo cessor-Latest 11 th generation Intel Core i7- processor set:-System on Chip less:-Integrated wireless AX201 ax WiFi 6 + ooth 5.0 ory:-8 GB DDR4 2666 MHz RAM expandable GB with 2 DIMM Slots , both slots customer ceable . Disk Drive:-512 GB SSD mics:-Discrete NVIDIA GeForce Graphics XX of Higher with 2 GB Graphic Memory / UHD Graphics ay:-14" Full HD Display (1920 x 1080 attion) with min. 500 Nits Brightness , must have rated Privacy Screen Guard. cam:-720p HD webcam with Physical Privacy rr, Dual microphone oard:-Spill Resistant & backlit keyboard with gesture support.	05 01			
wiph HP esset: less oory GI cea Di hick XX UH; ay: attic can r, I oan ge	th 30 Min. Backup //Dell/Lenovo or:-Latest 11 th generation Intel Core i7- ocessor -System on Chip s:-Integrated wireless AX201 ax WiFi 6 + th 5.0 r:-8 GB DDR4 2666 MHz RAM expandable 3 with 2 DIMM Slots, both slots customer ble . sk Drive:-512 GB SSD s:-Discrete NVIDIA GeForce Graphics X of Higher with 2 GB Graphic Memory / ID Graphics -14" Full HD Display (1920 x 1080 on) with min. 500 Nits Brightness, must have ed Privacy Screen Guard. n:-720p HD webcam with Physical Privacy Dual microphone rd:-Spill Resistant & backlit keyboard with sture support. Print Reader:-Integrated Interface:-Integrated Ethernet 10/100/1000 ative Ethernet Port, If adapter is provided the	minous/Microtek/Transtech/APC th 30 Min. Backup 7/Dell/Lenovo or:-Latest 11 th generation Intel Core i7- ocessor -System on Chip s:-Integrated wireless AX201 ax WiFi 6 + th 5.0 r:-8 GB DDR4 2666 MHz RAM expandable B with 2 DIMM Slots, both slots customer ble. sk Drive:-512 GB SSD s:-Discrete NVIDIA GeForce Graphics of Higher with 2 GB Graphic Memory / ID Graphics -14" Full HD Display (1920 x 1080 on) with min. 500 Nits Brightness, must have ed Privacy Screen Guard. n:-720p HD webcam with Physical Privacy oual microphone rd:-Spill Resistant & backlit keyboard with sture support. Print Reader:-Integrated Interface:-Integrated Ethernet 10/100/1000	minous/Microtek/Transtech/APC th 30 Min. Backup 01 //Dell/Lenovo or:-Latest 11 th generation Intel Core i7- occessor -System on Chip s:-Integrated wireless AX201 ax WiFi 6 + th 5.0 //-8 GB DDR4 2666 MHz RAM expandable 3 with 2 DIMM Slots, both slots customer ble. sk Drive:-512 GB SSD s:-Discrete NVIDIA GeForce Graphics (of Higher with 2 GB Graphic Memory / ID Graphics -14" Full HD Display (1920 x 1080 on) with min. 500 Nits Brightness, must have ed Privacy Screen Guard. n:-720p HD webcam with Physical Privacy Oual microphone rd:-Spill Resistant & backlit keyboard with sture support. Print Reader:-Integrated Interface:-Integrated Ethernet 10/100/1000 ative Ethernet Port, If adapter is provided the	minous/Microtek/Transtech/APC th 30 Min. Backup O1 /Dell/Lenovo or:-Latest 11 th generation Intel Core i7- ocessor -System on Chip s:-Integrated wireless AX201 ax WiFi 6 + th 5.0 r:-8 GB DDR4 2666 MHz RAM expandable 3 with 2 DIMM Slots , both slots customer ble . sk Drive:-512 GB SSD s:-Discrete NVIDIA GeForce Graphics G of Higher with 2 GB Graphic Memory / ID Graphics -14" Full HD Display (1920 x 1080 on) with min. 500 Nits Brightness , must have ad Privacy Screen Guard. n:-720p HD webcam with Physical Privacy oual microphone rd:-Spill Resistant & backlit keyboard with sture support. rrint Reader:-Integrated Interface:-Integrated Ethernet 10/100/1000 ative Ethernet Port , If adapter is provided the

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
01	Support 1 RJ 45 1 HDMI 1.4b 1 Headphone/Microphone Combo Jack Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards Weight:-not more than 1.4 Kgs with battery Security:-Hardware TPM 2.0, Security Lock Slot Speaker / Microphones:-Integrated 2 stereo speakers; HD audio Integrated Dual microphone Battery:-Internal battery, Minimum 3 Cell 43 WHr, Long Life and Quick Charge with Minimum of 10 Hrs of (MM14 Benchmark) Backup. Operating System:-Windows 10 Pro with M.S. Office Professional OS Certification:-Must be certified for Windows 10 Pro 64 bit AC Adapter:-Standard Indian Adaptor Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed Standard Warranty:- 3 Year Comprehensive Warranty including battery Paid Warranty for Extended 2 Years Comprehensive Warranty including battery	03	04	05	06
2	Confidential Costian				
2 2.1	Confidential Section Server Make:- HP/IBM/Dell Form Factor 4U Tower Model Processor Intel Xeon-Bronze 3204 (6-Core, 1.9 GHz, 85W) Memory 1x8 GB RDIMM SR 2933 MT/s Additional 2 X 16GB 1Rx4 PC4-2933Y-R Smart Kit Hard Disk Drive 4 LFF(3.5inch) Non Hot Plug Open Bay 3 X 1TB SATA 7.2K LFF RW HDD Gen10 Slimline ODD Bay Kit RAID Smart Array S100i SR Gen10 Software RAID 0,1,5,10 Optical Drive 9.5mm SATA DVD-RW Optical Drive Power Supply 1x 500W Standard Non-Hot-Plug/non-RPS Power Supply Smart Array E208i-a SR Gen10 Ctrlr Network Controller Embedded 4-Port 1GbE Ethernet 1Gb 4-port 369i Adapter Management iLO Standard with Intelligent Provisioning (embedded) Ms Ws19 (16-Core) edu std ROK en sW With CAL Warranty 3/3/3 (Part/Labor/On-Site) Paid Warranty for Extended 2 Years	01			
2.2	Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution • Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out); WiFi 802.11b/g/n) Standard warranty:1 year onsite Paid Warranty for Extended 4 Years	02			
2.3	Line Matrix Printer Make:- Printonix/wep	01			

Sr.	Name of Item	Qty	Rate in Rs. Per	Copy of	Remark
No.	(with Make & Specification)	Reqd.	Unit	Valid	Kemark
1,0.	(Will Filme of Sportfolius)	Tio qui		Authorizati	
				on	
				Certificate	
				attached or	
01	02	03	04	not 05	06
01	Line Printer 1500 LMP,	03	04	03	00
	USB: Yes,				
	Network :Yes (Box Mode),				
	Compatible with Ribbon Cartridge P/No. 256109-104				
	Standard Warranty : One Year				
	Paid Warranty for Extended 4 Years				
3	PRO Section				
3.1	Desktop Computer with i5 Processor	01			
	Make- HP/Dell/Lenovo Form Factor: Small Form Factor				
	• Chassis:-Tool-less Chassis (Tool-less Hard Drive,				
	Memory & Optical drive Removal)				
	 Chipset:-Commercial Class Intel® Q470 Chipset Processor:- Intel 10th Generation Core i5 10500 				
	Processor /				
	12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology				
	• Memory:-4 GB / 8 GB DDR4-2666 Memory				
	expandability up to 64 GB with 2 DIMM Slots				
	 Storage:-1TB 7200RPM HDD / SMART IV ((Self- Monitoring, Analysis and Reporting Technology) or 				
	equivalent				
	Should capable to Support RAID Graphics:-Intel® UHD Graphics 630				
	Audio:-Integrated audio controller with internal				
	speaker of atleast 2W				
	Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of				
	Cloud Recovery				
	Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller				
	• Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth®				
	M.2 Combo				
	• Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA				
	• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2				
	• Slots:-1 PCI Express v3.0 x1				
	1 PCI Express v3.0 x16 2 M.2				
	• Integrated 5-in-1 SD card reader, 3 SATA Ports				
	Bays:-2 Internal , 1 Externa bay				
	Keyboard:-USB Wired Keyboard,Mouse:-USB Optical Wired Mouse				
	• Power Supply:-180 W with 92% efficiency or better				
	• Volume:-No More than 8 L				
	 Security:-Hardware based endpoint security controller TPM 2.0 				
	Integrated Intrusion Sensor				
	Support for chassis cable lock devices & Support for chassis padlocks devices				
	Drive lock option for HDD to secure Data				
	Integrated protection from malware that lurks on malicious websites				
	Integrated real-time detection and prevention of zero-				
	day threats and advanced persistent threat (APT)				
	attacks for Windows applications Manageability:-Out of band Management independent				
	of the operating system state and power state of PC				
	Integrated utility to enables hardware level testing outside the operating system &				
	Drivers should be available on OEM Website for				
	download Certifications: Microsoft Windows 10				
	 Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star 				
	ISO 9001,14001,20001,27001 for OEM				
	 Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 				
	8.0 Certified				
	with height adjustment stand (Same OEM as desktop)				
	 Standard Warranty:-3 Years onsite Paid Warranty for Extended 2 Years 				
	The state of the s	1	1	1	

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Sr.	Name of Item	Qty	Rate in Rs. Per	Copy of	Remark
No.	(with Make & Specification)	Reqd.	Unit	Valid	
				Authorizati	
				on	
				Certificate	
				attached or	
				not	
01	02	02	0.4		0.0
01	02	03	04	05	06
3.2	Bilingual Typing Software	01			
	for Marathi/English/Hindi				
	Make- Shrilipi/ISM				
4	D 1 (C (
4.1	Development Section	0.1			
4.1	Desktop Computer with i5 Processor	01			
	Make- HP/Dell/Lenovo				
	Form Factor:- Small Form Factor Chaosin Tool loss Chaosin (Tool loss Hand Daine)				
	Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal)				
	• Chipset:-Commercial Class Intel® Q470 Chipset				
	• Processor:- Intel 10 th Generation Core i5 10500				
	Processor /				
	12 MB cache, 6 cores, 12 threads				
	Should Supports Intel® vPro Technology				
	• Memory:-4 GB / 8 GB DDR4-2666 Memory				
	expandability up to 64 GB with 2 DIMM Slots				
	• Storage:-1TB 7200RPM HDD / SMART IV ((Self-				
	Monitoring, Analysis and Reporting Technology) or				
	equivalent				
	Should capable to Support RAID				
	 Graphics:-Intel® UHD Graphics 630 Audio:-Integrated audio controller with internal				
	speaker of atleast 2W				
	• Operating System:-Microsoft Windows 10				
	Professional with OEM Recovery DVD or option of				
	Cloud Recovery				
	• Networking:-Integrated Intel Gigabit 10/100/1000				
	Ethernet Controller				
	• Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth®				
	M.2 Combo				
	• Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4,1				
	VGA				
	• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2				
	• Slots:-1 PCI Express v3.0 x1				
	1 PCI Express v3.0 x16 2 M.2				
	• Integrated 5-in-1 SD card reader, 3 SATA Ports				
	Bays:-2 Internal , 1 Externa bay				
	• Keyboard:-USB Wired Keyboard,				
	Mouse:-USB Optical Wired Mouse				
	• Power Supply:-180 W with 92% efficiency or better				
	• Volume:-No More than 8 L				
	• Security:-Hardware based endpoint security controller				
	TPM 2.0				
	Integrated Intrusion Sensor				
	Support for chassis cable lock devices & Support for				
	chassis padlocks devices Drive lock option for HDD to secure Data				
	Integrated protection from malware that lurks on				
	malicious websites				
	Integrated real-time detection and prevention of zero-				
	day threats and advanced persistent threat (APT)				
	attacks for Windows applications				
	Manageability:-Out of band Management independent				
	of the operating system state and power state of PC				
	Integrated utility to enables hardware level testing outside the operating system &				
	Drivers should be available on OEM Website for				
	download				
	• Certifications:-Microsoft Windows 10				
	FCC,CE, RoHS, UL, EPEAT, Energy Star				
	ISO 9001,14001,20001,27001 for OEM				
	• Display:-21.5" with Minimum resolution of				
	1920X1080, with VGA, HDMI, Display Ports, TCO				
	8.0 Certified with heigh adjustment stand (Same OFM as deskton)				
	with heigh adjustment stand (Same OEM as desktop) • Standard Warranty:-3 Years onsite				
	Paid Warranty for Extended 2 Years				
4.2	Multifunction Laserjet Printer	01			
2	for A3 Size				
	Make- HP/Canon/Epson/Ricoh				
	• Print speed, black :- 21 – 30;				
					

Sr. Name of Item (with Make & Specification) Regul. No. (with Make & Specification) Regul. 1 Unit Valid Authorization Certificate a statched or		1	1	1	ı	
Authorization Certificate attached or not cartificate attached or not cartificate attached or not not cartificate product type: -Laser princes Product type: -Descriptions Princes Product type: -Descriptions Princes Product type: -Descriptions Princes Product Princes Product Princes	Sr.	Name of Item	Qty	Rate in Rs. Per	Copy of	Remark
Authorizati on Certificate attached or not OI Color output: Blick and white Product type: -Laser printers I functions: - Print scan and copy Output capacity: - Up to 250 Sheete Media type and capacity, ADF: - 100 sheete Bookley - 4-Line LCD - South Color output - Blick and copy Output capacity: - Up to 250 Sheete Media type and capacity, ADF: - 100 sheete Bookley - 4-Line LCD - South Speed Industry (count), ADF: - 100 sheete Bookley - 4-Line LCD - Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 22 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed black (count), AD: - Up to 23 ppm Print speed thirtes (celler): - Up to 25 ppm Print	No.	(with Make & Specification)	Regd.	Unit	Valid	
Other culput : Black and whole Certificate attached or not		•	•		Authorizati	
Other coupus: - Black and white - Product type: - Laser printers - Productors: - Print scan and caps - Output capacity: - Up 10 250 Sheets - Madia type and capacity, ADF = 100 sheets - Ondid type: - At inst (TD) - Scan speed (normal, blere): - Up to 30 ppm - Scan speed (normal, blere): - Up to 25 ppm - Print speed black (normal, letter): - Up to 25 ppm - Print speed black (normal, blere): - Up to 25 ppm - Print speed black (normal, blere): - Up to 25 ppm - Print speed black (normal, blere): - Up to 25 ppm - Print speed black (normal, blere): - Up to 25 ppm - Print speed black (normal, blere): - Up to 25 ppm - Print speed black (normal, blere): - Up to 25 ppm - Print speed black (normal, blere): - Up to 25 ppm - Print speed black (normal, blere): - Up to 50,000 ppm - Print speed black (normal, blere): - Up to 50,000 ppm - Print speed out black (blere): - Up to 50,000 ppm - Print speed speed speed speed speed speed speed normal - Print languages: - PLT.SL, PCL6 - Paper trusy, maximum: - 30 - Recommended normally page volume: - 5000 - Dopke printing: - Plant, Mohredght, Light, Loserlet, - Automatic paper santor: - No - Print colours: - Monotochrone - Sean size (ADP), maximum: - 297 x 422 mm - Sean file format: - TIP, PEG, PDF, BMP - Color scanning: - Yes - Sean size (ADP), maximum: - 297 x 422 mm - Sean file format: - TIP, PEG, PDF, BMP - Color scanning: - Yes - Sean size (ADP), maximum: - 297 x 432 mm - Sean file format: - TiP, EG, DF, BMP - Color scanning: - Yes - Sean size (ADP), maximum: - 297 x 432 mm - Sean file format: - TiP, EG, DF, BMP - Color scanning: - Yes - Sean size (ADP), maximum: - 297 x 432 mm - Sean file format: - TiP, EG, DF, BMP - Color scanning: - Yes - Sean size (ADP), maximum: - 297 x 432 mm - Sean file format: - TiP, EG, DF, BMP - Color scanning: - Yes - Sean size (ADP), maximum: - 297 x 432 mm - Sean size (ADP), maximum: - 297 x 432 mm - Sean size (ADP), maximum: - 297 x 432 mm - Sean size (ADP), maximum: - 297 x 432 mm - Sean size (ADP), maximum: - 297 x 432 mm - Sean size (ADP), maximum:						
1					-	
01						
Octobrocuptus : Black and white Product yep: Lancer printers						
Color cutyus: Black and white Productions: Print scan and supy Output capacity: C. Dr. De 250 Sheers Media type and capacity, ADF : 100 Sheers Display: -4-Line LCD Scan speed (cormal, 1ettery): Up to 30 pm Print speed black (normal, 1ettery): Up to 25 pm Print speed black (normal, 1ettery): Up to 25 pm Print speed black (normal, 1ettery): Up to 27 pm Print speed black (normal, 1ettery): Up to 27 pm Print speed black (normal, 1ettery): Up to 28 pm Print speed dayles (Not 1): Up to 12 pm Print speed dayles (Not 1): Up to 12 pm Print speed dayles (Not 1): Up to 12 pm Print speed dayles (Not 1): Up to 12 pm Print speed dayles (Not 1): Up to 12 pm Print speed dayles (Not 1): Up to 12 pm Print speed dayles (Not 1): Up to 12 pm Print speed dayles (Not 1): Up to 12 pm Print speed dayles (Not 1): Up to 15 pm Print speed dayles (Not 1): Up to 15 pm Print speed dayles (Not 1): Up to 15 pm Print speed dayles (Not 1): Up to 15 pm Print speed dayles (Not 1): Up to 15 pm Print speed dayles (Not 1): Up to 50,000 pages per month Print languages: PCLSL PCL6 Paper frays, maximum 2: 3 Recommended monthly page volume: 5000 Puples printing: Plant, Mid-weight, Light, Laserlet, Colored, Preprinted, Recycled, Automatic paper sentor: No Print colonus: Monochrame Scan size (AUD), maximum: 297 x 422 mm Scan file format: TFF, PFG, PFB, BMP Scan Resolution, Hardware: Up to 600 x 600 dp) Polycle aweight: 37 Als Country panel: 4-Line LCD, Quick-lanach hutmans Scan Resolution, Dirical: Up to 600 x 600 dp) Phalanced scanning sesolution: Up to 600 x 600 dp) Phalanced scanning sesolution: Up to 600 x 600 dp) Phalanced scanning sesolution: Up to 600 x 600 dp) Phalanced Scanning sesolution: Up to 600 x 600 dp) Phalanced Scanning sesolution: Up to 600 x 600 dp) Phalanced Scanning sesolution: Up to 600 x 600 dp) Phalanced Scanning sesolution: Up to 600 x 600 x 600 dp) Phalanced Scanning sesolution: Up to						
Product Sym. 2. Laser printers - Pancitions - Prints can and copy - Output capacity :- Up to 250 Sheets - Media type and capacity, ADE :- 100 sheets - Deplays :- 4. Line LCD - Scan speed (normal, AD :- Up to 30 ppm - Scan speed (normal, AD :- Up to 30 ppm - Print speed black (normal, AD :- Up to 30 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed black (normal, AD :- Up to 27 ppm - Print speed thalpes (normal, AD :- Up to 27 ppm - Print speed thalpes (normal, AD :- Up to 27 ppm - Print speed thalpes (normal, AD :- Up to 27 ppm - Print speed thalpes (normal, AD :- Up to 27 ppm - Print speed thalpes (normal, AD :- Up to 27 ppm - Print speed thalpes (normal, AD :- Up to 27 ppm - Print speed thalpes (normal) ppm - Print colours Monochrome - Son are file format TIFF, IPFC, IPFD, BMP - Color scanning :- Ves - Print colours Monochrome - Son are file format TIFF, IPFC, IPFD, BMP - Color scanning :- Ves - Print colours Hone - TIFF, IPFC, IPFD, BMP - Color scanning :- Ves - Control policy - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print speed thalpes - Up to 15 ppm - Print	01	-	03	04	05	06
• Functions - Print scan and copy Ompute capacity: 1, 1 pt. 62 9S heets • Media type and capacity, ADF - 100 sheets • Media type and capacity, ADF - 100 sheets • Display: -4-4 in ef LCD • Scan speed (normal, letter) - Up to 30 ppm • Scan speed (normal, 4) - Up to 30 ppm • Print speed black (normal, 4) - Up to 12 ppm • Print speed black (normal, 4) - Up to 12 ppm • Print speed black (normal, 4) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 12 ppm • Print speed dapter (detter) - Up to 50,000 pages per month • Print languages - PCLSE, PCL 6 • Poper trays, maximum - 3 • Recommended monthly tagge volume - 5000 • Duplex printings - Plain, Mid-weight, Light, Laserlet, Colorad, Preprinted, Recycled, • Aumanatic page zeastor - No • Print colours - Monochrome • Scan Stee (APDP, mattern - 190, 130 mm • Scan like formati - 1111, PPLG, PDP, BMP • Scan acte, (mithern - 190, 130 mm • Auto document feeder capacity - Standard, 100 sheets • Weight - 30 kg (includes supplies) • Package weight - 37 A kg • Control panel - 4-Line LCD, • 4 Ouick Baunch buttons • Scan Resolution, Bardware - • Up to 600 x 600 dp) • Fathanced scanning resolution - • Up to 600 x 600 dp) • Fathanced scanning resolution - • Up to 600 x 600 dp) • Scan Resolution, Optical - • Up to 600 x 600 dp) • Print (quality black (normal) - • Print (part of part o						
Output capacity: - Up to 250 Steets Mediu type and capacity, ADF: - 100 sheets Daplay: - 4. Line LCD Sean speed (normal, A4) - Up to 30 ppm Sean speed (normal, A4) - Up to 30 ppm Print speed black (normal, A47) - Up to 12 ppm Print speed black (normal, A47) - Up to 23 ppm Print speed black (normal, A47) - Up to 23 ppm Print speed black (normal, A47) - Up to 23 ppm Print speed black (normal, A47) - Up to 23 ppm Print speed black (normal, A47) - Up to 25 ppm Print speed duplex (A47) - Up to 12 ppm Print speed duplex (A47) - Up to 12 ppm Print speed duplex (A47) - Up to 12 ppm Print speed duplex (A47) - Up to 50,000 pages per Print spee						
• Media type and capacity, ADF - 100 sheets • Deplays : 4-Line LCD • Scan speed (normal, letter) : Up to 30 ppm • Scan speed (normal, A) : Up to 30 ppm • Print speed black (normal, setter) : Up to 23 ppm • Print speed black (normal, A3) : Up to 12 ppm • Print speed black (normal, A3) : Up to 12 ppm • Print speed duplex (detter) : Up to 12 ppm • Print speed duplex (detter) : Up to 12 ppm • Print speed duplex (detter) : Up to 12 ppm • Print speed duplex (detter) : Up to 12 ppm • Print speed duplex (detter) : Up to 12 ppm • Print speed duplex (detter) : Up to 12 ppm • First speed out black (detter, ready) : As fast as 8.7 see • Multifussking supported : Ves • Duty cycle (month); Letter; ready : As fast as 8.7 see • Multifussking supported : Ves • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; ready : As fast as 8.7 see • Duty cycle (month); Letter; Let		**				
Display: 4-4 Line f CD Sean speed (normal, A4) - Up to 30 ppm Sean speed (normal, A4) - Up to 10 ppm Pinta speed black (normal, A47) - Up to 12 ppm Pinta speed black (normal, A47) - Up to 23 ppm Pinta speed black (normal, A47) - Up to 23 ppm Pinta speed black (normal, A47) - Up to 23 ppm Pinta speed black (normal, A47) - Up to 23 ppm Pinta speed duplex (A47) - Up to 12 ipm Pinta speed duplex (A47) - Up to 12 ipm Pinta speed duplex (A47) - Up to 12 ipm Pinta speed duplex (A47) - Up to 15 ipm Pinta speed duplex (A47) - Up to 50,000 puges per Pinta languages - TO ST, PCT 16 Paper rays, maximum - 3 Recommended monthly ngge volume - 5000 Puplex printing - Plain, Mid-weight, Light, Laserlet, Colored, Preprinted, Recycled, Automatic paper sensor: - No Pinta colours - Monochroune Sean size (A57), maximum - 297 x 432 tum Sean file format - TITP, PLGC, PDF, BMP Color scanning: - Yes Sean size (A57), maximum : 540 x 130 mm Auto document feeder capacity - Standard, 100 abects Weight: - 50 kg (includes supplies) Package weight : 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 Line LCD, Package weight : - 54 x kg Control panel: - 4 x kg Control panel						
Scan speed (normal, 18ters) - U pto 30 pm Print speed hake (normal, 18ters) - U pto 23 pm Print speed hake (normal, 18ters) - U pto 23 pm Print speed hake (normal, 18ters) - U pto 23 pm Print speed dayles (detter) - U pto 12 pm Print speed						
Scan speed foromal, A4): Up to 30 jpm Print speed black (normal, A47): Up to 12 ppm Print speed black (normal, A37): Up to 12 ppm Print speed black (normal, A37): Up to 12 ppm Print speed duplex (A47): Up to 12 jpm Print speed duplex (A47): Up to 15 jpm Print speed duplex (A47): Up to 15 jpm Print speed duplex (A47): Up to 50,000 pages per month Print languages: PCL5E, PCL6 Paper truys, maximum: 3 Recommended monthly page volume: 5000 Upglex printing: Palm, Mid-weight, Light, Laserlet, Colored, Preprinted, Recycled, Automatic page vasies: No Print colours: Monochrome Sum size (A5D7, maximum: 297 x 432 mm Sum file format: "TIPP, PPIC, PDP, BMP Color scanning: Yes Sum size, minimum: 140 x 130 mm Auto document feeder capacity: "Maximum (297 x 442 m						
Print speed black (normal, A3): - Up to 12 ppm Print speed black (normal, A3): - Up to 12 ppm Print speed duplex (deter): - Up to 12 ipm Print speed duplex (deter): - Up to 12 ipm Print speed duplex (deter): - Up to 12 ipm Print speed duplex (deter): - Up to 12 ipm Print speed duplex (deter): - Up to 12 ipm Print speed duplex (deter): - Up to 12 ipm Print speed duplex (deter): - Up to 50,000 pages per mouth Print languages: - PCLSE, PCL6 Paper trays, maximum: - 3 Recommended monthly page volume: - 5000 Duplex printing: - Plain, Mid-weight, Light, Laserlet, Colored, Preprinted, Recycled, Automatic paper sensor: - No Print colours: - Monochrome Scan size (ADP), maximum: - 297 x 432 mm Scan file format: - TIFF, JPEG, JPDF, BMP Color scanning: - Yes Scan size, minimum: - 140 x 130 mm Auto document feeder capacity: - Standard, 100 sheets Weight: - 30 kg (includes supplies) Package weight: - 37 4 kg Coutrol panel: - 4-Line LCD, 4 Quick-lamech buttons Scan Resolution, Hardware:- Up to 600 x 600 dpi Enhanced scanning resolution:- Up to 400 x 4000 dpi Scan Resolution, Optical:- Up to 600 x 600 dpi Print quality black (nest): - Optical: 600 x 600 dpi; Optical: 100 x 600 x						
Print speed black (normal, A3) - Up to 23 ppm Print speed duplex (A4) - Up to 12 pm Print speed duplex (A4) - Up to 12 pm Print speed duplex (Letter, ready) - As fast as 8.7 sec Multitasking supported: Yes Dury cycle (monthly, letter) - Up to 10 pm Print speed duplex (May - Up to 100,000 pages per month Print languages - PCLSE, PCL6 Paper trays, maximum - 3 Recommended monthly page volume - 5000 Duplex printing - Plain, Mid-weight, Light, Laserfet, Colored, Preprinted, Recycled, Automatic paper sensor: No Print colours - Monochrome Scan Size (ADP), maximum - 297 x 432 mm Scan file format - TIFF, JPEG, TDF, BMP Color scanning - Yes Scan size, ADP, maximum - 140 x 130 mm Anto document feeder capacity - Standard, 100 observation of the color of the printing - Poly of the Color scanning - Yes Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes supplies) Pokage weight - 37 A kg. Veight - 30 kg (includes - 10 kg. Veight - 30 kg (includes - 10 kg. Veight - 30 kg. Veight - 30 kg. Veight - 30 kg. Veight - 30 kg. Veight -						
Print speed black (normal, A4): - Up to 12 ppm Print speed duplex (letter) - Up to 12 ipm Print speed duplex (letter, read): - As had as 8.7 sec Multitasking supported: - Yes Duty cycle (monthly, letter): - Up to 50,000 pages per month Print languages: - PC1.5F, PC1.6 Paper truys, maximum: - 3 Recommended monthly page volume: - 5000 Duplex printing: - Plain, Mid weight, Light, Laserlet, Colored, Preprinted, Recycletd, Automatic paper sensor: - No Print colours: - Monochrome Scan size (ADP), maximum: - 297 x 432 mm Scan file format: - TIFF, JPEG, PDF, BMP Color scanning: - Yes Scan size (ADP), maximum: - 297 x 432 mm Scan file format: - TIFF, JPEG, PDF, BMP Color scanning: - Yes Scan size, minimum: - 140 x 130 mm Auto document feeder capacity: - Standard, 100 sheet Weight: - 30 kg (includes supplies) Package weight: - 37.4 kg Control panel: - 4-Line LCD, 4 Quick-lameth buttons Scan Resolution, Hardware: - Up to 600 x 600 dg) Financed scanning resolution: - Up to 400 x 600 dg) Memory: - 128 MB Memory, maximum: - 128 MB Memory - 128 MB Memory - 128 MB Memory - 128 MB Memory, maximum: - 128 MB Memory - 128 MB M						
Print speed duplex (A4): - Up to 12 jpm Print speed duplex (enter): - Up to 12 jpm Print speed duplex (enter): - Up to 12 jpm Print speed duplex (enter): - Up to 50,000 pages per month Print Inanguages: - PCLSE, PCL6 Paper trays, maximum: - 3 Recommended monthly page volume: - 5000 Duplex printing: - Plain, Mid-weight, Light, Laserlet, Colored, Preprinted, Recycled, Automatic paper sensor: - No Print colours: - Monochrome Scan size (ADF), maximum: - 297 x 432 mm Scan file format: - TIPF, JPPG, JPDF, BMP Color scanning: - Yes Scan size, Aminimum: - 140 x 130 mm Auto document feeder capacity: - Standard, 100 sheets Weight: - 30 kg (includes supplies) Package weight: - 37.4 kg Control panel: - 4.1-ine LCD. 4 Quick-lamen buttons Scan Resolution, Hardware:- Up to 600 x 600 dpi Elanaced scanning resolution:- Up to 4800 x 4800 dpi Scan Resolution, Drictal:- Up to 600 x 600 dpi Memory: - 128 MB Memory, maximum: - 128 MB Memory, maximum: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 88, 166 Print quality black (normal):- Up to 600 x 600 dpi Print quality black (normal):- Up to 600 x 600 dpi Print quality black (normal):- Scan Resolution, Drictal:- Up to 600 x 600 dpi Maximum print area:- 297 x 914 mm Scanner advanced elatures:- Scan to PC Copier smart software (charters: Scan to PC Copier smart software (charters: ID Copy, Book Copy, N-UP, Reduce-Ellarge Print Scan, Copy; Pax & Warreless Prints up to 2526 ppm (Normal), A4/detert:- 600 Miltip Drocessor with 256MB RAM Duty Cycle up to 15,000 page Print sput to 500 x 600 dpi Print combiner of the sput per month Provided of the per month P						
Print speed duplex (letter) = Cty to 12 ipm First page out black (letter, redy) - x, as fast as 8.7 sec Multitaskins supported : Yes Duty cycle (monthly, letter) : Up to 50,000 pages per month Print languages : PCLSE, PCL6 Papter trays, maximum : 3 Recommended monthly page volume : 5000 Duplex printing : Plain, Mid-weight, Light, LaserJet, Colored, Preprinted, Recycled, Automatic paper sensor : No Print colours : Monochrome Scan size (ADF), maximum : 297 x, 432 mm Scan file forms : TPF, JPEG, PDF, BMP Color scanning : Yes Scan size, minimum : 140 x, 130 mm Auto document feeder capacity : Standard, 100 shapes Weight : 30 kg (includes supplies) Package weight : 37 Ag g Countol panel : 4-Line LCD, 4 Quick Jaunch buttons Scan Resolution, Hardware : Up to 600 x 600 dpi Erbanced scanning resolution : Up to 4000 x 4800 dpi Scan Resolution, Optical : Up to 600 x 600 dpi Memary : 128 MB Memory, maximum : Memory (Onboard) Standard/Maximum : 128 MB Media sizes supported : A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal) : Up to 600 x 600 dpi Print quality black (normal) : Up to 600 x 600 dpi Maximum print area : 297 x 914 mm Scanner advanced features : Scan to PC Copier smart software features : D Copy, Book Copy, N-UP, Reduce-Plantge Warranty : Standard One year Print (ABH) Standard One year Print (ABH) Standard One year Print (ABH) Standard Warranty Make HPPEpon (Canon Rich) Print (Sach Printer) Make: HPPEpon (Canon Rich) Print (Sach Printer) Make: HPPEpon (Canon Rich) Print (Sach Printer) Make: HPPEpon (Canon Rich) Print (Sach Printer) Print (Sach Printer) Make: HPPEpon (Canon Rich) Print (Sach Printer) Print (Sach Print						
First page out black (letter, ready): - As fast as 8.7 sec Multitasking supported: - Yes Duty cycle (monthly, letter): - Up to 50,000 pages per month Print languages: - PCL5E, PCL6 Paper trays, maximum: - 3 Recommended monthly page volume: - 5000 Duples printing: - Plain, Mid-weight, Light, LaserJet, Colored, Preprinted, Recycled, Automatic pager sensor: - No Print colours: - Monochrome Sean sire (ADP), maximum: - 297 x 432 mm Sam file format: - TIFF, JPEG, PDE, BMP Color scanning: - Yes Scan size, minimum: - 140 x 130 mm Auto document feeder capacity: - Standard, 100 sheets Weight: - 30 kg (includes supplies) Package weight: - 37.4 kg Control pamel: - 441 ins LCD, 4 Quick-launch huttons Scan Resolution, Hardware: Up to 600x x 600 dpi Ebnanced scanning resolution: Up to 480x x 600 dpi Scan Resolution, Dytical: - Up to 600x x 600 dpi Scan Resolution, Dytical: - Up to 600x x 600 dpi Memory: - 128 MB Memory, maximum: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, L6K Print quality black (normal): Up to 600 x 600 dpi Print quality black (normal): Up to 600 x 600 dpi Print quality black (best): - Optical: - 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/brilarge Warranty Standard One year Print was the standard one year Pri						
• Multitasking supported: Yes • Duly cycle (monthly, letter): Up to 50,000 pages per month • Print languages: PCLSE, PCL6 • Paper trays, maximum: 3 • Recommended monthly page volume: 5000 • Duples printing: Plain, Mid-weight, Light, Laserlet, Colored, Preprinted, Recycled, • Automatic paper sensor: No • Print colours: Monochrome • Scan size (ADF), musimum: 297 x 432 mm • Scan file farmat: TITE, PEG, PDF, BMP • Color scanning: Yes • Scan size, minimum: 140 x 130 mm • Auto document feeder capacity: Standard, 100 shades • Weight: 30 kg (includes supplies) • Weight: 30 kg (includes supplies) • Package weight: 37.4 kg • Control panel: 4-Line LCD, • 4 Quick-launch buttons • Scan Resolution, Hardware: • Up to 600 x 600 dpi • Ethinaneed scanning resolution: • Up to 400 x 4800 dpi • Scan Resolution, Dyrical: • Up no 600 x 600 dpi • Memory: 128 MB • Media sizes supported: A3, A4, A5, B4, B5, Officio 216 x 340, 8K, L6K • Print quality black (normal): • Up to 600 x 600 dpi • Print quality black (normal): • Up to 600 x 600 dpi • Print quality black (normal): • Up to 600 x 600 dpi • Print quality black (normal): • Up a 600 x 600 dpi • Print quality black (normal): • Up a 600 x 600 dpi • Print quality black (normal): • Up a 600 x 600 dpi • Print quality black (normal): • Up a 600 x 600 dpi • Print quality black (normal): • Up a 600 x 600 dpi • Print quality black (normal): • Up a 600 x 600 dpi • Print quality black (normal): • Up a 600 x 600 dpi • Print quality black (normal): • Up a 600 x 600 dpi • Print quality black (normal): • Varranty: Standard One year • Pad Warranty of Estended 4 Years 4.3 Online UPS Make: Laminous/Microtek/Transtech 6 K VA with 30 Min. Backup With 264HX16 Battery (Microprocersor control) Standard Warranty With 264HX16 Battery (Microprocersor control) Standard Warranty For the first print resolution • RMPY: Up to 500 to 2,000 pages 2 • 600 x 600 dpi print resolution						
Duty cycle (monthly, letter): -Up to 50,000 pages per month Print languages: -PCL5E, PCL6 Paper trays, maximum: -3 Recommended monthly page volume: - 5000 Duplex printing: -Plain, Mid-weight, Light, LaserJet, Colored, Preprinted, Recycled, Automatic pager sensor: - No Print colors: -Monochrome Scan size (ADF), maximum: -297 x 432 mm Scan file format: -TITF, JPEG, PDF, BMP Color scanning: -Yes Scan size, minimum: -140 x 130 mm Auto document feeder capacity: -Standard, 100 sheets Weight: -30 kg (includes supplies) Package weight: -374 kg Control panel: -4 Line LCD, 4 Quick-launch buttons Scan Resolution, Hardware: -Up to 600 x 600 dpi Enhanced scanning resolution:Up to 600 x 600 dpi Scan Resolution, Optical:Up to 600 x 600 dpi Memory: -128 MB Memory, maximum: - 128 MB Memory, maximum: - 128 MB Memory, maximum: - 128 MB Memory, maximum: - 120 x 1200 x 1200 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi Print quality black (normal):Up to 600 x 600 dpi; Dptical:Up to 600						
month Print languages: PCLSE, PCL6 Paper trays, maximum: -3 Recommended monthly page volume: -5000 Duplex printing: Plain, Mid-weight, Light, LaserJet, Colored, Preprinted, Recycled, Automatic paper sensor: -No Print colorus: -Monochrous Scan Size (ADF), maximum: -297 x 432 mm Scan file furmat: -TIPF, PFG, PDF, BMP Color scanning: -Y 140 x 130 mm Auto document feeder capacity: -Standard, 100 sheets Weight: -30 kg (includes supplies) Package weight: -37.4 kg Control panel: -44.1 inc LCD, 4 Quick-launch buttons Scan Resolution, Hardware: - Up to 600 x 600 dpi Enhanced scanning resolution: - Up to 400 x 4800 dpi Scan Resolution, Optical: - Up to 600 x 600 dpi Memory: -128 MB Memory, maximum: -Memory (Onboard) Standard/Maximum: -128 MB Memory, maximum: -Wemory (Onboard) Standard/Maximum: -128 MB Memory, maximum: -Standard, Ad, 4, 45, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (nest): -Optical: - 000 x 600 dpi Print quality black (nest): -Optical: - 000 x 600 dpi: Optical: - 1200 x 1200 dpi Maximum print area: -297 x 914 mm Scanner advanced features: -Scan to PC Copier smart software features: -ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty Sindard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Hurflepson/Canon/Ricch Print, Scan, Copy, Fax & Wireless Prints up to 2526 ppm (Normal), A4/letter! -600 MIL processor with 256MB RAM - Duty, Cycle up to 15,000 pages - 600 x 600 dpint print resolution						
Piper trays, mustimum: 3 Print languages: PCLSE, PCL6 Paper trays, mustimum: 3 Recommended monthly page volume: - 5000 Duplex printing: Plain, Mid-sweight, Light, Laserdet, Colored, Preprinted, Recycled, Automatic paper sensor: - No Print colours: - Monochrome Sean Size, ADP), maximum: - 297 x 432 mm Seam file format: - TIPE, JPEG, DPE, BMP Color scuming: - Ves Sean size, minimum: - 140 x 130 mm Auto document feeder capacity: - Standard, 100 sheets Weight: - 30 kg (includes supplies) Puckage weight: - 37.4 kg Control panel: -4 Line LCD, 4 Quick-launch buttons Sean Resolution, Hardware: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 4800 x 4800 dpi Seam Resolution, Optical: - Up to 600 x 600 dpi Memory: - 128 MB Memory, maximum: - Memory (Onboard) Standard/Maximum: - 128 MB Memory, maximum: - 128 MB Memory, maximum: - 128 MB Media sizes supported: -3.7, 34, 4, 35, 84, 85, Officio 216 x 340, 8K, 16K Print quality black (normal): - Up to 600 x 600 dpi Print quality black (normal): - Up to 600 x 600 dpi; Optical: 600 x 600 dpi; Optical: - 1200 x 1200 x 1200 dpi - Maximum print area: - 297 x 914 mm Seamer advanced leatures: - Scan to PC Copier smart software features: - TD Copy, Book Copy, N-UP, Reduce Enharge - Warrany; Standard One year - Paid Warranty To Extended 4 Years 4.3 Online UPS Make: Harripson/Ganon/Ricoh Print, Scan, Copy, Fax, & Wireless Prints up to 2526 ppm (Normal). A4/eltere! - 600 Mitz processor with 256MB RAM - Duty Cycle up to 15,000 pages - 600 x 600 dpi print resolution						
Paper trays, maximum : 3 Recommended monthly page volume :- 5000 Duplex printing :- Plain, Mid-weight, Light, LaserJet, Colored, Preprinting, E. Plain, Mid-weight, Light, LaserJet, Colored, Proprinted, Recycled, Automatic paper sensor :- No Print colours :- Monochrome Scan Size (ADF), maximum :- 297 x 432 mm Scan file format :- THF, JPEG, PDF, BMF Color scanning : Yes Scan size, minimum :- 140 x 130 mm Auto document feeder capacity :- Standard, 100 sheets Weight :- 30 kg (includes supplies) Package weight :- 37.4 kg Control panel :- 4-Line LCD, 4 Quick-launch buttons Scan Resolution, Hardware :- Up to 600 x 600 dpi Phananed scanning resolution :- Up to 4800 x 4800 dpi Scan Resolution, Optical :- Up to 600 x 600 dpi Memory :- 128 MB Memory :- 128 MB Memory, maximum :- Memory (Onboard) Standard/Maximum :- 128 MB Memory, maximum :- Memory (Onboard) Standard/Maximum :- 128 MB Memory, maximum :- 120 MB Memory, maximum :- 120 MB Memory in quality black (normal) :- Up to 600 x 600 dpi; Print quality black (normal) :- Up to 600 x 600 dpi; Optical :- 600 x 600 dpi; Optical :- 1200 x 1200 dpi Maximum print area :- 297 x 414 mm Scanner advanced features :- Scan to PC Copier smart software features :- TD Copy, Book Copy, N-UP, Reduce/Enlarge Warranty Standard One year Paid Warranty for Extended 4 Years Online UPS Make: Laminous/Microtek/Transtech 6 K VA with 30 Min. Backup With 26AHX16 Battury (Microprocerssor control) Standard Warranty Miltillunction LaserJet Printer Make: HP/Epson/Canon/Ricoh Print, Scan, Copy, Frax & Wireless Prints up to 25.26 ppm (Normal), A4/etter! 600 K 600 dpi print resolution						
Recommended monthly page volume: - 5000 Duplex printing: - Plain, Mid-weight, Light, LaserJet, Colored, Preprinted, Recycled, Automatic paper sensor - No Print colours: - Monochrome Scan Size (ADE), maximum: - 297 x 432 mm Scan file format: - TIFF, JPEG, PDF, BMP Color scanning: - Yes Scan size, minimum: - 140 x 130 mm Auto document feeder capacity: - Standard, 100 sheets Weight: - 30 kg (includes supplies) Package weight: - 37 A kg Control panel: - 4-Line LCD, 4 Quick-launch buttons Scan Resolution, Hardware: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 600 x 600 dpi Memory: - 128 MB Memory: - maximum: - Memory (Onboard) Standard-Maximum: - 128 MB Memory, maximum: - 128 MB Memory, maximum: - 128 MB Memory, maximum: - 128 MB Memory in a 4, As, As, Bs, Bs, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (normal): Up to 600 x 600 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - Scan to PC Oppier smart software features: - 1D Copy, Book Copy, N-UP, Reduce-Enlarge Warranty Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min Backup With 26AHX16 Battiery (Microprocessor control) Standard-Warranty Al-Returel: - 600 K 600 dpi pint resolution - 74.4 Multifunction LaserJet Printer Make HP-EpsonCanon Ricoh Print, Scan. Copy, Fra. & Wireless Prints up to 2526 ppm (Normal), Al-Retuer! - 600 K 600 dpi pint resolution						
Duplex printing: - Plain, Mid-weight, Light, LaserJet, Colored, Preprinted, Recycled, Automatic paper sensor: - No Print colours: - Monochrome Scan size (ADI), maximum: - 297 x 432 mm Scan file format: - THF, JPEG, PDF, BMP Olor scanning: Yes Scan size, minimum: - 140 x 130 mm Auto document feeder capacity: - Standard, 100 sheets Weight: - 30 kg (includes supplies) Package weight: - 37 A kg Control panel: - 4-Line LCD, 4 Quick-launch buttons Scan Resolution, Hardware: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 600 x 600 dpi Scan Resolution, Optical: Up to 600 x 600 dpi Memory: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 10K Print quality black (normal): Up to 600 x 600 dpi Print quality black (normal): Up to 600 x 600 dpi Maximum print area: - 297 x 9 14 mm Scanner advanced features: - Scan to PC Copyier smart software features: - 1D Copy, Book Copy, N-UP, Reduce-Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transteeh 6 KVA with 30 Min. Backup With 26AHX16 Battery (Microprocessor control) Standard Warranty 4.4 Multifunction Laser-let Printer Make HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wircless Prints up to 25/26 ppm (Normal), Alletter! 600 x 600 dpi pint resolution						
Automatic paper sensor: No Print colours: Nomochrome Scan size (ADF), maximum: 297 x 432 mm Scan file format: THF, JPEG, PDF, BMP Color scanning: Yes Scan size, minimum: 140 x 130 mm Auto document feeder capacity: Standard, 100 sheets Weight: 30 kg (includes supplies) Package weight: 37.4 kg Control panel: 4-41 ine LCD, 4 Quick-launch buttons Scan Resolution, Hardware: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 600 x 600 dpi Scan Resolution, Optical: Up to 600 x 600 dpi Memory: 128 MB Memory: 128 MB Memory: 128 MB Memory, maximum: Memory (Onboard) Standard/Maximum: 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (normal): Copy of x 600 x 600 dpi Maximum print area: 297 x 914 mm Scanner advanced features: Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years Multifunction LaserJet Printer Make: Luminous Microtek Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battery (Microprocersor control) Standard Warranty Print year (Microprocersor control) Standard Warranty Print year (Microprocersor control) Standard Warranty Multifunction LaserJet Printer Make: HP/Eponor/Canor/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25.26 ppm (Normal), Al-Retter! Out the Copy of t		• Duplex printing :- Plain, Mid-weight, Light, LaserJet,				
Print colours : Monochrome						
Scan size (ADF), maximum: - 297 x 432 mm Scan file format: THF, JPEG, PDF, BMP Color scanning: - Yes Scan size, minimum: - 140 x 130 mm - Auto document feeder capacity: - Standard, 100 sheets - Weight: - 30 kg (includes supplies) - Package weight: - 37.4 kg Control panel: - 4-Line LCD, - 4 Quick-launch buttons - Scan Resolution, Hardware: Up to 600 x 600 dpi - Enhanced scanning resolution: Up to 4800 x 4800 dpi - Scan Resolution, Optical: Up to 4800 x 4800 dpi - Scan Resolution, Optical: Up to 600 x 600 dpi - Memory: - 128 MB - Memory: maximum: - Memory (Onboard) Standard/Maximum: - 128 MB - Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, L6K - Print quality black (normal): Up to 600 x 600 dpi - Print quality black (hest): - Optical: 600 x 600 dpi; Optical: - 1200 x 1200 dpi - Maximum print area: - 297 x 914 mm - Scanner advanced features: - Scan to PC - Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge - Warranty; Standard One year - Paid Warranty of Extended 4 Years 4.3 Online UPS - Make: Luminous/Microtek/Transtech - 6 KVA with 30 Min. Backup - With 26AHX16 Batttery (Microprocerssor control) - Standard Warranty 4.4 Multifunction Laser Jet Printer - Make: HP/Epson/Canon/Kicoh - Print, Scan, Copy, - Fax & Wireless - Prints up to 25/26 ppm (Normal), - A4-letter! - 600 x 600 tp iprint resolution - RNPY: Up to 500 to 2,000 pages - 600 x 600 tp iprint resolution - RNPY: Up to 500 to 2,000 pages - 600 x 600 tp iprint resolution						
• Scan file format : TIFF, JPEG, PDF, BMP • Color scanning: "Yes • Scan size, minimum: - 140 x 130 mm • Auto document feeder capacity: - Standard, 100 sheets • Weight: - 30 kg (includes supplies) • Package weight: - 37.4 kg • Control panel: -4-Line LCD, • 4 Quick-launch buttons • Scan Resolution, Hardware: - • Up to 600 x 600 dpi • Enhanced scanning resolution: - • Up to 4800 x 4800 dpi • Scan Resolution, Optical: - • Up to 600 x 600 dpi • Memory: 128 MB • Memory: 128 MB • Memory, maximum: - Memory (Onboard) Standard/Maximum: - 128 MB • Memory, maximum: - 128 MB • Media sizes supported: -A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K • Print quality black (normal): - • Up to 600 x 600 dpi • Print quality black (normal): - • Up to 600 x 600 dpi; Optical: - • 600 x 600 dpi; Optical: - 1200 x 1200 dpi • Print quality black (normal): - • Up to 600 x 600 dpi; Optical: - 1200 x 1200 dpi • Print quality black (best): - Optical: - • 600 x 600 dpi; Optical: - 1200 x 1200 dpi • Maximum print area: - 297 x 914 mm • Scanner advanced features: - Scan to PC • Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge • Warranty; Standard One year • Paid Warranty of Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battlery (Microprocersor control) Make: HP/Epson/Canon/Kicoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter! • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RNPY: Up to 500 to 2,000 pages • 600 x 600 dpi print resolution						
• Color scanning: - Yes • Scan size, minimum: - 140 x 130 mm • Auto document feeder capacity: - Standard, 100 sheets • Weight: - 30 kg (includes supplies) • Package weight: - 37.4 kg • Control panel: - 4-Line LCD, • 4 Quick-launch buttons • Scan Resolution, Hardware: - • Up to 600 x 600 dpi • Enhanced scanning resolution: - • Up to 4800 x 4800 dpi • Scan Resolution, Optical: • Up to 600 x 600 dpi • Memory: - 128 MB • Memory: - 128 MB • Memory, maximum: - 128 MB • Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K • Print quality black (normal): - • Up to 600 x 600 dpi • Print quality black (best): - Optical: - • 600 x 600 dpi; - 1200 x 1200 dpi • Maximum print area: -297 x 914 mm • Scanner advanced features: - Scan to PC • Copier smart software features: - ID Copy, Book Copy, N-IP, Reduce/Enlarge • Warranty: Standard One year • Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battlery (Microprocerssor control) Standard Warranty 4.4 Multifunction Laser-let Printer Make: HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter! • 600 x 600 dpi print resolution						
Sean size, minimum: 140 x 130 mm Auto document feeder capacity: Standard, 100 sheets Weight: -30 kg (includes supplies) Package weight: -37.4 kg Control panel: -4-Line LCD, 4 Quick-launch buttons Scan Resolution, Hardware: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 4800 x 4800 dpi Scan Resolution, Optical: Up to 600 x 600 dpi Memory: -128 MB Maximum minum: -128 MB Maximum minum: -128 MB Maximum print area: -297 x 914 mm Scanner advanced features: -1200 x 1200 dpi Maximum print area: -297 x 914 mm Scanner advanced features: -1200 x 1200 dpi Maximum print area: -297 x 914 mm Scanner advanced features: -10 Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battlery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make. HP/Epson/Canon Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter! -600 MHz processor with 256MB RAM -Duty Cycle up to 15,000 page per month -RMPV: Up to 500 to 2,000 pages -600 x 600 dpi print resolution						
Auto document feeder capacity: Standard, 100 sheets • Weight: - 30 kg (includes supplies) • Package weight: - 37 kg • Control panel: - 4-Line LCD, • 4 Quick-launch buttons • Scan Resolution, Hardware: • Up to 600 x 600 dpi • Enhanced scanning resolution:- • Up to 4800 x 4800 dpi • Scan Resolution, Optical:- • Up to 600 x 600 dpi • Memory: - 128 MB • Memory: - 128 MB • Memory: maximum: - Memory (Onboard) Standard/Maximum: : 128 MB • Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K • Print quality black (normal):- • Up to 600 x 600 dpi • Print quality black (normal):- • Frint quality black (normal):- • Copy Scan advanced features:- Scan to PC • Copier smart software features:- ID Copy, Book Copy, N-UP, Reduce/Enlarge • Warranty: Standard One year • Paid Warranty for Extended 4 Years 4.3 **Online UPS** Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHI 6 Battery (Microprocerssor control) Standard Warranty 4.4 **Multifunction Laser-Jet Printer** Make:- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter! • 600 x 600 dpi print resolution						
sheets • Weight: 30 kg (includes supplies) • Package weight: 37.4 kg • Control panel: -4-Line LCD, • 4 Quick-launch buttons • Scan Resolution, Hardware:- • Up to 600 x 600 dpi • Enhanced scanning resolution:- • Up to 4800 x 4800 dpi • Scan Resolution, Optical:- • Up to 600 x 600 dpi • Memory: - 128 MB • Memory: - 128 MB • Memory: maximum:- Memory (Onboard) Standard/Maximum:- 128 MB • Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, SK, 16K • Print quality black (normal):- • Up to 600 x 600 dpi • Print quality black (normal):- • Oto x 600 x 600 dpi • Maximum print area: - 297 x 914 mm • Scanner advanced features: - Scan to PC • Copier smart software features:- ID Copy, Book Copy, N-UP, Reduce Enlarge • Warranty: Standard One year • Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battlery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make: HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/etter! • 600 Mikz processor with 256MB RAM • Duty Cyele up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 x 600 dpi print resolution						
Weight: - 30 kg (includes supplies) Package weight: - 37.4 kg Control panel: - 44-Line LCD, 4 Quick-launch buttons Scan Resolution, Hardware: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 4800 x 4800 dpi Scan Resolution, Optical: Up to 600 x 600 dpi Memory: - 128 MB Memory: - 128 MB Memory: - 128 MB Memory: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (normal): Up to 600 x 600 dpi Print quality black (best): - Optical: 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - Scan to PC Coppier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHA/16 Battery (Microprocerssor control) Standard Warranty With 26AHA/16 Battery (Microprocerssor control) Standard Warranty 4.4 Multifunction Laser-Jet Printer Make. HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/etter! - 600 Mt/z processor with 256MB RAM - Duty Cycle up to 15,000 page per month - RMPV: Up to 500 to 2,000 pages2 - 600 x 600 dpi print resolution		= '				
Package weight: -37.4 kg						
Control panel: -4-Line LCD, 4 Quick-launch buttons Scan Resolution, Hardware: Up to 600 x 600 dpi Enhanced scanning resolution: Up to 4800 x 4800 dpi Scan Resolution, Optical: Up to 600 x 600 dpi Memory: -128 MB Memory: -128 MB Memory, maximum: -Memory (Onboard) Standard/Maximum: - 128 MB Media sizes supported: -A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (normal): Up to 600 x 600 dpi Print quality black (best): - Optical: 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print are: -297 x 9.14 mm Scanner advanced features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years Multifunctionel Askup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty Multifunction LaserJet Printer Make: HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter! 600 x 600 x 600 dpi print resolution RMPY: Up to 500 to 2,000 pages2 600 x 600 x 600 dpi print resolution						
• 4 Quick-launch buttons • Scan Resolution, Hardware :- • Up to 600 x 600 dpi • Enhanced scanning resolution :- • Up to 4800 x 4800 dpi • Scan Resolution, Optical :- • Up to 600 x 600 dpi • Memory: 128 MB • Memory: 128 MB • Memory, maximum :- Memory (Onboard) Standard/Maximum :- 128 MB • Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K • Print quality black (normal) :- • Up to 600 x 600 dpi • Print quality black (best): - Optical :- • 600 x 600 dpi; Optical: - 1200 x 1200 dpi • Maximum print area :- 297 x 914 mm • Scanner advanced features :- DC opy, Book Copy, N-UP, Reduce/Enlarge • Warranty: Standard One year • Paid Warranty Standard One year • Paid Warranty (Standard One year • Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 kVA with 30 Min. Backup With 26AHX16 Battery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter! • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 x 600 dpi print resolution						
Up to 600 x 600 dpi Enhanced scanning resolution: Up to 4800 x 4800 dpi Scan Resolution, Optical: Up to 600 x 600 dpi Memory: - 128 MB Memory: - 128 MB Memory, maximum: - Memory (Onboard) Standard/Maximum: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (best): - Optical: 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty or Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battlery (Microprocerssor control) Standard Warranty With 26AHX16 Battlery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter! - 600 MHz processor with 256MB RAM - Duty Cycle up to 15,000 page per month - RMPV: Up to 500 to 2,000 pages2 - 600 x 600 dpi print resolution		• 4 Quick-launch buttons				
Enhanced scanning resolution: Up to 4800 x 4800 dpi Scan Resolution, Optical: Up to 600 x 600 dpi Memory: 128 MB Memory, maximum: Memory (Onboard) Standard/Maximum: 128 MB Media sizes supported: A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (best): Optical:		Scan Resolution, Hardware :-				
Up to 64800 x 4800 dpi Scan Resolution, Optical: Up to 600 x 600 dpi Memory: 128 MB Memory, maximum: - Memory (Onboard) Standard/Maximum: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (normal): Official: - 1200 x 1200 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty (Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letterl - 600 MHz processor with 256MB RAM - Duty Cycle up to 15,000 page per month - RMPV: Up to 500 to 2,000 pages2 - 600 x 600 dpi print resolution						
Scan Resolution, Optical: Up to 600 x 600 dpi Memory: 128 MB Memory, maximum: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (best): - Optical: - 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Filarge Warranty: Standard One year Paid Warranty for Extended 4 Years Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make: HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 - 600 MHz processor with 256MB RAM - Duty Cycle up to 15,000 page per month RMPV: Up to 500 to 2,000 pages2 - 600 x 600 dpi print resolution						
Up to 600 x 600 dpi Memory: 128 MB Memory, maximum: - Memory (Onboard) Standard/Maximum: 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal):- Up to 600 x 600 dpi Print quality black (best):- Optical:- 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print area:- 297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make-HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 600 MHz processor with 256MB RAM Duty Cycle up to 15,000 page per month RMPV: Up to 500 to 2,000 pages2 600 x 600 dpi print resolution						
Memory: - 128 MB Memory, maximum: - Memory (Onboard) Standard/Maximum: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): - Up to 600 x 600 dpi Print quality black (best): - Optical: - 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print area: -297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battlery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 -600 MHz processor with 256MB RAM -Duty Cycle up to 15,000 page per month -RMPV: Up to 500 to 2,000 pages2 -600 x 600 dpi print resolution						
Memory, maximum: - Memory (Onboard) Standard/Maximum: - 128 MB Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal):- Up to 600 x 600 dpi Print quality black (best): - Optical:- 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 kVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 600 MHz processor with 256MB RAM Duty Cycle up to 15,000 page per month RMPV: Up to 500 to 2,000 pages2 600 x 600 dpi print resolution						
Standard/Maximum: 128 MB • Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K • Print quality black (normal): - • Up to 600 x 600 dpi • Print quality black (best): - Optical: - • 600 x 600 dpi; Optical: - 1200 x 1200 dpi • Maximum print area: - 297 x 914 mm • Scanner advanced features: - Scan to PC • Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge • Warranty: Standard One year • Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan. Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
Media sizes supported: - A3, A4, A5, B4, B5, Officio 216 x 340, 8K, 16K Print quality black (normal): Up to 600 x 600 dpi Print quality black (best): - Optical: 600 x 600 dpi; Optical: - 1200 x 1200 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 600 MHz processor with 256MB RAM Duty Cycle up to 15,000 page per month RNPY: Up to 500 to 2,000 pages2 600 x 600 dpi print resolution						
216 x 340, 8K, 16K Print quality black (normal):- Up to 600 x 600 dpi Print quality black (best):- Optical:- 600 x 600 dpi; Optical:- 1200 x 1200 dpi Maximum print area:- 297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features:- ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 600 MHz processor with 256MB RAM Duty Cycle up to 15,000 page per month RNPP: Up to 500 to 2,000 pages2 600 x 600 dpi print resolution						
Print quality black (normal): Up to 600 x 600 dpi Print quality black (best): Optical: 600 x 600 dpi; Optical: 1200 x 1200 dpi Maximum print area: 297 x 914 mm Scanner advanced features: Scan to PC Copier smart software features: ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction Laser Jet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter! 600 MHz processor with 256MB RAM Duty Cycle up to 15,000 page per month RMPY: Up to 500 to 2,000 pages2 600 x 600 dpi print resolution						
Up to 600 x 600 dpi Print quality black (best): Optical: 600 x 600 dpi; Optical: 1200 x 1200 dpi Maximum print area: 297 x 914 mm Scanner advanced features: Scan to PC Copier smart software features: ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty: Standard One year Paid Warranty for Extended 4 Years Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 600 MHz processor with 256MB RAM Duty Cycle up to 15,000 page per month RMPV: Up to 500 to 2,000 pages2 600 x 600 dpi print resolution						
• 600 x 600 dpi; Optical :- 1200 x 1200 dpi • Maximum print area :- 297 x 914 mm • Scanner advanced features :- Scan to PC • Copier smart software features :- ID Copy, Book Copy, N-UP, Reduce/Enlarge • Warranty :Standard One year • Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KV A with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution		• Up to 600 x 600 dpi				
Maximum print area :- 297 x 914 mm Scanner advanced features :- Scan to PC Copier smart software features :- ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty :Standard One year Paid Warranty for Extended 4 Years Online UPS Make: Luminous/Microtek/Transtech KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 600 MHz processor with 256MB RAM Duty Cycle up to 15,000 page per month RMPV: Up to 500 to 2,000 pages2 600 x 600 dpi print resolution						
Scanner advanced features:- Scan to PC Copier smart software features:- ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty:Standard One year Paid Warranty for Extended 4 Years Online UPS Make: Luminous/Microtek/Transtech KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make-HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
Copier smart software features :- ID Copy, Book Copy, N-UP, Reduce/Enlarge Warranty :Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
Copy, N-UP, Reduce/Enlarge • Warranty :Standard One year • Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
Warranty :Standard One year Paid Warranty for Extended 4 Years 4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 600 MHz processor with 256MB RAM Duty Cycle up to 15,000 page per month RMPV: Up to 500 to 2,000 pages2 600 x 600 dpi print resolution						
Paid Warranty for Extended 4 Years Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
4.3 Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution		1				
Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution	4.3	·	01			
6 KVA with 30 Min. Backup With 26AHX16 Batttery (Microprocerssor control) Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
Standard Warranty 4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution		6 KVA with 30 Min. Backup				
4.4 Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution	4 4		02			
Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution	4.4		02			
Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
• 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution		• 600 MHz processor with 256MB RAM				
• RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution						
• 600 x 600 dpi print resolution						
In opeca Cod 2.0 port (noor						
		In speed CDD 2.0 port (1108)	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on	Remark
				Certificate attached or not	
01	02	03	04	05	06
	device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out); WiFi 802.11b/g/n) Standard warranty:1 year onsite				
5	Paid Warranty for Extended 4 Years Computer Centre				
5.1	Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution • Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out); WiFi 802.11b/g/n) Standard warranty:1 year onsite	01			
	Paid Warranty for Extended 4 Years				
5.2	Online UPS Make: Luminous/Microtek/Transtech 6 KVA with 30 Min. Backup With 26AHX16 Battery (Microprocessor control) Warranty: As per Standard	01			
6	Deans Office				
6.1	Laptop Make-HP/Dell/Lenovo Processor:-Latest 11 th generation Intel Core i7- 1165 processor Chipset:-System on Chip Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0 Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots , both slots customer replaceable. Hard Disk Drive:-512 GB SSD Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness , must have Integrated Privacy Screen Guard. Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone Keyboard:-Spill Resistant & backlit keyboard with multi gesture support. Finger Print Reader:-Integrated Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC , Native Ethernet Port , If adapter is provided the Speed must match that of PCIe compliant ethernet port. Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A , at least 1 USB Type C with Display & Charging Support 1 RJ 45 1 HDMI 1.4b 1 Headphone/Microphone Combo Jack Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards Weight:-not more than 1.4 Kgs with battery Security:-Hardware TPM 2.0, Security Lock Slot Speaker / Microphones:-Integrated 2 stereo speakers; HD audio Integrated Dual microphone Battery:-Internal battery , Minimum 3 Cell 43 WHr , Long Life and Quick Charge with Minimum of 10	02			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid	Remark
				Authorizati on	
				Certificate attached or	
01	02	03	04	not 05	06
- VI	Hrs of	0.5	01	0.5	00
	(MM14 Benchmark) Backup.				
	Operating System:-Windows 10 Pro with M.S. Office Professional				
	OS Certification:-Must be certified for Windows 10				
	Pro 64 bit				
	AC Adapter:-Standard Indian Adaptor Mandatory Industry Standard Certifications:-UL,				
	FCC, BIS Compliance, MIL-STD 810G Passed				
	(Minimum 15 Test Completed) • Standard Warranty:- 3 Year Comprehensive				
	Warranty including battery				
	Paid Warranty for Extended 2 Years Comprehensive				
6.2	Warranty including battery	01			
0.2	Desktop Computer with i7 Processor Make-HP/Dell/Lenovo	01			
	Form Factor:- Small Form Factor				
	• Chassis:-Tool-less Chassis (Tool-less Hard Drive,				
	Memory & Optical drive Removal) Chipset:-Commercial Class Intel® Q470 Chipset				
	 Processor:-Intel 10th Generation Core i7 10700 				
	Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads				
	Should Supports Intel® vPro Technology				
	• Memory:-8 GB DDR4-2666 Memory expandability up				
	to 64 GB with 2 DIMM Slots Storage:-1TB 7200RPM HDD /SMART IV ((Self-				
	Monitoring, Analysis and Reporting Technology) or				
	equivalent Should capable to Support RAID				
	 Graphics:-Intel® UHD Graphics 630 				
	Audio:-Integrated audio controller with internal Audio:-Integrated audio controller with internal Audio:-Integrated audio controller with internal				
	speaker of atleast 2W Operating System:-Microsoft Windows 10				
	Professional with OEM Recovery DVD or option of				
	Cloud Recovery Networking:-Integrated Intel Gigabit 10/100/1000				
	Ethernet Controller				
	• Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo				
	Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4,1				
	VGA				
	 USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x1 				
	1 PCI Express v3.0 x16				
	2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports				
	Bays:-2 Internal , 1 Externa bay				
	 Keyboard:-USB Wired Keyboard, 				
	 Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better 				
	Volume:-No More than 8 L				
	 Security:-Hardware based endpoint security controller TPM 2.0 				
	Integrated Intrusion Sensor				
	Support for chassis cable lock devices & Support for chassis padlocks devices				
	Drive lock option for HDD to secure Data				
	Integrated protection from malware that lurks on malicious websites				
	Integrated real-time detection and prevention of zero- day threats and advanced persistent threat (APT)				
	attacks for Windows applications				
	Manageability:-Out of band Management independent of the operating system state and power state of PC				
	Integrated utility to enables hardware level testing				
	outside the operating system &				
	Drivers should be available on OEM Website for download				
	Certifications:-Microsoft Windows 10				
	FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM				
	Display:-21.5" with Minimum resolution of				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or not	Remark
01	02	03	04	05	06
01	1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop) • Standard Warranty:-3 Years onsite	0.5	04	0.5	00
	Paid Warranty for Extended 2 Years	0.1			
6.3	LaserJet Printer Make- HP/Canon/Epson/Ricoh Print, Scan, Copy Prints up to14 ppm1 (ISO) – A4 print & copy Duty Cycle up to 5,000 pages per month RMPV: Up to 250 to 2,000 pages2 600 x 600 dpi print resolution 230 MHz with 32MB RAM Hi-speed USB 2.0 port 12X Black Original LaserJet Toner- 2000 pages 1 year RTB warranty Paid Warranty for Extended 4 Years	01			
6.4	Bilingual Typing Software	01			
	for Marathi/English/Hindi Make- ISM/ Shrilipi 7.4-NXT				
6.5	UPS	01			
	600 VA, 20 Min. backup Make- Luminous/Microtek/Transtech/APC Standard warranty				
7	Board of innovation, Incubation &				
7.1	linkages Desktop Computer with i5 Processor	02			
	Make-HP/Dell/Lenovo Form Factor: Small Form Factor Chassis: Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) Chipset: Commercial Class Intel® Q470 Chipset Processor: Intel 10 th Generation Core i5 10500 Processor / 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology Memory: 4 GB / 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots Storage: -1TB 7200RPM HDD / SMART IV ((Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Graphics: -Intel® UHD Graphics 630 Audio: -Integrated audio controller with internal speaker of atleast 2W Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery Networking: -Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4, 1 VGA USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal, 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
N1	02	03	04	not 05	06
01	chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero- day threats and advanced persistent threat (APT) attacks for Windows applications • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM • Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)	03	04	05	06
	• Standard Warranty:-3 Years onsite				
7.2	▶ Paid Warranty for Extended 2 Years Scanner Brand: HP/Canon/Epson Scan Speed: A4/4x6 inch, 300dpi, Colour: 8/4 sec Scanning Speed Greyscale (300-4800 dpi): 1.7- 8.2msec/line Scanning Speed Colour (300-4800 dpi): 1.7- 25.4msec/line Optical Resolution: 4800x4800 dpi Operating Temperature Range: 5-35 deg C Dimensions: 250x365x39 mm Scanning Method: CIS Light Source: 3 Color (RGB) LED Selectable Resolution: 25-19200 dpi Operating Humidity Range: 10-90 %RH (Without Condensation Formation) Power Supply: Supplied via USB port Type: Flatbed Scanner System Requirements: Display: 1024x768 XGA Document Size: A4/Letter (216x297 mm) Interface: USB-Type C (USB 3.0 & 2.0 Compatible) Supported OS: Windows: 10/8.1/7 SP1/OS X 10.11.6 Mac: 10.12-10.13 MacOS Warranty: 1 Year Warranty Paid Warranty for Extended 4 Years	01			
7.3	LaserJet Pro Printer Make- HP/Epson/Canon/Ricoh Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 26 ppm • Black (A4, ready): As fast as 8 sec • Duty Cycle: Up to 30,000 pages • RMPV: 250 to 2000 • 1 Hi-Speed USB 2.0; 1 Ethernet 10/100; Wi Fi 802.11b/g/n • ePrint; Wireless Direct Printing 1 year onsite warranty Paid Warranty for Extended 4 Years	02			
7.4	Multifunction LaserJet Printer Make- HP/Epson/Canon/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution • Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port;	01			

Sr.	Name of Item	Qty	Rate in Rs. Per	Copy of	Remark
No.	(with Make & Specification)	Reqd.	Unit	Valid	Kemark
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				on	
				Certificate	
				attached or	
01	02	02	0.4	not	06
01	02 Phone line port (in/out); WiFi	03	04	05	06
	802.11b/g/n)				
	Standard warranty:1 year onsite Paid Warranty for Extended 4 Years				
	raid warranty for Extended 4 Tears				
8	Incubation Centre				
8.1	Desktop Computer with i5 Processor	10			
	Make-HP/Dell/Lenovo • Form Factor:- Small Form Factor				
	Chassis:-Tool-less Chassis (Tool-less Hard Drive,				
	Memory & Optical drive Removal)				
	Chipset:-Commercial Class Intel® Q470 Chipset Processor:- Intel 10 th Generation Core i5 10500				
	Processor /				
	12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology				
	Memory:-4 GB / 8 GB DDR4-2666 Memory				
	expandability up to 64 GB with 2 DIMM Slots				
	Storage:-1TB 7200RPM HDD / SMART IV ((Self-Monitoring, Analysis and Reporting Technology) or				
	equivalent				
	Should capable to Support RAID				
	Graphics:-Intel® UHD Graphics 630 Audio:-Integrated audio controller with internal				
	speaker of atleast 2W				
	Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of				
	Cloud Recovery				
	Networking:-Integrated Intel Gigabit 10/100/1000 Ed. (18)				
	Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with				
	Bluetooth® M.2 Combo				
	Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA				
	• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen				
	2				
	Slots:-1 PCI Express v3.0 x1 PCI Express v3.0 x16				
	2 M.2				
	Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal, 1 Externa bay				
	Keyboard:-USB Wired Keyboard,				
	Mouse:-USB Optical Wired Mouse				
	 Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L 				
	Security:-Hardware based endpoint security				
	controller TPM 2.0				
	Integrated Intrusion Sensor Support for chassis cable lock devices & Support for				
	chassis padlocks devices				
	Drive lock option for HDD to secure Data Integrated protection from malware that lurks on				
	malicious websites				
	Integrated real-time detection and prevention of zero-day threats and advanced persistent threat				
	(APT) attacks for Windows applications				
	Manageability:-Out of band Management independent of the operating system state and power				
	state of PC				
	Integrated utility to enables hardware level testing				
	outside the operating system & Drivers should be available on OEM Website for				
	download				
	Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star				
	ISO 9001,14001,20001,27001 for OEM				
	Display:-21.5" with Minimum resolution of				
	1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified				
	with heigh adjustment stand (Same OEM as desktop)				
	Standard Warranty:-3 Years onsite Paid Warranty for Extended 2 Years				
8.2	Scanner	01			
	~~~~~	1	<u>I</u>	I	

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid	Remark
	•	•		Authorizati on	
				Certificate attached or	
				not	
01	02 Brand :- HP/Canon/Epson	03	04	05	06
	• Scan Speed: - A4/4x6 inch, 300dpi, Colour: - 8/4 sec				
	• Scanning Speed Greyscale (300-4800 dpi) :- 1.7-8.2msec/line				
	• Scanning Speed Colour (300-4800 dpi) :- 1.7- 25.4msec/line				
	Optical Resolution :- 4800x4800 dpi				
	<ul> <li>Operating Temperature Range :- 5-35 deg C</li> <li>Dimensions :- 250x365x39 mm</li> </ul>				
	Scanning Method :- CIS				
	<ul><li>Light Source :- 3 Color (RGB) LED</li><li>Selectable Resolution :- 25-19200 dpi</li></ul>				
	Operating Humidity Range :- 10-90 %RH (Without)				
	Condensation Formation)				
	<ul><li>Power Supply :- Supplied via USB port</li><li>Type :- Flatbed Scanner</li></ul>				
	• System Requirements :- Display :- 1024x768 XGA				
	<ul> <li>Power Consumption :- Operation :- 4.5 W</li> <li>Standby :- 0.3 W</li> </ul>				
	• Document Size :- A4/Letter (216x297 mm)				
	• Interface :- USB-Type C (USB 3.0 & 2.0 Compatible)				
	• Supported OS :- Windows :- 10/8.1/7 SP1/OS X				
	10.11.6 • Mac :- 10.12-10.13 MacOS				
	Warranty :- 1 Year Warranty				
8.3	Paid Warranty for Extended 4 Years  LaserJet Pro Printer	05			
0.5	Make-HP/Epson/Canon/Ricoh				
	Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 26 ppm				
	• Black (A4, ready): As fast as 8 sec				
	• Duty Cycle: Up to 30,000 pages • RMPV: 250 to 2000				
	• 1 Hi-Speed USB 2.0; 1 Ethernet 10/100;				
	Wi Fi 802.11b/g/n • ePrint; Wireless Direct Printing				
	1 year onsite warranty				
	Paid Warranty for Extended 4 Years				
9	Regional Coordinatiing institute – Unnat Bharat Abhiyan				
9.1	Desktop Computer with i7 Processor	02			
	:-Make:- HP/dell/Lenovo  Form Factor:- Small Form Factor				
	Chassis:-Tool-less Chassis (Tool-less Hard Drive,				
	Memory & Optical drive Removal)  Chipset:-Commercial Class Intel® Q470 Chipset				
	• Processor:-Intel 10 th Generation Core i7 10700				
	Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads				
	Should Supports Intel® vPro Technology				
	Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots				
	• Storage:-1TB 7200RPM HDD /SMART IV ( (Self-				
	Monitoring, Analysis and Reporting Technology) or equivalent				
	Should capable to Support RAID				
	<ul> <li>Graphics:-Intel® UHD Graphics 630</li> <li>Audio:-Integrated audio controller with internal</li> </ul>				
	speaker of at least 2W				
	Operating System:-Microsoft Windows 10     Professional with OEM Recovery DVD or option				
	of Cloud Recovery				
	Networking:-Integrated Intel Gigabit 10/100/1000     Ethernet Controller				
	Intel® Wi-Fi 6 AX201 802.11ax 2x2 with  Plustooth® M 2 Combo				
	Bluetooth® M.2 Combo  Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1				
	VGA				
	• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2				
L	1	1			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
Λ1	Ω2	03	04	not 05	06
01	• Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 • Integrated 5-in-1 SD card reader, 3 SATA Ports • Bays:-2 Internal , 1 Externa bay • Keyboard:-USB Wired Keyboard, • Mouse:-USB Optical Wired Mouse • Power Supply:-180 W with 92% efficiency or better • Volume:-No More than 8 L • Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM • Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as	03	04	05	06
	desktop)				
	<ul> <li>Standard Warranty:-3 Years onsite</li> <li>Paid Warranty for Extended 2 Years</li> </ul>				
9.2	LaserJet Pro Make-HP/Canon/Epson/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1 • 600 MHz processor with 256MB RAM • Duty Cycle up to 15,000 page per month • RMPV: Up to 500 to 2,000 pages2 • 600 x 600 dpi print resolution • Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out); WiFi 802.11b/g/n)^ Standard Warranty:-1 Years onsite Paid Warranty for Extended 4 Years	02			
9.3	UPS	02			
	1 KVA with 30 Min. Backup Make- Luminous/Microtek/Transtech/APC				
10	Finance Section				
10.1	<ul> <li>Desktop Computer with i7 Processor         Make-HP/Dell/Lenovo         </li> <li>Form Factor:- Small Form Factor</li> <li>Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory &amp; Optical drive Removal)</li> <li>Chipset:-Commercial Class Intel® Q470 Chipset</li> <li>Processor:-Intel 10th Generation Core i7 10700         Processor with 3.1 GHz base frequency         12 MB cache, 6 cores, 12 threads         Should Supports Intel® vPro Technology     </li> <li>Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots</li> <li>Storage:-1TB 7200RPM HDD /SMART IV ( (Self-</li> </ul>	10			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	02	0.4	not	06
01	Monitoring Analysis and Reporting Technology) or	03	04	05	06
	Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Graphics:-Intel® UHD Graphics 630 Audio:-Integrated audio controller with internal speaker of atleast 2W Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal , 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications Manageability:-Out of band Management independent of the operating system & Driver should be available on OEM Website for download Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM Display:-21.5" with Minimum resolution of 1920X1080, with VGA , HDMI, Display Ports, TCO 8.0 Certified				
	with heigh adjustment stand (Same OEM as desktop) • Standard Warranty:-3 Years onsite				
	Paid Warranty for Extended 2 Years				
10.2	<ul> <li>Paid Warranty for Extended 2 Years</li> <li>Laptop         Make-HP/Dell/Lenovo         • Processor:-Latest 11th generation Intel Core i7- 1165 processor         • Chipset:-System on Chip         • Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0         • Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.         • Hard Disk Drive:-512 GB SSD         • Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics         • Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.         • Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone         • Keyboard:-Spill Resistant &amp; backlit keyboard with     </li> </ul>	02			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	02	0.4	not	06
01	multi gesture support.  Finger Print Reader:-Integrated  Ethernet Interface:-Integrated Ethernet 10/100/1000  NIC , Native Ethernet Port , If adapter is provided the Speed must match that of PCIe compliant ethernet port.  Ports:-4 USB Ports ( 3x USB 3.1 Gen1 Type A , at least 1 USB Type C with Display & Charging Support  1 RJ 45  1 HDMI 1.4b  1 Headphone/Microphone Combo Jack  Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards  Weight:-not more than 1.4 Kgs with battery  Security:-Hardware TPM 2.0, Security Lock Slot  Speaker / Microphones:-Integrated 2 stereo speakers; HD audio  Integrated Dual microphone  Battery:-Internal battery , Minimum 3 Cell 43 WHr , Long Life and Quick Charge with Minimum of 10 Hrs of  (MM14 Benchmark) Backup.  Operating System:-Windows 10 Pro with M.S. Office Professional  OS Certification:-Must be certified for Windows 10 Pro 64 bit  AC Adapter:-Standard Indian Adaptor  Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed  (Minimum 15 Test Completed)  Standard Warranty:- 3 Year Comprehensive Warranty including battery  Paid Warranty for Extended 2 Years Comprehensive	03	04	05	06
10.3	Warranty including battery  Multifunction LaserJet Printer  Make- HP/Canon/Epson/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1  • 600 MHz processor with 256MB RAM  • Duty Cycle up to 15,000 page per month  • RMPV: Up to 500 to 2,000 pages2  • 600 x 600 dpi print resolution  • Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out); WiFi 802.11b/g/n)^ • 88X Black Toner- 1,500 pages Warranty:-1 year onsite warranty Paid Warranty for Extended 4 Years	04			
10.4	Ipad  9.7 Inch Ratina Display  A10 Fusion Chip with 64-bit, desktop – class architecture,  Touch ID fingerprint sensor, 8MP camera with 1080p video and 1.2mp Face Time HD camera,  802.11ac Wi-Fi with MIMO, up to 10 hours or battery life, Two speaker audio, Lightning connector for charging and accessories or latest configuration  Warranty: Standard warranty	01			
10.5	UPS 600VA with 20 Min. backup Make- Luminous/Microtek/Transtech/APC Warranty: Standard warranty	04			
11	Garden Section				
11.1	Business Computer All in One	01			
	(Touch/Non Touch)				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
VI	<ul> <li>Make- HP/Dell/Lenovo</li> <li>Core i7-9700, 16GB DDR4 RAM, 1TB SSD, Win 10 Pro, DVD RW, 23.8" FHD IPS Display, 3 years Onsite warranty, Wireless Keyboard, Wireless Mouse</li> <li>23.8" Non-Touch, FHD IPS Widescreen WLED-backlit Antiglare, Narrow Bezel</li> <li>DDR4 2666MHz RAM expandable upto 64GB, 2 SODIMM</li> <li>Intel Q370 Chipset</li> <li>Secure your sensitive information through Trusted Platform Module</li> <li>World's most secure and manageable AiO</li> <li>2MP FHD low-light Camera</li> <li>Dual facing pop-up IR camera</li> <li>Bang &amp; Olufsen Audio with up-firing speakers</li> <li>Audio Boost for balanced loudness and clarity and improved speech quality</li> <li>Reclining Stand</li> <li>Extremely versatility: Standing, reclining or mounted</li> <li>Hardened Fingerprint reader for multifactor authentication</li> <li>Wifi6 (802.11ax) – 3x faster than 802.11a</li> <li>Standard Warranty:-3 Years onsite</li> </ul>		U4	0.3	VU
	Paid Warranty for Extended 2 Years				
11.2	Laptop  Make- HP/Dell/Lenovo  Processor:-Latest 11 th generation Intel Core i7- 1165 processor  Chipset:-System on Chip  Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0  Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots , both slots customer replaceable .  Hard Disk Drive:-512 GB SSD  Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics  Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness , must have Integrated Privacy Screen Guard.  Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone  Keyboard:-Spill Resistant & backlit keyboard with multi gesture support.  Finger Print Reader:-Integrated Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC , Native Ethernet Port , If adapter is provided the Speed must match that of PCle compliant ethernet port.  Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A , at least 1 USB Type C with Display & Charging Support  RJ 45SÉ1 HDMI 1.4b Headphone/Microphone Combo Jack Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards Weight:-not more than 1.4 Kgs with battery Security:-Hardware TPM 2.0, Security Lock Slot Speaker / Microphones:-Integrated 2 stereo speakers; HD audio Integrated Dual microphone Battery:-Internal battery , Minimum 3 Cell 43 WHr , Long Life and Quick Charge with Minimum of 10 Hrs of (MM14 Benchmark) Backup. Operating System:-Windows 10 Pro with M.S. Office Professional OS Certification:-Must be certified for Windows 10	01			

Sr. Name of Item No. (with Make & Specification)  Qty Rate in Rs. Per Reqd.  Unit	Copy of Valid Authorizati on Certificate attached or	Remark
	on Certificate	
	Certificate	
	attached or	
	not	
<b>01 02</b> 03 04	05	06
Pro 64 bit		00
AC Adapter:-Standard Indian Adaptor		
Mandatory Industry Standard Certifications:-UL,     FCC, BIS Compliance, MIL-STD 810G Passed		
( Minimum 15 Test Completed)		
Standard Warranty:- 3 Year Comprehensive     Warranty including battery		
Paid Warranty for Extended 4 Years		
12 EXAMINAITON (Computer Centre)		
12.1 Desktop Computer with i7 Processor 05		
Make:- HP/Dell/Lenovo		
<ul> <li>Form Factor: - Small Form Factor</li> <li>Chassis:-Tool-less Chassis (Tool-less Hard Drive,</li> </ul>		
Memory & Optical drive Removal)		
Chipset:-Commercial Class Intel® Q470 Chipset     Processor:-Intel 10 th Generation Core i7 10700		
Processor with 3.1 GHz base frequency		
12 MB cache, 6 cores, 12 threads		
Should Supports Intel® vPro Technology  • Memory:-8 GB DDR4-2666 Memory expandability up		
to 64 GB with 2 DIMM Slots		
Storage:-1TB 7200RPM HDD /SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or		
equivalent		
Should capable to Support RAID		
Graphics:-Intel® UHD Graphics 630     Audio:-Integrated audio controller with internal		
speaker of atleast 2W		
Operating System:-Microsoft Windows 10     Professional with OEM Passayers DVD or entire of		
Professional with OEM Recovery DVD or option of Cloud Recovery		
Networking:-Integrated Intel Gigabit 10/100/1000  File Company Co		
Ethernet Controller  • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth®		
M.2 Combo		
• Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA		
• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2		
• Slots:-1 PCI Express v3.0 x1		
1 PCI Express v3.0 x16 2 M.2		
• Integrated 5-in-1 SD card reader, 3 SATA Ports		
Bays:-2 Internal , 1 Externa bay		
<ul> <li>Keyboard:-USB Wired Keyboard,</li> <li>Mouse:-USB Optical Wired Mouse</li> </ul>		
Power Supply:-180 W with 92% efficiency or better		
• Volume:-No More than 8 L		
Security:-Hardware based endpoint security controller     TPM 2.0		
Integrated Intrusion Sensor		
Support for chassis cable lock devices & Support for chassis padlocks devices		
Drive lock option for HDD to secure Data		
Integrated protection from malware that lurks on malicious websites		
Integrated real-time detection and prevention of zero-		
day threats and advanced persistent threat (APT)		
attacks for Windows applications  • Manageability:-Out of band Management independent		
of the operating system state and power state of PC		
Integrated utility to enables hardware level testing outside the operating system &		
Drivers should be available on OEM Website for		
download • Certifications:-Microsoft Windows 10		
FCC,CE, RoHS, UL, EPEAT, Energy Star		
ISO 9001,14001,20001,27001 for OEM		
Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO		
8.0 Certified		
with heigh adjustment stand (Same OEM as desktop)		
<ul> <li>Standard Warranty:-3 Years onsite</li> <li>Paid Warranty for Extended 2 Years</li> </ul>		
		1

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
12.2	Line Matrix Printer	01	U <del>4</del>	UJ	00
12.3	Make:- Printronix /Wep Line printer 1500 LPM, USB:Yes, Network:Yes Box Model compatible with Ribbon Cartridge P/No 2561089-104, 259885-104 Standard Warranty: One Year Paid Warranty for Extended 4 Years	01			
	Multifunction Laserjet Printer for A3 Size Make- HP/Canon/Epson/Ricoh Print speed, black: -21 – 30; Color output: Black and white Product type: - Laser printers Functions: Print scan and copy Output capacity: - Up to 250 Sheets Media type and capacity, ADF: - 100 sheets Display: -4-Line LCD Scan speed (normal, letter): - Up to 30 ppm Scan speed (normal, A4): - Up to 30 ipm Print speed black (normal, letter): - Up to 12 ppm Print speed black (normal, A3): - Up to 12 ppm Print speed black (normal, A4): - Up to 23 ppm Print speed duplex (A4): - Up to 12 ipm Print speed duplex (letter): - Up to 12 ipm Print speed duplex (letter): - Up to 12 ipm Print speed duplex (letter): - Up to 12 ipm Print speed outplex (letter): - Up to 50,000 pages per month Print languages: - PCL5E, PCL6 Paper trays, maximum: - 3 Recommended monthly page volume: - 5000 Duplex printing: - Plain, Mid-weight, Light, LaserJet, Colored, Preprinted, Recycled, Automatic paper sensor: - No Print colours: - Monochrome Scan size (ADF), maximum: - 297 x 432 mm Scan file format: - TIFF, JPEG, PDF, BMP Color scanning: Yes Scan size, minimum: - 140 x 130 mm Auto document feeder capacity: - Standard, 100 sheets Weight: - 30 kg (includes supplies) Package weight: - 37.4 kg Control panel: - 4-Line LCD, 4 Quick-launch buttons Scan Resolution, Hardware: - Up to 600 x 600 dpi Enhanced scanning resolution: - Up to 4800 x 4800 dpi Scan Resolution, Optical: - Up to 600 x 600 dpi Memory: - 128 MB Memory, maximum: - 128 MB Memory, maximum: - Memory (Onboard) Standard/Maximum: - 128 MB Memory, maximum: - 120 dpi Memory: - 120 x 1200 dpi Maximum print area: - 297 x 914 mm Scanner advanced features: - Scan to PC Copier smart software features: - ID Copy, Book Copy, N-UP, Reduce/Enlarge Standard Warranty: One Year				
	- Late Wallany for Extended 4 Teals				
13	Academic Section				
13.1	Laptop-I7 Make-HP/Dell/Lenovo • Processor:-Latest 11 th generation Intel Core i7- 1165 processor • Chipset:-System on Chip	01			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
				not	
01	02	03	04	05	06
	• Wireless:-Integrated wireless AX201 ax WiFi 6 +				
	Bluetooth 5.0  • Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.  • Hard Disk Drive:-512 GB SSD  • Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics  • Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.  • Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone  • Keyboard:-Spill Resistant & backlit keyboard with multi gesture support.  • Finger Print Reader:-Integrated  • Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC, Native Ethernet Port, If adapter is provided the Speed must match that of PCIe compliant ethernet port.  • Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A, at least 1 USB Type C with Display & Charging Support 1 RJ 45  1 HDMI 1.4b  1 Headphone/Microphone Combo Jack  • Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards  • Weight:-not more than 1.4 Kgs with battery  • Security:-Hardware TPM 2.0, Security Lock Slot  • Speaker / Microphones:-Integrated 2 stereo speakers; HD audio  Integrated Dual microphone  • Battery:-Internal battery, Minimum 3 Cell 43 WHr, Long Life and Quick Charge with Minimum of 10 Hrs of  (MM14 Benchmark) Backup.  • Operating System:-Windows 10 Pro with M.S. Office Professional  • OS Certification:-Must be certified for Windows 10 Pro 64 bit  • AC Adapter:-Standard Indian Adaptor  • Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed (Minimum 15 Test Completed)  • Standard Warranty:- 3 Year Comprehensive  Warranty including battery  • Paid Warranty including battery  • Paid Warranty for Extended 4 Years Comprehensive				
	Warranty including battery				
14	General Administrative Centre	0.5			
14.1	Desktop Computer with i7 Processor Make- HP/Dell/Lenovo Form Factor:- Small Form Factor Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) Chipset:-Commercial Class Intel® Q470 Chipset Processor:-Intel 10 th Generation Core i7 10700 Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots Storage:-1TB 7200RPM HDD /SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Graphics:-Intel® UHD Graphics 630 Audio:-Integrated audio controller with internal speaker of atleast 2W Operating System:-Microsoft Windows 10	03			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
	0.5	0.5	0.1	not	
01	Professional with OEM Recovery DVD or option of Cloud Recovery Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 ,1 VGA USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal , 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM Display:-21.5" with Minimum resolution of 1920X1080, with VGA , HDMI, Display Ports, TCO 8.0 Certified	03	04	not	06
	with heigh adjustment stand (Same OEM as desktop) • Standard Warranty:-3 Years onsite				
	Paid Warranty for Extended 2 Years				
14.2	Laptop Make- HP/Dell/Lenovo  Processor:-Latest 11 th generation Intel Core i7- 1165 processor  Chipset:-System on Chip  Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0  Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.  Hard Disk Drive:-512 GB SSD  Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics  Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.  Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone  Keyboard:-Spill Resistant & backlit keyboard with multi gesture support.  Finger Print Reader:-Integrated Ethernet Interface:-Integrated Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC, Native Ethernet Port, If adapter is provided the Speed must match that of PCIe compliant ethernet port.  Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A	01			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
<b>N1</b>	Ω2	03	04	not 05	06
01	, at least 1 USB Type C with Display & Charging Support 1 RJ 45 1 HDMI 1.4b 1 Headphone/Microphone Combo Jack • Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards • Weight:-not more than 1.4 Kgs with battery • Security:-Hardware TPM 2.0, Security Lock Slot • Speaker / Microphones:-Integrated 2 stereo speakers; HD audio Integrated Dual microphone • Battery:-Internal battery , Minimum 3 Cell 43 WHr , Long Life and Quick Charge with Minimum of 10 Hrs of ( MM14 Benchmark) Backup. • Operating System:-Windows 10 Pro with M.S. Office Professional • OS Certification:-Must be certified for Windows 10 Pro 64 bit • AC Adapter:-Standard Indian Adaptor	03	04	05	06
	<ul> <li>Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed</li> <li>Standard Warranty:- 3 Year Comprehensive Warranty including battery</li> </ul>				
	Paid Warranty for Extended 2 Years Comprehensive Warranty including battery				
14.3	UPS	03			
	600 VA with 30 Min backup Make- Luminous/Microtek/Transtech/APC Standard Warranty				
15	Knowledge Resource Centre				
15.1	Desktop Computer with i7 Processor	10			
	Make- HP/Dell/Lenovo Form Factor:- Small Form Factor Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) Chipset:-Commercial Class Intel® Q470 Chipset Processor:-Intel 10 th Generation Core i7 10700 Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots Storage:-1TB 7200RPM HDD /SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Graphics:-Intel® UHD Graphics 630 Audio:-Integrated audio controller with internal speaker of atleast 2W Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x16 2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal , 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L Security:-Hardware based endpoint security controller				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
	TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications  • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download  • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM  • Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)	03	04	0.3	00
	<ul> <li>Standard Warranty:-3 Years onsite</li> </ul>				
15.2	Paid Warranty for Extended 2 Years      WVM Switch	01			
15.2	KVM Switch for 4 Server x 1Monitor,	01			
	Keyboard and mouse inter Connectivity				
16.1	Physics Desktop Computer with i7 Processor	10			
	<ul> <li>Make- HP/Dell/Lenovo</li> <li>Form Factor: - Small Form Factor</li> <li>Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory &amp; Optical drive Removal)</li> <li>Chipset:-Commercial Class Intel® Q470 Chipset</li> <li>Processor:-Intel 10th Generation Core i7 10700 Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology</li> <li>Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots</li> <li>Storage:-1TB 7200RPM HDD /SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID</li> <li>Graphics:-Intel® UHD Graphics 630</li> <li>Audio:-Integrated audio controller with internal speaker of atleast 2W</li> <li>Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery</li> <li>Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller</li> <li>Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo</li> <li>Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA</li> <li>USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2</li> <li>Slots:-1 PCI Express v3.0 x1</li> <li>1 PCI Express v3.0 x16</li> <li>2 M.2</li> <li>Integrated 5-in-1 SD card reader, 3 SATA Ports</li> <li>Bays:-2 Internal , 1 Externa bay</li> <li>Keyboard:-USB Wired Keyboard,</li> <li>Mouse:-USB Optical Wired Mouse</li> <li>Power Supply:-180 W with 92% efficiency or better</li> <li>Volume:-No More than 8 L</li> <li>Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor</li> <li>Support for chassis cable lock devices &amp; Support for chassis padlocks devices</li> </ul>				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
	Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications  • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download  • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM  • Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop) • Standard Warranty:-3 Years onsite	03	04	05	06
17	Paid Warranty for Extended 4 Years     Chemical Technology				
17.1	Desktop Computer with i7 Processor  Make- HP/Dell/Lenovo Form Factor:- Small Form Factor Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) Chipset:-Commercial Class Intel® Q470 Chipset Processor:-Intel 10th Generation Core i7 10700 Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots Storage:-1TB 7200RPM HDD /SMART IV ((Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Graphics:-Intel® UHD Graphics 630 Audio:-Integrated audio controller with internal speaker of atleast 2W Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4,1 VGA USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal, 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications	25			

Sr.	Name of Item	Otv	Rate in Rs. Per	Copy of	Remark
No.	(with Make & Specification)	Qty Reqd.	Unit	Copy of Valid Authorizati on Certificate	Kemark
				attached or	
				not	
01	02	03	04	05	06
	<ul> <li>Manageability:-Out of band Management independent of the operating system state and power state of PC         Integrated utility to enables hardware level testing outside the operating system &amp; Drivers should be available on OEM Website for download     </li> <li>Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM</li> <li>Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)</li> <li>Standard Warranty:-3 Years onsite</li> <li>Paid Warranty for Extended 4 Years</li> </ul>				
17.2	Desktop Computer with i5 Processor Make- HP/Dell/Lenovo  Form Factor:- Small Form Factor  Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal)  Chipset:-Commercial Class Intel® Q470 Chipset  Processor:- Intel 10 th Generation Core i5 10500 Processor/ 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology  Memory:-4 GB / 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots  Storage:-1TB 7200RPM HDD / SMART IV ((Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID  Graphics:-Intel® UHD Graphics 630  Audio:-Integrated audio controller with internal speaker of atleast 2W  Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery  Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller  Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo  Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA  USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2  Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x1 1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2  Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal , 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse  Power Supply:-180 W with 92% efficiency or better  Volume:-No More than 8 L Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications  Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated under the poerating system state and power state of PC Integrated under the poerating system state and power state of PC Integrated under the poerating system state and power state	03			
	download		<u> </u>		

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or not	Remark
01	02	03	04	05	06
01	Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop) Standard Warranty:-3 Years onsite Paid Warranty for Extended 2 Years	03	04	0.5	
17.3	Multifunction Laserjet Printer Make:- Canon/HP/Epson/Ricoh Function Type:- All-in-One Printer Scan Resolution:- Optical:- Up to 600x600 dpi Driver Enhanced:- Up to 9600x9600 dpi Paper Output:- 100 sheets (face down) (Based on 68 g/m²) Memory:- 512 MB Size:- Standard Cassette:- A4, B5, A5, Legal, Letter, Statement Multi-Purpose Tray:- A4, B5, A5, Legal, Letter, Statement Copy Speed:- 27 ppm (A4) First Print out Time:- 6.0 sec (FPOT) A4 Reduce / Enlargement:- 25 – 400% in 1% increments Includes:- Software:- Printer driver, Scanner driver, MF Scan Utility, Toner Status Paper Handling Details:- Auto Document Feeder (ADF):- 35 sheets (80 g/m²) Available Paper Size for ADF:- A4, B5, A5, B6, Letter, Legal (Min. 105 x 148mm to Max. 216 x 356mm) Operating System:- Windows 10 (32 / 64-bit), Windows 8.1 (32 / 64-bit), Windows 8 (32 / 64-bit), Windows 7 (32 / 64-bit), Windows Vista (32 / 64-bit), Paper Input:- Standard Cassette:- 250 sheets Multi-Purpose Tray:- 1 sheet Copy Resolution:- 600x600 dpi Print Language:- UFR II LT, PCL 6 Print Speed:- 27 ppm (A4) Print Resolution:- 600x600 dpi Functions:- Print, Scan, Copy & Fax ADF (A4):- 20 / 15ipm (mono / colour) Colour Depth:- 24-bit Duty Cycle:- 15000 pages Wireless:- Wi-Fi 802.11b/g/n Display:- 5 Line BW LCD Warranty:- 1 Year Warranty Paid Warranty for Extended 4 Years	03			
17.4	Color LaserJet Printer Make:- HP/Canon/Epson/Ricoh Print and Wireless • Black (normal, A4): Up to 21 ppm; Colour (normal, A4): Up to 21 ppm • First page out (A4, ready): As fast as 10.5/12.2 seconds; (A4, sleep): As fast as 12.1/12.4 seconds(Black/Color) • Duty cycle: Up to 40,000 pages • RMPV 150 to 2,500 pages • Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; 802.11n 2.4/5GHz wireless; Walkup host USB port • ePrint; Apple AirPrintTM; Mobile Apps; Wi-Fi® Direct printing; Google Cloud PrintTM, MopriaTM-certified • Auto-On/Auto-Off technology 1 year onsite warranty Paid Warranty for Extended 4 Years	01			

Sr.					
No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate	Remark
				attached or	
				not	
01	02	03	04	05	06
01 18 18.1	Home Science  Desktop Computer with i7 Processor Make- HP/Dell/Lenovo • Form Factor:—Small Form Factor • Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) • Chipset:-Commercial Class Intel® Q470 Chipset • Processor:-Intel 10 th Generation Core i7 10700 Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology • Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots • Storage:-ITB 7200RPM HDD /SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID • Graphics:-Intel® UHD Graphics 630 • Audio:-Integrated audio controller with internal speaker of atleast 2W • Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery • Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo • Ports:-Video:- 1 Display Port 1.4, 1 HDMI 1.4, 1 VGA • USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 • Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 • Integrated 5-in-1 SD card reader, 3 SATA Ports • Bays:-2 Internal , 1 Externa bay • Keyboard:-USB Wired Keyboard, • Mouse:-USB Optical Wired Mouse • Power Supply:-180 W with 92% efficiency or better • Volume:-No More than 8 L • Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing	03 05	04		06
	outside the operating system & Drivers should be available on OEM Website for download • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star				
	<ul> <li>ISO 9001,14001,20001,27001 for OEM</li> <li>Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)</li> <li>Standard Warranty:-3 Years onsite</li> <li>Paid Warranty for Extended 4 Years</li> </ul>				
18.2	LAN Switch  Manageable 24 Port Switch (HP/Cisco/Dlink or better make)	01			
18.3	UPS Online	01			
	Make- Luminous/Microtek/Transtek				
	UPS 3KVA online half hour backup with 26AH,12V,	<u> </u>	<u> </u>		

Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid	Remark
			Authorizati on Certificate	
			attached or	
0.0	0.2	0.4	not	0.5
	03	04	05	06
External USB Hard Disk	02			
Sony/Toshiba/Samsung/Transend				
WORK STATION TOWER Z2  Make- HP/Dell/Lenovo 6HH35PA: Intel XeonE-2124G 4C,RAM 16GB (1x16GB) DDR4 2666 UDIMM NECC, HDD 2TB 7200RPM SATA 3.5in,GFX Nvd Qdr 4GB P1000 ,DVDRW, Win 10 Pro 64 WKST,3/3/3 SING Warranty , 22" HD Monitor	01			
Key Features  •4C & 6C Intel® Core™ i7 to Intel® Xeon®  •Windows 10 Pro 64/MSNA,Linux supported •Up to  128 GB* nECC/ECC memory • Sure Start Gen 43 •  ISV Certification • Remote Graphics Software 4 •  Performance Advisor • Premium front I/O option (SD card and USB 3.1 Type-C™) • 8x USB 3.0, with one charging port • Muscular new smaller ID gen over gen •  Entry cost design • Front and rear shelf for gripping •  Easy access Dust filter option  Standard Warranty				
Ministialism				
<u> </u>	02			
<ul> <li>Form Factor:- Small Form Factor</li> <li>Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory &amp; Optical drive Removal)</li> <li>Chipset:-Commercial Class Intel® Q470 Chipset</li> <li>Processor:- Intel 10th Generation Core i5 10500 Processor / 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology</li> <li>Memory:-4 GB / 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots</li> <li>Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID</li> <li>Graphics:-Intel® UHD Graphics 630</li> <li>Audio:-Integrated audio controller with internal speaker of atleast 2W</li> <li>Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery</li> <li>Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller</li> <li>Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo</li> <li>Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA</li> <li>USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2</li> <li>Slots:-1 PCI Express v3.0 x1</li> <li>1 PCI Express v3.0 x16</li> <li>2 M.2</li> <li>Integrated 5-in-1 SD card reader, 3 SATA Ports</li> <li>Bays:-2 Internal , 1 Externa bay</li> <li>Keyboard:-USB Wired Keyboard,</li> <li>Mouse:-USB Optical Wired Mouse</li> <li>Power Supply:-180 W with 92% efficiency or better</li> <li>Volume:-No More than 8 L</li> <li>Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor</li> <li>Support for chassis cable lock devices &amp; Support for chassis padlocks devices</li> <li>Drive lock option for HDD to secure Data Integrated protection from malware that lurks on</li> </ul>				
	Sony/Toshiba/Samsung/Transend 1TB Hard Disk Drive  WORK STATION TOWER Z2  Make-HP/Dell/Lenovo 6HH35PA: Intel XeonE-2124G 4C,RAM 16GB (1x16GB) DDR4 2666 UDIMM NECC, HDD 2TB 7200RPM SATA 3.5in,GFX Nvd Qdr 4GB P1000 ,DVDRW, Win 10 Pro 64 WKST,3/3/3 SING Warranty ,22" HD Monitor  Key Features  *4C & 6C Intel® Core™ i7 to Intel® Xeon®  *Windows 10 Pro 64/MSNA,Linux supported *Up to 128 GB* nECC/ECC memory * Sure Start Gen 43 * ISV Certification * Remote Graphics Software 4 * Performance Advisor * Premium front I/O option (SD card and USB 3.1 Type-C™) * 8x USB 3.0, with one charging port * Muscular new smaller ID gen over gen * Entry cost design * Front and rear shelf for gripping * Easy access Dust filter option Standard Warranty  Microbiology  Desktop Computer with i5 Processor Make-HP/Dell/Lenovo  • Form Factor: Small Form Factor • Chassis: Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) • Chipset: Commercial Class Intel® Q470 Chipset • Processor: Intel 10 th Generation Core i5 10500 Processor / 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology • Memory: 4 GB / 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots • Storage: 1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID • Graphics:-Intel® UHD Graphics 630 • Audio:-Integrated audio controller with internal speaker of atleast 2W • Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery • Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo • Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 ,1 VGA • USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 • Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x1 1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 • Integrated 5-in-1 SD card reader, 3 SATA Ports • Bays:-2 Internal , 1 Externa bay • Keybboard;-USB Wired Keyboard, • Mouse:-USB Optical Wired Mouse • Power Supp	8SMF batteries Standard Warranty External USB Hard Disk Sony/Toshiba/Samsung/Transend 1TB Hard Disk Drive WORK STATION TOWER Z2 Make- HP/Dell/Lenovo 6HH55PA: Intel XeonE-2124G 4C,RAM 16GB (1x16GB) DDR4 2666 UDIMM NECC, HDD 2TB 7200RPM SATA 3.5in,GFX Nvd Qdr 4GB P1000 DVDRW, Win 10 Pro 64 WKST,3/3/3 SING Warranty , 22" HD Monitor  Key Features -4C & 6C Intel® Core™ i7 to Intel® Xeon® -Windows 10 Pro 64/MSNA,Linux supported •Up to 128 GB™ AECC/ECC memory • Sure Start Gen 43 • 1SV Certification • Remote Graphics Software 4 • Performance Advisor • Premium front I/O option (SD card and USB 3.1 Type-C™) • 8x USB 3.0, with one charging port • Muscular new smaller ID gen over gen • Entry cost design • Front and rear shelf for gripping • Easy access Dust filter option Standard Warranty  Microbiology  Desktop Computer with i5 Processor Make- HP/Dell/Lenovo • Form Factor: • Small Form Factor • Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) • Chipset:-Commercial Class Intel® Q470 Chipset • Processor: Intel 10 th Generation Core i5 10500 Processor / 12 MB cache, 6 cores, 12 threads Should Supports Intel® 0*Pro Technology • Memory:-4 GB / 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots • Storage:-118 7200RPM HDD / SMART IV ( (Self- Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID • Graphics:-Intel® UHD Graphics 630 • Audio:-Integrated audio controller with internal speaker of atleast 2W • Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery • Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluctooth® M.2 Combo • Ports:-Video: -1 Display Port 1.4, 1 HDMI 1.4, 1 VGA • USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 • Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x1 1 PCI Express v3.0 x1 2 Net USB Optical Wired Mouse • Power Supply:-180 W with 92% efficiency or better • Volume:-No More than 8 L • Security-Hardware based	RSMF batteries  Standard Warranty  External USB Hard Disk Sony/Toshiba/Samsung/Transend ITB Hard Disk Drive  WORK STATION TOWER Z2  Make- H/PDel/Lenovo  GHI35PA: Intel XeonE-2124G 4C, RAM 16GB (1x16GB) DDR4 2666 UDIMM NECC, HDD 2TB 7200RPM SATA 3.5in,GFX Nvd Qrd -4GB 19000 DVDRW, Win 10 Pro 64 WKST,3/3/3 SING Warranty ,22" HD Monitor  Key Features  *4C & 6C Intel® Core*** 17 to Intel® Xeon®  *Windows 10 Pro 64 MKST,3/3/3 SING Warranty ,22" HD Monitor  Key Features  *4C & 6C Intel® Core*** 17 to Intel® Xeon®  *Windows 10 Pro 64 MKST,3/3/3 SING Warranty ,22" HD Monitor  Key Features  *4C & 6C Intel® Core*** 17 to Intel® Xeon®  *Windows 10 Pro 64 MKST,3/3/3 SING Warranty ,22" HD Monitor  Key Features  *4C & 6C Intel® Core*** 17 to Intel® Xeon®  *Windows 10 Pro 64 MKST,3/3/3 SING Warranty  Experiment 4 Performance Advisor + Premium front 1/O option (SD card and USB 3.1 Type-C***) 8.8 USB 3.0, with one charging port *Muscular new smaller ID gen over gen Entry cost design *Front and rear shelf for gripping* Easy access Dust filter option  Standard Warranty  Microbiology  Microbiology	Both   Computer   Co

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
Λ1	02	03	04	not 05	06
01	day threats and advanced persistent threat (APT) attacks for Windows applications  • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download  • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM  • Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)  • Standard Warranty:-3 Years onsite  • Paid Warranty for Extended 2 Years	03	04	05	06
19.2	Multifunction LaserJet Printer  Make:- HP/Canon/Epson/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1  • 600 MHz processor with 256MB RAM  • Duty Cycle up to 15,000 page per month  • RMPV: Up to 500 to 2,000 pages2  • 600 x 600 dpi print resolution  • Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out); WiFi 802.11b/g/n)^  • 88X Black Toner- 1,500 pages 1 year onsite warranty Paid Warranty for Extended 4 Years	01			
19.3	Laptop-I7 Make- HP/Dell/Lenovo Processor:-Latest 11 th generation Intel Core i7- 1165 processor Chipset:-System on Chip Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0 Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable. Hard Disk Drive:-512 GB SSD Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard. Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone Keyboard:-Spill Resistant & backlit keyboard with multi gesture support. Finger Print Reader:-Integrated Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC, Native Ethernet Port, If adapter is provided the Speed must match that of PCIe compliant ethernet port. Ports:-4 USB Ports ( 3x USB 3.1 Gen1 Type A , at least 1 USB Type C with Display & Charging Support RJ 45 HDMI 1.4b Headphone/Microphone Combo Jack Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards Weight:-not more than 1.4 Kgs with battery Security:-Hardware TPM 2.0, Security Lock Slot	01			

C.	Name of Item	Otre	Rate in Rs. Per	Convect	Domonle
Sr. No.	(with Make & Specification)	Qty Reqd.	Unit	Copy of Valid Authorizati on	Remark
				Certificate attached or	
01	02	03	04	not 05	06
01	• Speaker / Microphones:-Integrated 2 stereo speakers;	03	04	0.5	00
	HD audio				
	Integrated Dual microphone				
	Battery:-Internal battery , Minimum 3 Cell 43 WHr , Long Life and Quick Charge with Minimum of 10				
	Hrs of				
	( MM14 Benchmark) Backup.  • Operating System:-Windows 10 Pro with M.S.				
	Office Professional				
	OS Certification:-Must be certified for Windows 10				
	Pro 64 bit • Standard Warranty:- 3 Year Comprehensive				
	Warranty including battery				
	Extended Warranty:- 2 Year Comprehensive     Warranty including battery				
	AC Adapter:-Standard Indian Adaptor				
	Mandatory Industry Standard Certifications:-UL,      Control of the Control				
	FCC, BIS Compliance, MIL-STD 810G Passed (Minimum 15 Test Completed)				
	Standard Warranty:-3 Years onsite				
	Paid Warranty for Extended 2 Years				
20	Zoology				
20.1	Desktop Computer with i5 Processor	02			
	Make- HP/Dell/Lenovo				
	Form Factor: - Small Form Factor     Chassis:-Tool-less Chassis (Tool-less Hard Drive,				
	Memory & Optical drive Removal)				
	Chipset:-Commercial Class Intel® Q470 Chipset     Processor:- Intel 10 th Generation Core i5 10500				
	Processor / Generation Core is 10500				
	12 MB cache, 6 cores, 12 threads				
	Should Supports Intel® vPro Technology  • Memory:-4 GB / 8 GB DDR4-2666 Memory				
	expandability up to 64 GB with 2 DIMM Slots				
	Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or				
	equivalent				
	Should capable to Support RAID  Graphics:-Intel® UHD Graphics 630				
	Audio:-Integrated audio controller with internal				
	speaker of atleast 2W				
	Operating System:-Microsoft Windows 10     Professional with OEM Recovery DVD or option of				
	Cloud Recovery				
	Networking:-Integrated Intel Gigabit 10/100/1000     Ethernet Controller				
	• Intel® Wi-Fi 6 AX201 802.11ax 2x2 with				
	Bluetooth® M.2 Combo • Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4, 1				
	VGA				
	• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2				
	• Slots:-1 PCI Express v3.0 x1				
	1 PCI Express v3.0 x16 2 M.2				
	• Integrated 5-in-1 SD card reader, 3 SATA Ports				
	Bays:-2 Internal , 1 Externa bay     Kayboard, USB Wired Keyboard				
	Keyboard:-USB Wired Keyboard,     Mouse:-USB Optical Wired Mouse				
	Power Supply:-180 W with 92% efficiency or better				
	Volume:-No More than 8 L     Security:-Hardware based endpoint security				
	controller TPM 2.0				
	Integrated Intrusion Sensor Support for chassis cable lock devices & Support for				
	Support for chassis cable lock devices & Support for chassis padlocks devices				
	Drive lock option for HDD to secure Data				
	Integrated protection from malware that lurks on malicious websites				
	Integrated real-time detection and prevention of				
	zero-day threats and advanced persistent threat				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati	Remark
				on Certificate attached or	
				not	
01	02	03	04	05	06
	(APT) attacks for Windows applications				
	Manageability:-Out of band Management independent of the operating system state and power				
	state of PC				
	Integrated utility to enables hardware level testing				
	outside the operating system & Drivers should be available on OEM Website for				
	download				
	Certifications:-Microsoft Windows 10     FCC,CE, RoHS, UL, EPEAT, Energy Star				
	ISO 9001,14001,20001,27001 for OEM				
	Display:-21.5" with Minimum resolution of  1020V1080 crish VCA HDML Display Parts				
	1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified				
	with height adjustment stand (Same OEM as				
	desktop) • Standard Warranty:-3 Years onsite				
	Paid Warranty for Extended 4 Years				
20.2	Scanner  Flotbad with transport metals about Single	02			
	Flatbed with transparent material adopter, Size-455x304x70mm (17.91x11.97x2.76 inches) scanning				
	element charged copied device, interface-USB High				
	Speed, Hardware resolution:4800x9600 (Advanced)  • Standard Warranty:- One Year				
	Paid Warranty for Extended 4 Years				
21 21.1	P.G.T.D. of Physical Education	02			
21.1	Business Computer All in One (Touch/Non Touch)	02			
	Make- HP/Dell/Lenovo				
	• Core i7-9700, 16GB DDR4 RAM, 1TB SSD, Win 10 Pro, DVD RW, 23.8" FHD IPS Display, 3 years				
	Onsite warranty, Wireless Keyboard, Wireless				
	Mouse • 23.8" Non-Touch, FHD IPS Widescreen WLED-				
	backlit Antiglare, Narrow Bezel				
	DDR4 2666MHz RAM expandable upto 64GB, 2 SODIMM				
	• Intel Q370 Chipset				
	Secure your sensitive information through Trusted				
	Platform Module     World's most secure and manageable AiO				
	2MP FHD low-light Camera				
	Dual facing pop-up IR camera     Bang & Olufsen Audio with up-firing speakers				
	Audio Boost for balanced loudness and clarity and				
	improved speech quality				
	Reclining Stand     Extremely versatility: Standing, reclining or				
	mounted				
	Hardened Fingerprint reader for multifactor authentication				
	• Wifi6 (802.11ax) – 3x faster than 802.11a				
	Standard Warranty:-3 Years onsite     Paid Warranty for Extended 2 Years				
21.2	Multifunction LaserJet Printer	01			
	Make:- Canon/HP/Epson/Ricoh				
	Function Type :- All-in-One Printer     Scan Resolution :- Optical :- Up to 600x600 dpi				
	Driver Enhanced :- Up to 9600x9600 dpi				
	• Paper Output :- 100 sheets (face down) (Based on 68				
	g/m²) • Memory :- 512 MB				
	• Size :- Standard Cassette :- A4, B5, A5, Legal,				
	Letter, Statement  • Multi-Purpose Tray :- A4, B5, A5, Legal, Letter,				
	Statement				
	• Copy Speed: - 27 ppm (A4)				
	• First Print out Time :- 6.0 sec (FPOT) A4 • Reduce / Enlargement :- 25 – 400% in 1%				
	increments				
	• Includes :- Software :- Printer driver, Scanner driver,				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
	MF Scan Utility, Toner Status  Paper Handling Details: - Auto Document Feeder (ADF): - 35 sheets (80 g/m²)  Available Paper Size for ADF: - A4, B5, A5, B6, Letter, Legal (Min. 105 x 148mm to Max. 216 x 356mm)  Operating System: - Windows 10 (32 / 64-bit),  Windows 8.1 (32 / 64-bit), Windows 8 (32 / 64-bit),  Windows 7 (32 / 64-bit), Windows Vista (32 / 64-bit),  Paper Input: - Standard Cassette: - 250 sheets  Multi-Purpose Tray: - 1 sheet  Copy Resolution: - 600x600 dpi  Print Language: - UFR II LT, PCL 6  Print Speed: - 27 ppm (A4)  Print Resolution: - 600x600 dpi  Functions: - Print, Scan, Copy & Fax  ADF (A4): - 20 / 15ipm (mono / colour)  Colour Depth: - 24-bit  Duty Cycle: - 15000 pages  Wireless: - Wi-Fi 802.11b/g/n  Display: - 5 Line BW LCD  Warranty: - 1 Year Warranty				
21.3	• Paid Warranty for Extended 4 Years  LaserJet Pro Printer  Make- HP/Epson/Canon/Ricoh  Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 26 ppm  • Black (A4, ready): As fast as 8 sec • Duty Cycle: Up to 30,000 pages • RMPV: 250 to 2000 • 1 Hi-Speed USB 2.0; 1 Ethernet 10/100; Wi Fi 802.11b/g/n • ePrint; Wireless Direct Printing 1 year onsite warranty • Paid Warranty for Extended 4 Years	02			
21.4	All-in-One PC Make- HP/Dell/Lenovo  Display:19.5" FHD with slim DVD RW Resolution: 1920 X 1080 Brightness: 250Nits FHD Webcam with integrated digital microphone Power Supply : External 120W power adaptor with 89% Efficiency Chipset:Intel® Q470 Chipset Processor: Intel 10 th Generation Core i5 10500 Processor Memory:8GB DDR4-upto 2933Mhz* Memory expandability up to 64 GB with 2 DIMM Slots Transfer rate: 2666Mhz – Core i5 Internal Storage:1TB 7200RPM HDD / SMART IV ((Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Supports upo 1TB M.2 NVME SSD Graphics: 2GB Discrete Graphics card (AMD Radeon 530 – 2GB) Audio:Integrated audio controller with internal speaker of atleast 2W Operating System:Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery Connectivity:Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Side I/O Ports:1 Audio Combo Jack, 1USB 3.2 G2 Type-C, 1USB 3.2 G2 Type-A Rear I/O Ports:1Display Port, 4USB 3.2 G1 Type-A	06			

Sr.	Name of Item	Otro	Rate in Rs. Per	Convect	Remark
		Qty		Copy of	Kemark
No.	(with Make & Specification)	Reqd.	Unit	Valid	
				Authorizati	
				on	
				Certificate	
				attached or	
				not	
01	02	03	04	05	06
	1 SD Card reader (Bottom)				
	Keyboard:USB Wired Keyboard,     Mouse:USB Optical Wired Mouse				
	• Power Supply:180 W with 92% efficiency or better				
	Security: Hardware based endpoint security				
	controller TPM 2.0				
	Secure Erase				
	Drive lock option for HDD to secure Data				
	Cable lock support Client Security Manager				
	Manageability:Out of band Management				
	independent of the operating system state and power				
	state of PC				
	Integrated utility to enables hardware level testing outside the operating system &Drivers should be				
	available on OEM Website for download				
	Certifications:Microsoft Windows 10				
	FCC,CE, RoHS, UL, EPEAT Gold India, Energy				
	Star 150 0001 14001 20001 27001 5-7 OFM				
	ISO 9001,14001,20001,27001 for OEM • Standard Warranty:3 Years onsite				
	Paid Warranty for Extended 2 Years				
21.5	1200 Mbps Wireless	02			
	Smart Dual-Band Gigabit WiFi Router				
22	History				
22 22.1	History Multifunction LaserJet Printer	01			
22.1	Make:- HP/Canon/Epson/Ricoh	01			
	Print, Scan, Copy,				
	Fax & Wireless				
	Prints up to 25/26 ppm (Normal),				
	A4/letter1 • 600 MHz processor with 256MB RAM				
	• Duty Cycle up to 15,000 page				
	per month				
	• RMPV: Up to 500 to 2,000 pages2				
	600 x 600 dpi print resolution     Hi-Speed USB 2.0 port (host/				
	device); built-in Fast Ethernet				
	10/100Base-TX network port;				
	Phone line port (in/out); WiFi				
	802.11b/g/n)^ • 88X Black Toner- 1,500 pages				
	1 year onsite warranty				
	Paid Warranty for Extended 4 Years				
22.2	Desktop Computer with i5 Processor	02			
	Make- HP/Dell/Lenovo				
	Form Factor: Small Form Factor     Chassis:-Tool-less Chassis (Tool-less Hard Drive,				
	Memory & Optical drive Removal)				
	Chipset:-Commercial Class Intel® Q470 Chipset				
	Processor:- Intel 10 th Generation Core i5 10500				
	Processor / 12 MB cache, 6 cores, 12 threads				
	Should Supports Intel® vPro Technology				
	Memory:-4 GB / 8 GB DDR4-2666 Memory				
	expandability up to 64 GB with 2 DIMM Slots				
	Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Maritanian Application of Bornardian Tarker In and Inc.)				
	Monitoring, Analysis and Reporting Technology) or equivalent				
	Should capable to Support RAID				
	Graphics:-Intel® UHD Graphics 630				
	Audio:-Integrated audio controller with internal appeal or of at least 2W.				
	speaker of atleast 2W • Operating System:-Microsoft Windows 10				
	Professional with OEM Recovery DVD or option of				
	Cloud Recovery				
	Networking:-Integrated Intel Gigabit 10/100/1000  Ed. (C. 11)				
	Ethernet Controller • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with				
	Bluetooth® M.2 Combo				
	• Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1				
	VGA	<u> </u>			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
01	• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen	03	01	0.5	00
	<ul> <li>USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2</li> <li>Slots:-1 PCI Express v3.0 x16         <ol> <li>M.2</li> <li>Integrated 5-in-1 SD card reader, 3 SATA Ports</li> <li>Bays:-2 Internal, 1 Externa bay</li> <li>Keyboard:-USB Wired Keyboard,</li> <li>Mouse:-USB Optical Wired Mouse</li> <li>Power Supply:-180 W with 92% efficiency or better</li> <li>Volume:-No More than 8 L</li> <li>Security:-Hardware based endpoint security controller TPM 2.0         <ol> <li>Integrated Intrusion Sensor</li> <li>Support for chassis cable lock devices &amp; Support for chassis padlocks devices</li> <li>Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites</li> <li>Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications</li> <li>Manageability:-Out of band Management independent of the operating system state and power state of PC</li> <li>Integrated utility to enables hardware level testing outside the operating system &amp; Drivers should be available on OEM Website for download</li> <li>Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM</li> <li>Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)</li> <li>Standard Warranty:-3 Years onsite</li> </ol></li></ol></li></ul>				
	Paid Warranty for Extended 2 Years	0.1			
22.3	LaserJet Pro Printer  Make:- HP/Canon/Epson/Ricoh  Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 26 ppm  Black (A4, ready): As fast as 8 sec  Duty Cycle: Up to 30,000 pages  RMPV: 250 to 2000  Hi-Speed USB 2.0; 1 Ethernet 10/100; Wi Fi 802.11b/g/n  Print; Wireless Direct Printing  year onsite warranty  Paid Warranty for Extended 4 Years	01			
23	Political Science				
23.1	Desktop Computer with i5 Processor Make- HP/Dell/Lenovo • Form Factor:- Small Form Factor • Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) • Chipset:-Commercial Class Intel® Q470 Chipset • Processor:- Intel 10 th Generation Core i5 10500 Processor / 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology • Memory:-4 GB / 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots • Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID • Graphics:-Intel® UHD Graphics 630 • Audio:-Integrated audio controller with internal speaker of atleast 2W • Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery	01			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
Δ1	02	02	04	not 05	06
01	• Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo • Ports:-Video:- 1 Display Port 1.4, 1 HDMI 1.4, 1 VGA • USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 • Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 • Integrated 5-in-1 SD card reader, 3 SATA Ports • Bays:-2 Internal, 1 Externa bay • Keyboard:-USB Wired Keyboard, • Mouse:-USB Optical Wired Mouse • Power Supply:-180 W with 92% efficiency or better • Volume:-No More than 8 L • Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM • Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified	03	04	05	06
	with heigh adjustment stand (Same OEM as desktop) • Standard Warranty:-3 Years onsite				
	Paid Warranty for Extended 2 Years				
23.2	External USB Hard Disk- 1 TB Make-HP/Toshiba/Transend	01			
24	Commerce deptt				
24.1	<ul> <li>Desktop Computer with i5 Processor         Make- HP/Dell/Lenovo         <ul> <li>Form Factor:- Small Form Factor</li> <li>Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory &amp; Optical drive Removal)</li> <li>Chipset:-Commercial Class Intel® Q470 Chipset</li> <li>Processor:- Intel 10th Generation Core i5 10500 Processor /</li></ul></li></ul>	10			

Sr.	Name of Item	Qty	Rate in Rs. Per	Copy of	Remark
No.	(with Make & Specification)	Reqd.	Unit	Valid	Kemark
				Authorizati	
				on Certificate	
				attached or	
				not	
01	02	03	04	05	06
	Ethernet Controller				
	Intel® Wi-Fi 6 AX201 802.11ax 2x2 with     Bluetooth® M.2 Combo				
	• Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4,1				
	VGA				
	• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2				
	• Slots:-1 PCI Express v3.0 x1				
	1 PCI Express v3.0 x16 2 M.2				
	• Integrated 5-in-1 SD card reader, 3 SATA Ports				
	Bays:-2 Internal , 1 Externa bay  Work and USB Wind Work and				
	Keyboard:-USB Wired Keyboard,     Mouse:-USB Optical Wired Mouse				
	Power Supply:-180 W with 92% efficiency or better				
	Volume:-No More than 8 L     Security:-Hardware based endpoint security				
	controller TPM 2.0				
	Integrated Intrusion Sensor Support for chassis cable lock devices & Support for				
	chassis padlocks devices				
	Drive lock option for HDD to secure Data Integrated protection from malware that lurks on				
	malicious websites				
	Integrated real-time detection and prevention of				
	zero-day threats and advanced persistent threat (APT) attacks for Windows applications				
	Manageability:-Out of band Management				
	independent of the operating system state and power state of PC				
	Integrated utility to enables hardware level testing				
	outside the operating system & Drivers should be available on OEM Website for				
	download				
	Certifications:-Microsoft Windows 10     FCC,CE, RoHS, UL, EPEAT, Energy Star				
	ISO 9001,14001,20001,27001 for OEM				
	Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports,				
	TCO 8.0 Certified				
	with heigh adjustment stand (Same OEM as desktop)				
	Standard Warranty:-3 Years onsite     Paid Warranty for Extended 2 Years				
24.2	Laptop-I5	01			
	Make- HP/Dell/Lenovo				
	Processor:- Latest 11 th generation Intel Core i5- 1135 processor /				
	Chipset:-System on Chip				
	• Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0				
	Memory:-8 GB DDR4 2666 MHz RAM expandable				
	to 32 GB with 2 DIMM Slots, both slots customer replaceable.				
	Hard Disk Drive:-512 GB SSD				
	Graphics:-Discrete NVIDIA GeForce Graphics     MX4XX of Higher with 2 GB Graphic Memory /				
	Intel UHD Graphics				
	• Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have				
	Integrated Privacy Screen Guard.				
	Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone				
	Keyboard:-Spill Resistant & backlit keyboard with				
	multi gesture support.				
	Finger Print Reader:-Integrated     Ethernet Interface:-Integrated Ethernet 10/100/1000				
	NIC, Native Ethernet Port, If adapter is provided				
	the Speed must match that of PCIe compliant ethernet port.				
	• Ports:-4 USB Ports ( 3x USB 3.1 Gen1 Type A				
	, at least 1 USB Type C with Display & Charging Support				
	1 RJ 45				
-					

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid	Remark
110.	(with Make & Specification)	requ.	Oint	Authorizati	
				Certificate	
				attached or not	
01	1 HDMI 1.4b	03	04	05	06
	Headphone/Microphone Combo Jack     Integrated Media Card Reader:-1 multi-format digital				
	media reader supporting SD, SDHC, SDXC cards • Weight:-not more than 1.4 Kgs with battery				
	Security:-Hardware TPM 2.0, Security Lock Slot     Speaker / Microphones:-Integrated 2 stereo speakers;				
	HD audio Integrated Dual microphone  Battery:-Internal battery, Minimum 3 Cell 43 WHr,				
	Long Life and Quick Charge with Minimum of 10  Hrs of				
	( MM14 Benchmark) Backup.  • Operating System:-Windows 10 Pro with M.S.				
	Office Professional  OS Certification:-Must be certified for Windows 10				
	Pro 64 bit  AC Adapter:-Standard Indian Adaptor				
	Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed Standard Warranty:- 3 Year Comprehensive				
	Warranty including battery  • Paid Warranty for Extended 2 Years Comprehensive				
	Warranty including battery				
24.3	LaserJet Pro Printer Make:- HP/Canon/Epson/Ricoh	01			
	Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 26 ppm • Black (A4, ready): As fast as 8 sec				
	• Duty Cycle: Up to 30,000 pages • RMPV: 250 to 2000				
	• 1 Hi-Speed USB 2.0; 1 Ethernet 10/100; Wi Fi 802.11b/g/n				
	ePrint; Wireless Direct Printing     year onsite warranty  Printing				
25	Paid Warranty for Extended 4 Years				
25 25.1	Marathi Desktop Computer with i5 Processor	02			
	Make- HP/Dell/Lenovo  • Form Factor:- Small Form Factor				
	Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal)      Chinaste Communical Chapter 120 0470 Chinaster				
	Chipset:-Commercial Class Intel® Q470 Chipset     Processor:- Intel 10 th Generation Core i5 10500     Processor /				
	12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology				
	Memory:-4 GB / 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots				
	Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or				
	equivalent Should capable to Support RAID Graphics:-Intel® UHD Graphics 630				
	Audio:-Integrated audio controller with internal speaker of atleast 2W				
	Operating System:-Microsoft Windows 10     Professional with OEM Recovery DVD or option of				
	Cloud Recovery  Networking:-Integrated Intel Gigabit 10/100/1000				
	Ethernet Controller  • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo				
	Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1 VGA				
	• USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2				
	Slots:-1 PCI Express v3.0 x1     1 PCI Express v3.0 x16     2 M.2				
	• Integrated 5-in-1 SD card reader, 3 SATA Ports				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
Λ1	Ω2	03	Ω4	not 05	06
01	• Bays:-2 Internal , 1 Externa bay • Keyboard:-USB Wired Keyboard, • Mouse:-USB Optical Wired Mouse • Power Supply:-180 W with 92% efficiency or better • Volume:-No More than 8 L • Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM • Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports,	03	04	05	06
	TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)				
	<ul> <li>Standard Warranty:-3 Years onsite</li> </ul>				
25.2	Paid Warranty for Extended 4 Years  LaserJet Pro	02			
25.3	Make:- HP/Canon/Epson/Ricoh Print, Scan, Copy, Fax & Wireless Prints up to 25/26 ppm (Normal), A4/letter1  • 600 MHz processor with 256MB RAM  • Duty Cycle up to 15,000 page per month  • RMPV: Up to 500 to 2,000 pages2  • 600 x 600 dpi print resolution  • Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out); WiFi 802.11b/g/n)^  • 88X Black Toner- 1,500 pages 1 year onsite warranty  • Paid Warranty for Extended 4 Years  External USB Hard Disk	01			
23.3	Make-HP/Toshiba/Transend External Hard Disk 2 TB\	01			
26	Sociology				
26 26.1	<ul> <li>Sociology</li> <li>Desktop Computer with i5 Processor         Make- HP/Dell/Lenovo</li> <li>Form Factor:- Small Form Factor</li> <li>Chassis:-Tool-less Chassis (Tool-less Hard Drive,         Memory &amp; Optical drive Removal)</li> <li>Chipset:-Commercial Class Intel® Q470 Chipset</li> <li>Processor:- Intel 10th Generation Core i5 10500         Processor / 12 MB cache, 6 cores, 12 threads         Should Supports Intel® vPro Technology</li> <li>Memory:-4 GB / 8 GB DDR4-2666 Memory         expandability up to 64 GB with 2 DIMM Slots</li> <li>Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or         equivalent         Should capable to Support RAID</li> <li>Graphics:-Intel® UHD Graphics 630</li> <li>Audio:-Integrated audio controller with internal</li> </ul>	05			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
26.2	speaker of atleast 2W Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 ,1 VGA USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal , 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM Display:-21.5" with Minimum resolution of 1920X1080, with VGA , HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop) Standard Warranty:-3 Years onsite Paid Warranty for Extended 2 Years  LaserJet Pro Printer Make:- HP/Canon/Epson/Ricoh Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 26 ppm Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 26 ppm Black (A4, ready): As fast as 8 sec Duty Cycle: Up to 30,000 pages RMPV: 250 to 2000	03	04	05	06
	• 1 Hi-Speed USB 2.0; 1 Ethernet 10/100; Wi Fi 802.11b/g/n • ePrint; Wireless Direct Printing 1 year onsite warranty				
	Extender Warranty: 4 Years				
27	English				
27 27.1	English  Color LaserJet Printer  Make:- HP/Canon/Epson/Ricoh Print and Wireless  • Black (normal, A4): Up to 21 ppm; Colour (normal, A4): Up to 21 ppm  • First page out (A4, ready): As fast as 10.5/12.2 seconds; (A4, sleep): As fast as 12.1/12.4 seconds(Black/Color)  • Duty cycle: Up to 40,000 pages  • RMPV 150 to 2,500 pages  • Hi-Speed USB 2.0 port; built-in Fast Ethernet	01			

Sr.	Name of Item	Qty	Rate in Rs. Per	Copy of	Remark
No.	(with Make & Specification)	Reqd.	Unit	Valid Authorizati	Kemark
				on Certificate attached or	
01	02	02	0.4	not	06
01	02 10/100Base-TX	03	04	05	06
	network port; 802.11n 2.4/5GHz wireless; Walkup host				
	USB port				
	• ePrint; Apple AirPrintTM; Mobile Apps; Wi-Fi® Direct printing;				
	Google Cloud PrintTM, MopriaTM-certified				
	Auto-On/Auto-Off technology     I year onsite warranty				
	Paid Warranty for Extended 4 Years				
27.2	Desktop Computer with i3 Processor  Make- HP/Dell/Lenovo	06			
	Form Factor: Small Form Factor     Chassis:-Tool-less Chassis (Tool-less Hard Drive,				
	Memory & Optical drive Removal)				
	Chipset:-Commercial Class Intel® Q470 Chipset     Processor:-Intel 10 th Generation Core i3 10300				
	Processor / Generation Core is 10500				
	• 8 MB cache, 4 cores, 8 threads				
	Should Supports Intel® vPro Technology  • Memory:- 8 GB DDR4-2666 Memory expandability				
	up to 64 GB with 2 DIMM Slots				
	Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or				
	equivalent				
	Should capable to Support RAID				
	Graphics:-Intel® UHD Graphics 630     Audio:-Integrated audio controller with internal				
	speaker of atleast 2W				
	Operating System:-Microsoft Windows 10     Professional with OEM Recovery DVD or option of				
	Cloud Recovery				
	Networking:-Integrated Intel Gigabit 10/100/1000     Ethernet Controller				
	• Intel® Wi-Fi 6 AX201 802.11ax 2x2 with				
	Bluetooth® M.2 Combo • Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4, 1				
	VGA				
	• -USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2				
	Slots:-1 PCI Express v3.0 x1     PCI Express v3.0 x16				
	2 M.2				
	Integrated 5-in-1 SD card reader, 3 SATA Ports     Bays:-2 Internal, 1 Externa bay				
	Keyboard:-USB Wired Keyboard,				
	Mouse:-USB Optical Wired Mouse     No. 14 100 W. id. 2007 SS. id. id. 2007				
	<ul> <li>Power Supply:-180 W with 92% efficiency or better</li> <li>Volume:-No More than 8 L</li> </ul>				
	Security:-Hardware based endpoint security				
	controller TPM 2.0 Integrated Intrusion Sensor				
	Support for chassis cable lock devices & Support for				
	chassis padlocks devices Drive lock option for HDD to secure Data				
	Integrated protection from malware that lurks on				
	malicious websites Integrated real-time detection and prevention of				
	zero-day threats and advanced persistent threat				
	(APT) attacks for Windows applications  • Manageability:-Out of band Management				
	independent of the operating system state and power				
	state of PC Integrated utility to enables hardware level testing				
	outside the operating system &				
	Drivers should be available on OEM Website for download				
	Certifications:-Microsoft Windows 10				
	FCC,CE, RoHS, UL, EPEAT, Energy Star				
	ISO 9001,14001,20001,27001 for OEM  • Display:-21.5" with Minimum resolution of				
	1920X1080, with VGA, HDMI, Display Ports,				
	TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)				
	us desktop)	I	1		

• Standard Warranty:-3 Years onsite • Standard Warranty:-2 Years onsite  Lib. & Info Science  Laptop-I7	03	04	not 05	
<ul> <li>Standard Warranty:-3 Years onsite</li> <li>Standard Warranty:-2 Years onsite</li> <li>Lib. &amp; Info Science</li> <li>Laptop-I7</li> </ul>	03	04	U.)	06
Standard Warranty:-2 Years onsite  Lib. & Info Science  Laptop-I7				00
Laptop-I7				
Laptop-I7				
<ul> <li>Make- HP/Dell/Lenovo</li> <li>Processor:-Latest 11th generation Intel Core i7-1165 processor</li> <li>Chipset:-System on Chip</li> <li>Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0</li> <li>Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.</li> <li>Hard Disk Drive:-512 GB SSD</li> <li>Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics</li> <li>Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.</li> <li>Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone</li> <li>Keyboard:-Spill Resistant &amp; backlit keyboard with multi gesture support.</li> <li>Finger Print Reader:-Integrated</li> <li>Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC, Native Ethernet Port, If adapter is provided the Speed must match that of PCIe compliant ethernet port.</li> <li>Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A, at least 1 USB Type C with Display &amp; Charging Support 1 RJ 45</li> <li>1 HDMI 1.4b</li> <li>1 Headphone/Microphone Combo Jack</li> <li>Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards</li> <li>Weight:-not more than 1.4 Kgs with battery</li> <li>Security:-Hardware TPM 2.0, Security Lock Slot</li> <li>Speaker / Microphones:-Integrated 2 stereo speakers; HD audio</li> <li>Integrated Dual microphone</li> <li>Battery:-Internal battery, Minimum 3 Cell 43 WHr, Long Life and Quick Charge with Minimum of 10 Hrs of</li> <li>(MM14 Benchmark) Backup.</li> <li>Operating System:-Windows 10 Pro with M.S. Office Professional</li> <li>OS Certification:-Must be certified for Windows 10 Pro 64 bit</li> <li>AC Adapter:-Standard Indian Adaptor</li> <li>Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed</li> <li>Standard Warranty:- 3 Year Comprehensive</li> </ul>	01			
Paid Warranty for Extended 2 Years				
Comprehensive Warranty including battery	10			
	10			
<ul> <li>Make- HP/Dell/Lenovo</li> <li>Form Factor: Small Form Factor</li> <li>Chassis: Tool-less Chassis (Tool-less Hard Drive, Memory &amp; Optical drive Removal)</li> <li>Chipset:-Commercial Class Intel® Q470 Chipset</li> <li>Processor:-Intel 10th Generation Core i7 10700 Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology</li> <li>Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots</li> <li>Storage:-1TB 7200RPM HDD /SMART IV ((Self-Monitoring Analysis and Reporting Technology) or</li> </ul>				
	<ul> <li>Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.</li> <li>Hard Disk Drive:-512 GB SSD</li> <li>Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics</li> <li>Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.</li> <li>Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone</li> <li>Keyboard:-Spill Resistant &amp; backlit keyboard with multi gesture support.</li> <li>Finger Print Reader:-Integrated</li> <li>Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC, Native Ethernet Port, If adapter is provided the Speed must match that of PCIe compliant ethernet port.</li> <li>Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A, at least 1 USB Type C with Display &amp; Charging Support</li> <li>1 RJ 45</li> <li>1 HDMI 1.4b</li> <li>1 Headphone/Microphone Combo Jack</li> <li>Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards</li> <li>Weight:-not more than 1.4 Kgs with battery</li> <li>Security:-Hardware TPM 2.0, Security Lock Slot</li> <li>Speaker / Microphones:-Integrated 2 stereo speakers; HD audio</li> <li>Integrated Dual microphone</li> <li>Battery:-Internal battery, Minimum 3 Cell 43 WHr, Long Life and Quick Charge with Minimum of 10 Hrs of</li> <li>(MM14 Benchmark) Backup.</li> <li>Operating System:-Windows 10 Pro with M.S. Office Professional</li> <li>OS Certification:-Must be certified for Windows 10 Pro 64 bit</li> <li>AC Adapter:-Standard Indian Adaptor</li> <li>Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed</li> <li>Standard Warranty:-3 Year Comprehensive</li> <li>Warranty including battery</li> <li>Paid Warranty for Extended 2 Years Comprehensive Warranty including battery</li> <li>Paid Warranty for Extended 2 Years Comprehensive Warranty including battery</li> <li>Pedid Warranty for Extended 2 Years Comprehensive Warranty including b</li></ul>	<ul> <li>Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.</li> <li>Hard Disk Drive:-512 GB SSD</li> <li>Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics</li> <li>Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.</li> <li>Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone</li> <li>Keyboard:-Spill Resistant &amp; backlit keyboard with multi gesture support.</li> <li>Finger Print Reader:-Integrated</li> <li>Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC, Native Ethernet Port, If adapter is provided the Speed must match that of PCIe compliant ethernet port.</li> <li>Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A, at least 1 USB Type C with Display &amp; Charging Support IR 14-5</li> <li>I HDMI 1.4b</li> <li>I Headphone/Microphone Combo Jack</li> <li>Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards</li> <li>Weight:-not more than 1.4 Kgs with battery</li> <li>Security:-Hardware TPM 2.0, Security Lock Slot</li> <li>Speaker / Microphones:-Integrated 2 stereo speakers; HD audio</li> <li>Integrated Dual microphone</li> <li>Battery:-Internal battery, Minimum 3 Cell 43 WHr, Long Life and Quick Charge with Minimum of 10 Hrs of (MM14 Benchmark) Backup.</li> <li>Operating System:-Windows 10 Pro with M.S. Office Professional</li> <li>OS Certification:-Must be certified for Windows 10 Pro 64 bit</li> <li>AC Adapter:-Standard Indian Adaptor</li> <li>Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed</li> <li>Standard Warranty: 3 Year Comprehensive Warranty including battery</li> <li>Paid Warranty for Extended 2 Years Comprehensive Warranty including battery</li> <li>Paid Warranty of Extended 2 Years Comprehensive Warranty including battery</li> <li>Pesktop Computer with i7 Processor</li> <li>Make-HP/Dell/Lenovo</li> <li>Form Factor:- Small Form</li></ul>	Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.   Hard Disk Drive:-512 GB SSD	Memory-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable     Hard Disk Drive:-512 GB SSD     Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics     Display:-14" Full HID Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.     Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone     Keyboard:-5pill Resistant & backlit keyboard with multi gesture support.     Finger Print Reader:-Integrated     Eithernet Interface:-Integrated     Eithernet John     Ports:-4 USB Ports (3x USB 3.1 Genl Type A , at least 1 USB Type C with Display & Charging Support     RJ 45

Sr.	Name of Item	Qty	Rate in Rs. Per	Copy of	Remark
No.	(with Make & Specification)	Reqd.	Unit	Valid Authorizati	
				on	
				Certificate	
				attached or not	
01	02	03	04	05	06
	equivalent Should capable to Support RAID				
	Graphics:-Intel® UHD Graphics 630				
	Audio:-Integrated audio controller with internal speaker of atleast 2W				
	Operating System:-Microsoft Windows 10     Professional with OEM Recovery DVD or option of				
	Cloud Recovery				
	Networking:-Integrated Intel Gigabit 10/100/1000     Ethernet Controller				
	Intel® Wi-Fi 6 AX201 802.11ax 2x2 with     Bluetooth® M.2 Combo				
	• Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 , 1				
	VGA  ■ USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen				
	2 • Slots:-1 PCI Express v3.0 x1				
	1 PCI Express v3.0 x16				
	2 M.2 • Integrated 5-in-1 SD card reader, 3 SATA Ports				
	Bays:-2 Internal , 1 Externa bay     Keyboard:-USB Wired Keyboard,				
	Mouse:-USB Optical Wired Mouse				
	<ul> <li>Power Supply:-180 W with 92% efficiency or better</li> <li>Volume:-No More than 8 L</li> </ul>				
	Security:-Hardware based endpoint security controller TPM 2.0				
	Integrated Intrusion Sensor				
	Support for chassis cable lock devices & Support for chassis padlocks devices				
	Drive lock option for HDD to secure Data Integrated protection from malware that lurks on				
	malicious websites Integrated real-time detection and prevention of				
	zero-day threats and advanced persistent threat				
	(APT) attacks for Windows applications  • Manageability:-Out of band Management				
	independent of the operating system state and power state of PC				
	Integrated utility to enables hardware level testing				
	outside the operating system & Drivers should be available on OEM Website for				
	download • Certifications:-Microsoft Windows 10				
	FCC,CE, RoHS, UL, EPEAT, Energy Star				
	ISO 9001,14001,20001,27001 for OEM  • Display:-21.5" with Minimum resolution of				
	1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified				
	with heigh adjustment stand (Same OEM as desktop) • Standard Warranty:-3 Years onsite				
20.0	Paid Warranty for Extended 2 Years	00			
28.3	LaserJet Pro Printer Make:- HP/Canon/Epson/Ricoh	02			
	Black (A4, normal): Up to 25 ppm; Black (letter, normal): Up to 26 ppm				
	• Black (A4, ready): As fast as 8 sec				
	• Duty Cycle: Up to 30,000 pages • RMPV: 250 to 2000				
	• 1 Hi-Speed USB 2.0; 1 Ethernet 10/100; Wi Fi 802.11b/g/n				
	ePrint; Wireless Direct Printing				
	Paid Warranty for Extended 4 Years				
28.4	Scanner Book Scanner	01			
	Make:- HP/Canon/Fujistu/Ricoh				
	Scanner Type :- Overhead, Simplex     Scanning Speed (1) (A3 Landscape) :- Auto mode				
	(2):- 3 seconds / page  • :- Normal mode :- 3 seconds / page (3) (Color /				
	Grayscale :- 150 dpi, Monochrome :- 300 dpi)				
	• :- Better mode :- 3 seconds / page (3) (Color /				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
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01	Grayscale:- 200 dpi, Monochrome:- 400 dpi)  : Best mode:- 3 seconds / page (3) (Color / Grayscale:- 300 dpi, Monochrome:- 600 dpi)  : Excellent mode:- 3 seconds / page (3) (Color / Grayscale:- 600 dpi, Monochrome:- 1,200 dpi)  Scanning Color Mode:- Color, Grayscale, Monochrome, Automatic (Color / Grayscale / Monochrome detection)  Image Sensor:- Lens reduction optics / Color CCD x 1  Light Source:- (White LED + Lens illumination) x 2  Optical Resolution:- 285 to 218 dpi (Horizontal scanning), 283 to 152 dpi (Vertical scanning) (4)  Document Size:- Maximum:- 432 x 300 mm (17.0 x 11.8 in.)  :- Minimum:- 25.4 x 25.4 mm (1 x 1 in.) (5)  Paper Weight (Thickness):- 30 mm (1.18 in.) or less  Interface (6):- USB2.0 / USB1.1 (Connector Type:- Type-B)  Power Requirements:- AC 100 to 240 V, 50/60 Hz  Power Consumption:- Operating Mode:- 20 W or less  :- Sleep Mode:- 2.6 W or less  :- Auto Standby (Off) Mode:- 0.4 W or less  Operating Environment:- Temperature:- 5 to 35 °C (41 to 95 °F)  :- Relative Humidity:- 20 to 80% (Non-condensing)  Environmental Compliance:- ENERGY STAR®, RoHS  Dimensions (W x D x H):- 210 x 156 x 383 mm (8.27 × 6.14 × 15.08 in.)  Weight:- 3 kg (6.62 lb)  Driver:- Scan Snap specific driver Windows®:- Does not support TWAIN / ISIS® macOS:- Does not support TWAIN / Software (7):- Scan Snap Home (all-in-one document management software/driver)  Scan Snap Manager  (Conventional driver)  Kofax Power PDF Standard (Windows)  Kofax Power PDF Standard for Mac (Mac)  ABBYY FineReader for Scan Snap TM Image Processing Functions:- Deskew by text on document, Automatic color detection, Book image correction (8), Multiple document detection (9)  Included Items:- AC cable, AC adapter, USB cable, Safety Precautions, Background Pad, Extenders (x2)  Standard Warranty:- 1 Years onsite  Paid Warranty for Extended 4 Years	03	04	0.5	06
28.5	Online UPS Make-Luminous/Microtek/Transtech	01			
	5KVA with 30 Min. Backup with SMF Batteries     Standard Warranty:- 3 Year Comprehensive     Warranty including battery     Extended Warranty:- 2 Year Comprehensive     Warranty including battery				
28.6	Switch 24 port internet hub	01			
28.7	Speakers (Multimedia)	03			
29 29.1	Applied Electronics  Desktop Computer Make- HP/Dell/Lenovo  • Windows 10 Pro 64  • Processor Name :-Intel® Core™ i9-9900 with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 5 GHz with Intel® Turbo Boost Technology, 16 MB cache, 8 cores)  • Processor footnote:- [6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will	03			

Sr.	Name of Item	Otry	Rate in Rs. Per	Copy of	Remark
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01	02	03	04	05	06
01	necessarily benefit from use of this technology.	03	04	0.5	00
	Performance and clock frequency will vary				
	depending on application workload and your				
	hardware and software configurations. Intel's numbering, branding and/or naming is not a				
	measurement of higher performance.				
	• [7] Intel® Turbo Boost performance varies				
	depending on hardware, software and overall system				
	configuration. See <a href="http://www.intel.com/technology/turboboost/">http://www.intel.com/technology/turboboost/</a> for				
	more information.				
	• Processor family:- 9 th Generation Intel® Core™ i9				
	processor (i9-9900)				
	• Chipset Intel® Q370 (vPro); Intel® Q370 (non-vPro)				
	• Form factor:- Tower				
	• Memory:-8 GB DDR4-2666 SDRAM (1 X 8 GB)				
	• Memory slots:- 4 DIMM				
	STORAGE     Hard drive description:- 2 TB 7200 rpm SATA				
	• Storage type :- HDD				
	Optical drive:-9.5 mm Slim DVD-Writer				
	• External drive bays:-One 9.5 mm slim ODD				
	• Internal drive bays:-One 3.5" HDD				
	• Graphics:-AMD Radeon™ R7 430 Graphics (2 GB DDR4 dedicated)				
	• Graphic card footnote 2 [18]:-AMD Radeon TM R7				
	430 Graphics (2 GB GDDR5 dedicated, 64bit				
	DP+VGA) not available in all regions.  • [21] AMD Radeon™ RX 580, NVIDIA® GeForce®				
	GTX 2060, NVIDIA® GeForce® GTX 2070,				
	NVIDIA® GeForce® GTX 2080 require 500W				
	chassis. • EXPANSION FEATURES				
	• I/O Port location:- Rear				
	• Ports 1 audio-in; 1 audio-out; 1 power connector; 1				
	RJ-45; 2 DisplayPort™ 1.2; 2 SuperSpeed USB				
	10Gbps signaling rate; 2 SuperSpeed USB 5Gbps signaling rate; 2 USB 2.0				
	• I/O Port location :-Front				
	• Ports 1 headphone; 1 headset connector; 1				
	SuperSpeed USB Type-C® 10Gbps signaling rate				
	(charging); 1 USB 2.0; 1 USB 2.0 (fast charging); 2 SuperSpeed USB 10Gbps signaling rate				
	• I/O Port location				
	Optional Ports:- 1 HDMI				
	• External I/O ports footnote:- [19] The TWR can support a single graphics card up to 75W. When				
	can support a single graphics card up to 75 w. when configured with dual graphics cards support is				
	limited to 35W for each.				
	• Expansion slots 1 M.2 2230; 1 PCIe 3.0 x16; 1 PCIe 3.0 x16 (wired as x4); 2 M.2 2230/2280; 2				
	PCIe 3.0 x16 (wired as x4); 2 M.2 2230/2280; 2 PCIe 3.0 x1				
	MEDIA DEVICES				
	• Audio Conexant :- CX20632 codec, universal audio				
	jack, headset and headphone front ports (3.5 mm), multi-streaming capable				
	• INPUT DEVICES				
	Pointing device USB:-Wired Optical Mouse				
	Keyboard:- USB Wired Keyboard     COMMUNICATIONS				
	COMMUNICATIONS     Network interface type     LAN				
	Network interface type     Network interface:- Integrated Intel®				
	I219LM GbE LOM; Intel® I210-T1 PCIe® GbE				
	• Standard Warranty:3 Years onsite				
29.2	Paid Warranty for Extended 2 Years  All in any Community Contains	02			
29.2	All in one Computer System, Make- HP/Dell/Lenovo	02			
	• Core i7, 10 th Generation				
	OPERATING SYSTEM				
	• Windows 10 Home 64				
	• PROCESSOR		1		

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
Δ4	02	02	0.4	not	0.5
01	• Intel® Core™ i7-10510U (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) • GRAPHICS: Integrated: Intel® UHD Graphics • DISPLAY: 27" diagonal FHD IPS anti-glare WLED-backlit three-sided micro-edge touch screen, 250 nits, 72% NTSC (1920 x 1080) • MEMORY: 16 GB DDR4-2666 SDRAM (2 x 8 GB) • STORAGE: 1 TB 7200 rpm SATA HDD • SECONDARY STORAGE: 512 GB PCIe® NVMe™ M.2 SSD • MEMORY CARD DEVICE: 3-in-1 memory card reader • NETWORK INTERFACE: Integrated 10/100/1000 Gigabit Ethernet LAN • WIRELESS TECHNOLOGY: Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 Combo • POWER SUPPLY: 65 W Smart AC power adapter • EXTERNAL I/O PORTS • Side:1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps (Battery Charging 1.2) • Rear:2 USB 2.0; 2 SuperSpeed USB Type-A 5Gbps signaling rate • EXPANSION SLOTS 2 M.2 • VIDEO CONNECTOR 1 HDMI-out 1.4 • WEBCAM: Wide vision FHD IR privacy camera with integrated dual array digital microphone [8] • AUDIO Internal Speaker • POINTING DEVICE: USB white wired optical mouse • KEYBOARD: USB White wired keyboard and	03	04	05	06
	mouse combo				
	Standard Warranty:3 Years onsite				
	Paid Warranty for Extended 2 Years				
29.3	Laptop Pro book Make- HP/Dell/Lenovo  • SYSTEM FEATURES  • Operating system: Windows 10 Pro 64  • Processor Name: Intel® Core™ i7-10510U processor with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)  • Form factor: Standard laptop  • MEMORY  • Memory: 8 GB DDR4-2666 SDRAM (1 x 8 GB)  • Memory slots : 2 SODIMM  • Standard memory note: Transfer rates up to 2666 MT/s.  • STORAGE: Hard drive description 512 GB PCIe® NVMe™ M.2 SSD  • DISPLAY AND GRAPHICS: Display 35.56 cm(14) diagonal FHD IPS anti-glare WLED-backlit, 220 nits, 45% NTSC (1920 x 1080)  • Touch-enabled display and Sure View privacy panel will lower actual brightness.  • Graphics: Intel® UHD Graphics 620  • EXPANSION FEATURES  • Ports: 1 USB 3.1 Type-C™ Gen 1 (Power delivery, DisplayPort™); 2 USB 3.1 Gen 1; 1 HDMI 1.4b; 1 RJ-45; 1 headphone/microphone combo; 1 AC power; 1 USB 2.0 (powered port)  • Expansion slots: 1 SD  • Audio features Stereo speakers, integrated microphone (mono or dual array)  • Camera : HD camera  • INPUT DEVICES  • Pointing device:- Click pad with multi-touch gesture support  • Keyboard :-Premium Spill-resistant Backlit Keyboard  • COMMUNICATIONS	05			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on	Remark
				Certificate attached or not	
01	02	03	04	05	06
	Network interface: Realtek 10/100/1000     GbE NIC     Wireless: Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™	03	· ·	0.0	
	<ul> <li>Wireless note MU-MIMO supported</li> <li>POWER AND OPERATING REQUIREMENTS</li> <li>Power: Smart 65 W EM External AC power adapter</li> <li>Power supply footnote [30] Availability may vary by country.</li> </ul>				
	<ul> <li>Battery type: Long Life 3-cell, 45 Wh Li-ion</li> <li>Battery life note: Battery is internal and not replaceable by customer. Serviceable by warranty.</li> <li>Energy Efficiency Compliance ENERGY STAR® certified</li> </ul>				
	Environmental Low halogen; TCO 5.0 Certified     Standard Warranty:3 Years onsite     Paid Warranty for Entended 2 Years				
29.4	Paid Warranty for Extended 2 Years  Multifunction LaserJet Printer	02			
27.4	Make- HP/Epson/Canon/Ricoh	52			
	Print speed, black :- 31 – 40				
	Color output :- Black and white				
	Product type :- Laser printer Functions :- Print scan copy and fax				
	Output capacity:- Up to 150 sheets				
	Media type and capacity, ADF :- Sheets :- 50 uncurled				
	Paper handling input, standard: 100-sheet tray 1, 250-sheet input tray 2;				
	• 50-sheet Automatic Document Feeder (ADF)				
	Paper handling input, optional :- Optional third 550-sheet tray				
	Input capacity: - Up to 350 sheets (Tray 1:- up to 100 sheets; Tray 2:- up to 250 sheets)				
	Paper handling output, standard :- 150-sheet output bin Standard output capacity (envelopes) :- Up to 10 envelopes				
	Maximum input capacity (sheets) :- Up to 900 sheets (with Optional 550-sheet tray) Display :- 2.7" (6.86 cm) intuitive color touchscreen				
	(CGD) Display area (metric) :- 5.4 x 4.05 cm				
	Scan speed duplex (normal, A4) :- Up to 46 ppm (b&w), up to 34 ppm (color)				
	Number of print cartridges :- 1 (black) Supplies feature :- Jet Intelligence Cartridge Print speed black (normal, A4) :- Up to 38 ppm				
	Print speed duplex (A4):- Up to 31 ppm  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,  Fax archive to network folder, Fax archive to email,				
	Fax to computer, Enable/disable fax, Quick Sets Storage device and direct print support :- USB Printing;				
	Optional job storage via external rear host USB port (Minimum 16GB)  Duty cycle (monthly, letter) :- Up to 80,000 pages				
	Functions :- Print, Copy, Scan, Fax, Email Print languages :- PCL 6, PCL 5c, postscript level 3				
	emulation, PDF, URF, Native Office, PWG Raster Paper trays, maximum: - 3  Duty, evels (monthly, A4) - Un to 80,000 pages				
	Duty cycle (monthly, A4):- Up to 80,000 pages Paper trays, standard:- 2 Recommended monthly page volume:- 750 to 4000				
	Print technology: - Laser  Duplex printing: - Automatic (default)				
	Top key features :- Scan to email/PDF; Two-sided scanning; 50-sheet ADF; Energy Efficient; Scan to				
	Cloud/email Target user and print volume :- For teams up to 10 users; Prints up to 4,000 pages/month				
	Scan size (ADF), maximum :- 216 x 356 mm				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
Λ1	02	03	04	not 05	06
01	Scan file format :- PDF, JPG, TIFF Color scanning :- Yes Scanner type :- Flatbed, ADF Scan input modes :- Front-panel scan, copy, email, or file buttons; Scan size ADF (minimum) :- 102 x 152 mm Bit Depth :- 24-bit Twain version :- Version 2.3 Duplex ADF scanning :- Yes Native scan file format :- PDF; JPG Scan technology :- Contact Image Sensor (CIS) 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 Mobile printing capability :- Apple AirPrint™; Google Cloud Print™, Print; Smart App, 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; Auto redial :- Yes Fax memory :- Up to 400 pages Fax forwarding :- Yes Fax memory :- Up to 400 pages Control panel :- 2.7" Color Touchscreen Processor speed :- 1200 MHz Scan Resolution, Hardware :- Flatbed (Up to 1200 x 1200 dpi); ADF (Up to 300 x 300 dpi) Enhanced scanning resolution :- Up to 1200 x 1200 dpi Scan Resolution, Optical :- Up to 1200 x 1200 dpi Memory :- 512 MB Memory, maximum :- 512 MB Media sizes supported :- Tray 1 :- A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (197 x 273 mm); Japanese Postcard;	03	04	05	06
	Standard Warranty:-1 Years onsite				
29.5	Server Make- HP/IBM/Dell Form Factor 4U Tower Model Gen10 Server Processor Intel Xeon-Bronze 3204 (6-Core, 1.9 GHz, 85W) Memory 1x8 GB RDIMM SR 2933 MT/s Hard Disk Drive 4 LFF(3.5inch) Non Hot Plug Open Bay 3 X 1TB SATA 7.2K LFF RW HDD Gen10 Slimline ODD Bay Kit RAID Smart Array S100i SR Gen10 Software RAID 0,1,5,10 Optical Drive 9.5mm SATA DVD-RW Optical Drive Power Supply 1x 500W Standard Non-Hot-Plug/non-RPS Power Supply Smart Array E208i-a SR Gen10 Ctrlr Network Controller Embedded 4-Port 1GbE Ethernet 1Gb 4-port 369i Adapter Management iLO Standard with Intelligent Provisioning (embedded) Ms Ws19 (16-Core) edu std ROK en sW With CAL Monitor: 18.5" LED	01			

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Warranty Sci Sci Carel abor/On Site		00
Online UPS   Michael Luminous/Transche/Microtak   S.K.V.A. Online UPS   With Half hour backup   With SMF Batteries	Paid Warranty for Extended 2 Years (	
Desktop Computer with i7 Processor   Make HI7 Dell Lenovo	29.6 Online UPS Make- Luminous/Transtech/Microtek 5 KVA Online UPS With Half hour backup	
Makes—HPDelltJenovo  Norm Factor—Small Form Factor  Chassis—Tool-less Chassis (Tool-less Hand Drive, Memory & Optical drive Removal)  Chipset—Commercial Class Intel® Q470 Chipset  Processor—with 3.1 GHz base frequency  12 MB cuche, oc teros, 12 threads  Should Supports Intel® viro Technology  Memory:—SG BDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots  Storage—THT 2000RPM HDD; SMART IV (Self-Monitoring, Analysis and Reporting Technology) or equivalent  Should Supports Intel® viro Technology or equivalent  Should chapable to Support RAID  Graphics—Intel® UHD Graphics 630  Audito-Integrated audits controller with internal speaker of atleast 22 W  Operating System—Microsoft Windows 10  Professional with OFM Recovery DVD or option of Cloud Recovery  Networking—Integrated Intel Gigabit 10/100/1000  Ethernet Controller  Intel® Wi-Fi 6 AXQ19 802.11 as 2x2 with Bluetooth® M.2 Combo  Ports:-Video:—I Display Port 1.4., HDMI 1.4., 1 VGA  USB=-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2  SlotsI PCI Express v3.0 x11  PCI Express v3.0 x16  2 M.2  Integrated 5-in-1 SD card reader, 3 SATA Ports  Bays:—2 Internal, 1 Externa bay  Keyboard—USB Wird Keyboard,  Musse—USB Ghaid Wird Mouse  Power Supply—180 W with 92% efficiency or better  Volume-No Murch and 8.1  Security—Hardware based endpoint security currivale—TPM 2.0  Integrated Intrusion Sensor  Support for chassis cable lock devices & Support for chassis paddocks devices  Drive lock protion for HDD to secure Data Integrated protection from malware that harks on malacious websites  Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (AFT) attacks for Windows 10  FCCCE, RoHS, UL, EFEAT, Energy Nar	30 Botany	
Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports,	30.1 Desktop Computer with i7 Processor Make-HP/Dell/Lenovo • Form Factor: Small Form Factor • Chassis: Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) • Chipset: Commercial Class Intel® Q470 Chipset • Processor: Intel OF Generation Core i7 10700 Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology • Memory-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Sloss • Storage: ITB ZORORPM HDD /SMART IV ( (Self- Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID • Graphics-Intel® UHD Graphics 630 • Audio-Integrated undio controller with internal speaker of altest 2 W • Operating System-Microsoft Windows 10 Professional with GEM Recovery DVD or option of Cloud Recovery • Networking-Integrated Intel Gigabit 10/100/1000 Ethernet Controller • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetootho M 2 Combo • Ports: Video: 1 Display Port 1.4, 1 HDM 1.4, 1 VGA • USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 2 • Slots:-I PCI Express v3.0 x1 1 PCI Express v3.0 x1 1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 • Integrated 5-in-1 SD card reader, 3 SATA Ports • Bays:-2 Internal, 1 Externa bay • Keyboard:-USB Wind Exp Selficiency or better • Volume-No More than 8 L • Security-Handstear based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) antacks for Windows applications • Manageability: Out of band Management independent of the operating system & Drivers should be available on OEM Website for download • Certifications-Microsoft Windows 10 FCCCE, Rofts, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM • Display-2.1.5 "with Minimum resolution of	

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or not	Remark
01	02	03	04	05	06
U1	with heigh adjustment stand (Same OEM as desktop)  • Standard Warranty:-3 Years onsite  • Paid Warranty for Extended 2 Years	03	04	03	00
30.2	Business Computer All in One (Touch/Non Touch) Make- HP/Dell/Lenovo  Core i7-9700, 16GB DDR4 RAM, 1TB SSD, Win 10 Pro, DVD RW, 23.8" FHD IPS Display, 3 years Onsite warranty, Wireless Keyboard, Wireless Mouse  23.8" Non-Touch, FHD IPS Widescreen WLED-backlit Antiglare, Narrow Bezel  DDR4 2666MHz RAM expandable upto 64GB, 2 SODIMM  Intel Q370 Chipset  Secure your sensitive information through Trusted Platform Module  World's most secure and manageable AiO  2MP FHD low-light Camera  Dual facing pop-up IR camera  Bang & Olufsen Audio with up-firing speakers  Audio Boost for balanced loudness and clarity and improved speech quality  Reclining Stand  Extremely versatility: Standing, reclining or mounted  Hardened Fingerprint reader for multifactor authentication  Wifi6 (802.11ax) – 3x faster than 802.11a  Standard Warranty:-3 Years onsite	01			
30.3	LaserJet Printer Make- HP/Canon/Epson/Ricoh Print, Scan, Copy Prints up to14 ppm1 (ISO) – A4 print & copy Duty Cycle up to 5,000 pages per month RMPV: Up to 250 to 2,000 pages2 600 x 600 dpi print resolution 230 MHz with 32MB RAM Hi-speed USB 2.0 port 12X Black Original LaserJet Toner- 2000 pages 1 year RTB warranty Paid Warranty for Extended 4 Years	02			
31 31.1	P.G.T.D. of MED  Desktop Computer with i7 Processor  Make- HP/Dell/Lenovo  Form Factor:- Small Form Factor  Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal)  Chipset:-Commercial Class Intel® Q470 Chipset  Processor:-Intel 10 th Generation Core i7 10700  Processor with 3.1 GHz base frequency 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology  Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots  Storage:-1TB 7200RPM HDD /SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID  Graphics:-Intel® UHD Graphics 630  Audio:-Integrated audio controller with internal speaker of atleast 2W  Operating System:-Microsoft Windows 10  Professional with OEM Recovery DVD or option of Cloud Recovery	03			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
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01	• Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller • Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo • Ports:-Video:- 1 Display Port 1.4 ,1 HDMI 1.4 ,1 VGA • USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 • Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 • Integrated 5-in-1 SD card reader, 3 SATA Ports • Bays:-2 Internal , 1 Externa bay • Keyboard:-USB Wired Keyboard, • Mouse:-USB Optical Wired Mouse • Power Supply:-180 W with 92% efficiency or better • Volume:-No More than 8 L • Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications • Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM • Display:-21.5" with Minimum resolution of 1920X1080, with VGA , HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop) • Standard Warranty:-3 Years onsite	03	04	not 05	06
	Paid Warranty for Extended 2 Years				
31,2	Business Computer All in One (Non Touch/Touch) Make- HP/Dell/Lenovo Core i7-9700, 16GB DDR4 RAM, 1TB SSD, Win 10 Pro, DVD RW, 23.8" FHD IPS Display, 3 years Onsite warranty, Wireless Keyboard, Wireless Mouse 23.8" Non-Touch, FHD IPS Widescreen WLED-backlit Antiglare, Narrow Bezel DDR4 2666MHz RAM expandable upto 64GB, 2 SODIMM Intel Q370 Chipset Secure your sensitive information through Trusted Platform Module World's most secure and manageable AiO 2MP FHD low-light Camera Dual facing pop-up IR camera Bang & Olufsen Audio with up-firing speakers Audio Boost for balanced loudness and clarity and improved speech quality Reclining Stand Extremely versatility: Standing, reclining or mounted Hardened Fingerprint reader for multifactor authentication Wifi6 (802.11ax) – 3x faster than 802.11a Standard Warranty:-3 Years onsite	03			

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01	02	03	04	05	06
31.3	Laptop with I7 Processor	02			
	Make- HP/Dell/Lenovo SYSTEM FEATURES				
	• Operating system: Windows 10 Home 64				
	• Processor Name:Intel® Core™ i7-1165G7 (up to 4.7				
	GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores)				
	• Processor family:11th Generation Intel® Core™ i7				
	processor				
	<ul><li>Chipset:Intel® Integrated SoC</li><li>Form factor:Convertible</li></ul>				
	MEMORY				
	• Memory:8 GB DDR4-3200 SDRAM (2 x 4 GB)				
	• Memory Note: Transfer rates up to 3200 MT/s.				
	<ul> <li>STORAGE</li> <li>Hard drive description:512 GB PCIe® NVMe™ M.2</li> </ul>				
	SSD				
	• Storage type:SSD				
	<ul><li>Optical drive:Optical drive not included</li><li>Cloud service:Dropbox</li></ul>				
	• DISPLAY AND GRAPHICS				
	• Display:35.6 cm (14") diagonal, FHD (1920 x 1080),				
	multitouch-enabled, IPS, edge-to-edge glass, micro- edge, 250 nits, 45% NTSC				
	• Graphics:Intel® Iris® X° Graphics				
	• EXPANSION FEATURES				
	• Ports:1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP				
	Sleep and Charge); 2 SuperSpeed USB Type-A				
	5Gbps signaling rate; 1 HDMI 2.0; 1 AC smart pin; 1				
	headphone/microphone combo • Expansion slots:1 multi-format SD media card reader				
	MEDIA DEVICES				
	• Audio features: Audio by B&O Dual speakers;				
	<ul> <li>Webcam: Wide Vision 720p HD camera with integrated dual array digital microphones</li> </ul>				
	Sensors: Accelerometer; Gyroscope; eCompass				
	• INPUT DEVICES				
	<ul> <li>Pointing device: Imagepad with multi-touch gesture support; Precision Touchpad Support</li> </ul>				
	• Keyboard:Full-size, backlit, natural silver keyboard				
	• COMMUNICATIONS				
	Wireless:Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file				
	transfer speeds)				
	Wireless note:Miracast compatible; MU-MIMO     Supported				
	supported • POWER AND OPERATING REQUIREMENTS				
	<ul> <li>Power supply type:65 W Smart AC power adapter</li> </ul>				
	Battery type:3-cell, 43 Wh Li-ion polymer     Data and a selection polymer				
	<ul><li>Battery weight:185 g</li><li>Energy Efficiency Compliance:ENERGY STAR®</li></ul>				
	certified; EPEAT® Silver registered				
	• DIMENSIONS AND WEIGHT				
	• Dimensions without stand (W x D x H):32.4 x 22.1 x 1.87 cm				
	• Dimension note (metric):Dimensions vary by				
	configuration • Package dimensions (W x D x H):6.9 x 48.3 x 30.5				
	• Package dimensions (W X D X H):6.9 X 48.3 X 30.5 cm				
	• Weight:1.61 kg				
	• Weight note (metric): Weight varies by configuration				
	<ul><li>Package weight: 2.03 kg</li><li>DESIGN</li></ul>				
	• Product color:Natural silver cover and base, natural				
	silver aluminum keyboard frame				
	<ul> <li>Product design:Paint finish cover and base, anodized keyboard frame</li> </ul>				
	• SOFTWARE				
	• Pre-installed software:Netflix				
	<ul> <li>Software - Productivity &amp; finance:Microsoft Office</li> <li>Standard Warranty:- 3 Year Comprehensive</li> </ul>				
	zanomo maranej. O rom compronensive	1	I .	<u> </u>	1

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
- 01	Warranty including battery	02	Ŭ.	0.5	00
	• Extended Warranty:- 2 Year Comprehensive				
31.4	Warranty including battery  Lacariet Printer	01			
31.4	Laserjet Printer Make- HP/Epson/Canon/Ricoh  Product Line :- LaserJet Ultra  Print Technology :- LaserJet  Functions :- Print, Copy, Scan  Multitasking supported :- Yes  Page Size :- A4  Print speed black :- Normal :- Up to 28 ppm  First Page Out (ready) :- Black :- As fast as 6.7 sec  Duty cycle (monthly, A4) :- Up to 40,000 pages  Print quality black (best) :- Up to 1200 x 1200 dpi  Print languages :- PCL5c PCL6 PS PCLmS PDF  URF PWG  Display :- 2-line LCD  Processor speed :- 800 MHz  Automatic paper sensor :- No  ePrint capability :- Yes  Wireless capability :- No  Connectivity, standard :- 1 Hi-Speed USB 2.0, 1Ethernet 10/100network  Network ready :- Standard (built-in Ethernet)  Memory, standard :- 256 MB  Duplex printing :- Automatic  Scanner type :- ADF, flatbed  Scan resolution, optical :- Up to 300 dpi (color and mono, ADF) Up to 1200 dpi (color and mono, flatbed)  Duplex ADF scanning :- No  Automatic document feeder capacity :- Standard, 35 sheets  File formats, supported :- JPG, RAW (BMP), PNG, TIFF, PDF  Scan input modes :- Scanning via LaserJet Software Scan or TWAIN-compliant or WIA-compliant software  Copy speed (normal) :- Black :- Up to 28 cpm  Copy resolution (black text) :- 600 x 600 dpi  Faxing :- No  Fax transmission speed :- No  Speed dials, maximum number :- No  Broadcast locations :- No  Power :- 110-volt input voltage :- 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 5.9 A, 220-volt input voltage :- 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 3.3 A  Package weight :- 14.4 kg  Cable included :- Yes, 1 USB, 1 USB PC to Printer  Warranty :- 1 year  On-Site Warranty :- Yes	01			
31.5	Paid Warranty for Extended 4 Years     wireless keyboard & Mouse	04			
22					
32 32.1	Incubation Centre Laptop -i7	01			
52.1	Make- HP/Dell/Lenovo  • Processor:-Latest 11 th generation Intel Core i7- 1165 processor  • Chipset:-System on Chip  • Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0  • Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.  • Hard Disk Drive:-512 GB SSD  • Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate	Remark
				attached or not	
01	02	03	04	05	06
	<ul> <li>Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.</li> <li>Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone</li> <li>Keyboard:-Spill Resistant &amp; backlit keyboard with multi gesture support.</li> <li>Finger Print Reader:-Integrated</li> <li>Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC, Native Ethernet Port, If adapter is provided the Speed must match that of PCIe compliant ethernet port.</li> <li>Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A, at least 1 USB Type C with Display &amp; Charging Support 1 RJ 45</li> <li>1 HDMI 1.4b</li> <li>1 Headphone/Microphone Combo Jack</li> <li>Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards</li> <li>Weight:-not more than 1.4 Kgs with battery</li> <li>Security:-Hardware TPM 2.0, Security Lock Slot</li> <li>Speaker / Microphones:-Integrated 2 stereo speakers; HD audio</li> <li>Integrated Dual microphone</li> <li>Battery:-Internal battery, Minimum 3 Cell 43 WHr, Long Life and Quick Charge with Minimum of 10 Hrs of</li> <li>(MM14 Benchmark) Backup.</li> <li>Operating System:-Windows 10 Pro with M.S. Office Professional</li> <li>OS Certification:-Must be certified for Windows 10 Pro 64 bit</li> <li>AC Adapter:-Standard Indian Adaptor</li> <li>Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed</li> <li>Standard Warranty: 3 Year Comprehensive Warranty including battery</li> <li>Paid Warranty for Extended 2 Years Comprehensive Warranty including battery</li> </ul>				
33	Lifelong learning & extension				
33.1	Desktop Computer with i3 Processor Make- HP/Dell/Lenovo  Form Factor:- Small Form Factor  Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal)  Chipset:-Commercial Class Intel® Q470 Chipset  Processor:-Intel 10 th Generation Core i3 10300 Processor /  8 MB cache, 4 cores, 8 threads Should Supports Intel® vPro Technology  Memory:- 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots  Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID  Graphics:-Intel® UHD Graphics 630  Audio:-Integrated audio controller with internal speaker of atleast 2W  Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery  Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller  Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo  Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4,1 VGA  - USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2  Gen 2  Slots:-1 PCI Express v3.0 x1	10			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	03	04	not 05	06
UI	1 PCI Express v3.0 x16	03	04	03	00
	<ul> <li>2 M.2</li> <li>Integrated 5-in-1 SD card reader, 3 SATA Ports</li> <li>Bays:-2 Internal, 1 Externa bay</li> <li>Keyboard:-USB Wired Keyboard,</li> <li>Mouse:-USB Optical Wired Mouse</li> <li>Power Supply:-180 W with 92% efficiency or better</li> <li>Volume:-No More than 8 L</li> <li>Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices &amp; Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications</li> <li>Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM</li> <li>Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with height adjustment stand (Same OEM as desktop)</li> <li>Standard Warranty:-3 Years onsite</li> <li>Paid Warranty for Extended 2 Years</li> </ul>				
33.2	Laserjet Printer  Make- HP/Canon/Epson/Ricoh  Product Line :- LaserJet Ultra  Print Technology :- LaserJet  Functions :- Print, Copy, Scan  Multitasking supported :- Yes  Page Size :- A4  Print speed black :- Normal :- Up to 28 ppm  First Page Out (ready) :- Black :- As fast as 6.7 sec  Duty cycle (monthly, A4) :- Up to 40,000 pages  Print quality black (best) :- Up to 1200 x 1200 dpi  Print languages :- PCL5c PCL6 PS PCLmS PDF URF  PWG  Display :- 2-line LCD  Processor speed :- 800 MHz  Automatic paper sensor :- No  ePrint capability :- Yes  Wireless capability :- No  Connectivity, standard :- 1 Hi-Speed USB 2.0,  1Ethernet 10/100network  Network ready :- Standard (built-in Ethernet)  Memory, standard :- 256 MB  Maximum memory :- 256 MB  Duplex printing :- Automatic  Scanner type :- ADF, flatbed  Scan resolution, optical :- Up to 300 dpi (color and mono, ADF) Up to 1200 dpi (color and mono, flatbed)  Duplex ADF scanning :- No  Automatic document feeder capacity :- Standard, 35 sheets  File formats, supported :- JPG, RAW (BMP), PNG, TIFF, PDF  Scan input modes :- Scanning LaserJet Software Scan or TWAIN-compliant or WIA-compliant software  Copy speed (normal) :- Black :- Up to 28 cpm  Copy resolution (black text) :- 600 x 600 dpi  Faxing :- No  Fax transmission speed :- No  Speed dials, maximum number :- No  Broadcast locations :- No  Power :- 110-volt input voltage :- 110 to 127 VAC (+/-  10%), 60 Hz/50 Hz, 5.9 A, 220-volt input voltage :-  220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 3.3 A  Package weight :- 14.4 kg	01			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	Black LaserJet Toner Cartridge ~15,000 (5,000 x 3) pages LaserJet Imaging Drum ~23,000 pages Power cord USB cable (AP)Getting started guide Set up poster Support flyer Warranty documents (CN, Indo, AU, Mex, BR, AG) Cable included :- Yes, 1 USB, 1 USB PC to Printer Software included :- For Windows OS :- Standard Warranty :- 1 year On-Site Warranty :- Yes	03	04	05	06
34	Paid Warranty for Extended 4 Years  Board of Innovation, Incubation &				
34.1	Linkages Bilingual Typing Software for Marathi/English/Hindi	01			
	Make- Shrilipi/ISM				
35 35.1	Laptop Make- HP/Dell/Lenovo  Processor:-Latest 11 th generation Intel Core i7- 1165 processor  Chipset:-System on Chip  Wireless:-Integrated wireless AX201 ax WiFi 6 + Bluetooth 5.0  Memory:-8 GB DDR4 2666 MHz RAM expandable to 32 GB with 2 DIMM Slots, both slots customer replaceable.  Hard Disk Drive:-512 GB SSD  Graphics:-Discrete NVIDIA GeForce Graphics MX4XX of Higher with 2 GB Graphic Memory / Intel UHD Graphics  Display:-14" Full HD Display (1920 x 1080 resolution) with min. 500 Nits Brightness, must have Integrated Privacy Screen Guard.  Webcam:-720p HD webcam with Physical Privacy Cover, Dual microphone  Keyboard:-Spill Resistant & backlit keyboard with multi gesture support.  Finger Print Reader:-Integrated  Ethernet Interface:-Integrated Ethernet 10/100/1000 NIC, Native Ethernet Port, If adapter is provided the Speed must match that of PCIe compliant ethernet port.  Ports:-4 USB Ports (3x USB 3.1 Gen1 Type A , at least 1 USB Type C with Display & Charging Support 1 RJ 45 1 HDMI 1.4b 1 Headphone/Microphone Combo Jack  Integrated Media Card Reader:-1 multi-format digital media reader supporting SD, SDHC, SDXC cards  Weight:-not more than 1.4 Kgs with battery  Security:-Hardware TPM 2.0, Security Lock Slot  Speaker / Microphones:-Integrated 2 stereo speakers; HD audio Integrated Dual microphone  Battery:-Internal battery, Minimum 3 Cell 43 WHr, Long Life and Quick Charge with Minimum of 10 Hrs of (MM14 Benchmark) Backup.  Operating System:-Windows 10 Pro with M.S. Office Professional  OS Certification:-Must be certified for Windows 10 Pro 64 bit  AC Adapter:-Standard Indian Adaptor  Mandatory Industry Standard Certifications:-UL, FCC, BIS Compliance, MIL-STD 810G Passed	-01			
	<ul> <li>including battery</li> <li>Paid Warranty for Extended 2 Years Comprehensive Warranty including battery</li> </ul>				

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	00	02	0.4	not	0.6
<b>01</b> 36	U:fo Long Looming & Entension	03	04	05	06
36.1	Life Long Learning & Extension	01			
30.1	<ul> <li>Communication Skills</li> <li>Listening Skill</li> <li>Vocabulary Module</li> <li>Phonetics trains</li> <li>Conversations</li> <li>Resume Writing</li> <li>Group Discussion</li> <li>Presentation Skills</li> <li>Interviews</li> <li>Oral Reporting</li> <li>Leadership</li> <li>Assertiveness</li> <li>Divergent Thinking</li> <li>Maintaining Relationships</li> <li>Teamwork</li> <li>Negotiation &amp; Conflict management</li> </ul>				
	Decision Marking				
36.2	Desktop Computer with i3 Processor Make- HP/Dell/Lenovo Form Factor: Small Form Factor Chassis: Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal) Chipset:-Commercial Class Intel® Q470 Chipset Processor:-Intel 10 th Generation Core i3 10300 Processor / SMB cache, 4 cores, 8 threads Should Supports Intel® vPro Technology Memory:-8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Graphics:-Intel® UHD Graphics 630 Audio:-Integrated audio controller with internal speaker of atleast 2W Operating System:-Microsoft Windows 10 Professional with OEM Recovery DVD or option of Cloud Recovery Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4, 1 HDMI 1.4, 1 VGA - USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2 Slots:-1 PCI Express v3.0 x1 1 PCI Express v3.0 x16 2 M.2 Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal, 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated real-time detection and prevention of zero-day threats and advanced persistent threat (APT) attacks for Windows applications Manageability:-Out of band Management independent of the operating system state and power	20			

Sr. No.	Name of Item (with Make & Specification)	Qty Reqd.	Rate in Rs. Per Unit	Copy of Valid Authorizati on Certificate attached or	Remark
01	02	02	0.4	not	06
01	state of PC Integrated utility to enables hardware level testing outside the operating system & Drivers should be available on OEM Website for download  • Certifications:-Microsoft Windows 10 FCC,CE, RoHS, UL, EPEAT, Energy Star ISO 9001,14001,20001,27001 for OEM  • Display:-21.5" with Minimum resolution of 1920X1080, with VGA, HDMI, Display Ports, TCO 8.0 Certified with heigh adjustment stand (Same OEM as desktop)  • Standard Warranty:-3 Years onsite  • Standard Warranty:-2 Years onsite	03	04	05	06
36.3	Desktop Computer with is Processor Make- HP/Dell/Lenovo  Form Factor:- Small Form Factor  Chassis:-Tool-less Chassis (Tool-less Hard Drive, Memory & Optical drive Removal)  Chipset:-Commercial Class Intel® Q470 Chipset  Processor:- Intel 10th Generation Core is 10500 Processor/ 12 MB cache, 6 cores, 12 threads Should Supports Intel® vPro Technology  Memory:-4 GB / 8 GB DDR4-2666 Memory expandability up to 64 GB with 2 DIMM Slots  Storage:-1TB 7200RPM HDD / SMART IV ( (Self-Monitoring, Analysis and Reporting Technology) or equivalent Should capable to Support RAID Graphics:-Intel® UHD Graphics 630  Audio:-Integrated audio controller with internal speaker of atleast 2W  Operating System:-DOS Networking:-Integrated Intel Gigabit 10/100/1000 Ethernet Controller Intel® Wi-Fi 6 AX201 802.11ax 2x2 with Bluetooth® M.2 Combo Ports:-Video:- 1 Display Port 1.4,1 HDMI 1.4,1 VGA  USB:-4 USB 2.0, 3 USB 3.2 Gen 1, 2 USB 3.2 Gen 2  Slots:-1 PCI Express v3.0 x1  1 PCI Express v3.0 x16 2 M.2  Integrated 5-in-1 SD card reader, 3 SATA Ports Bays:-2 Internal, 1 Externa bay Keyboard:-USB Wired Keyboard, Mouse:-USB Optical Wired Mouse Power Supply:-180 W with 92% efficiency or better Volume:-No More than 8 L Security:-Hardware based endpoint security controller TPM 2.0 Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated Intrusion Sensor Support for chassis cable lock devices & Support for chassis padlocks devices Drive lock option for HDD to secure Data Integrated protection from malware that lurks on malicious websites Integrated real-time detection and prevention of zero- day threats and advanced persistent threat (APT) attacks for Windows applications  Manageability:-Out of band Management independent of the operating system state and power state of PC Integrated used the operating system state and power state of PC Integrated used the perating system state and power state of PC Integrated used the perating system state and po	01			

Sr.	Name of Item	Qty	Rate in Rs. Per	Copy of	Remark
No.	(with Make & Specification)	Reqd.	Unit	Valid	
				Authorizati	
				on	
				Certificate	
				attached or	
				not	
01	02	03	04	05	06
	with height adjustment stand (Same OEM as desktop)				
	• With Internal Wi-Fi Card				
	Standard Warranty:-3 Years onsite     Paid Warranty for Extended 2 Years				
36.4	Headphone & Mike (Good Quality)	21			
36.5	Microsoft windows server2016 operating system	1			
30.3	OLPNL Academic with min 10 CAL	1			
37	Chemical Technology (Software)				
37.1	Auto CAD Software	30			
	Latest version, Legal, Auto-Cad, Software, applicable				
	on windows 10				
38	Computer Centre				
38.1	ISM Convertor Module	01			
38.2	Network Monitoring Software	01			
39	FabLab				
39.1	Duel-Sided Card Printers,(USB and	01			
	Ethernet)				
	Standard Feature: 300 dpi/11.8 dots per mm print				
	resolution, USB 2.0 and Ethernet 10/100 Connectivity,				
	Microsoft windows certified drivers.				
	Optional Feature: 802.11 b/g wireless connectivity Printing & Laminating specification:				
	Color dye sublimation or monochrome thermal-				
	transfer printing. Single and dual sided printing, Near				
	photographic print quality, edge to edge printing on				
	standard CR-80 media, simultaneous printing, incoding				
	and laminating capability, 1375 cards/hours				
	monochrome single sided or 555 cards/hour dual sided printing.				
	Encoding Option and Specification: Magnetic stripe				
	encoder-AAMVA and ISO 7811 (New and Pre-				
	encoded, tracks 1.2 and 3, high low connectivity				
39.2	Cardpresso ID Card Printing Software	01			
	with XLS,XLSX, CSV Data Connectivity				
	ZMotit SDK support and sample code, Microsoft				
	Windows certified printer drivers with tool box utility features				
	Windows XP (32 Bit), Vista (32&64 Bit),				
	Win 8 and win 8 Pro(32 & 64 Bit)				
		I.	l		
ı	I/We enclose Tender Deposit of Rs	/- vide De	emand Draft/Pav	Order/FDR No.	

•	s/- vide Demand Draft/Pay Order/FDR Nonts Officer, Sant Gadge Baba Amravati University, Amravati.
Name of Firm M/s	VAT Registration
Address	(copy attached)
Pin Code No	
P.No.(O)	
Fax No	
Mobile No	
E-Mail No	
Date :	Signature & Seal of Tenderer