



**The Latur District Central Co-Op. Bank Ltd.,
Latur**

**E- Tender
for
Computer Hardware**

E-Tender Ref: 109 Dated: 30/08/2024.

Last Date for Submission: 13/09/2024

Before: 05.00 p.m.

Invitation for E-Tender offers

The Latur District Central Co. Op. Bank Ltd invites online E-tenders in two-bid format from vendors for Computer Hardware.

Sr. No.	Particulars	Details
1	Project Name	E-Tender for Computer Hardware
2	E-Tender Inviting Bank	The Latur District Central Co-Op Bank Ltd, Latur
3	Availability of RFP Documents	E- Tender documents will be available on https://mahatenders.gov.in/nicgep/app eProcurement portal
4	E-Tender Cost	INR 2,000/- (INR Two Thousand Only) *To be paid on https://mahatenders.gov.in/nicgep/app eProcurement portal.
5	EMD	INR 50,000/- (INR Fifty Thousand Only) *To be paid on https://mahatenders.gov.in/nicgep/app eProcurement portal.
6	Date of Issuance of RFP	30/08/2024 to 13/09/2024 (Office Hours)
7	Last Date for Submission of Pre-Bid Queries	04/09/2024 (By Email)
8	Last Date and Time for Bid submission (on or before)	13/09/2024 till 05:00 PM
9	Mode of Submission of RFP	Online on https://mahatenders.gov.in/nicgep/app eProcurement portal.
10	Technical Bid Opening Date	17/09/2024 at 11:00 AM
11	Commercial Bid Opening Date	19/09/2024 at 11:00 AM
12	Bid validity period	60 days from the last date and time of Submission.
13	Communication Address	All communications, including proposal documents should be addressed to: Managing Director, Latur District Central Co-Op Bank Ltd, Head Office, Tilak Nagar, Main Road, Latur Phone No - 02382-243143 / 7276107779, 97301 00010 Email ID: estate@laturdccb.com

The bank reserves the rights to reject any or all the e-tenders or call off the entire e-tender process without providing any specific reason for the same.

Managing Director,

Latur District Central Co. Op. Bank Ltd, Latur

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1. Introduction Of the Bank

The Latur District Central Co-Op Bank Ltd is a District Central Co-operative Bank is having its Head Office at Latur (hereinafter referred to as "LDCC"). The LDCC Bank has total 123 branches and, Head Office which covers its operations within Latur district.

2. Objective Of the E-Tender

The objective of this E-tender is to select and finalize the bidder for the supply and installation of Computer Hardware. The bidder need to supply the required desktops, printers, servers, NAS storage, and firewall solutions. The successful bidder is expected to meet the delivery and installation requirements at the head office and all branches within the Latur district. It's crucial for bidders to understand the technical specifications and integration of hardware with existing systems, ensuring a seamless implementation post-selection.

3. Basic Instructions To The Bidder

- A.** The Bidder is expected to have read and examined all the instructions, forms, terms and specifications in the E-Tender Document with full understanding of its implications. Failure to furnish all information required in the E-Tender Document or submission of a bid not substantially responsive to the E-Tender Document in every respect will be at the Bidder's risk and may result in outright rejection of the bid.
- B.** The Bidder is advised to strictly adhere to the Annexure provided for that purpose in this document. Any deviation in this matter will lead to the disqualification of the E-Tender.

C. DEFINITIONS

The Bank	Latur District Central Co-operative Bank Limited, Latur.
BIDDER	The prospective Bidder who has received E-Tender Document and intends to offer Computer Hardware mentioned in this Document. Henceforth called as "BIDDER"

D. Procedure / Instructions for Submission of Bid

- 1) Technical and Commercial Bids shall be submitted online on e-tendering platform on or before the due date and time.
- 2) Relevant certificate / documents should be attached as required.

- 3) The Bidder must submit the E-Tender online on e-tendering platform. Documents submitted by courier, hand delivery or by post-delivery or Notwithstanding the above, offers made by email, telex, fax, telephone and / or any other mode shall immediately disqualify the Bidder.

E. Earnest Money Deposit

Bidder is required to pay EMD of Rs. 50,000/- (Rs. Fifty Thousand Only) online along with their offer E-Tender made without EMD will be rejected.

- The EMD deposits are non-interest bearing.
- The EMD may be forfeited if a Bidder withdraws his E-Tender during the period of bill validity.
- EMD of successful Bidder will be considered as security deposit and will be discharged upon completion of the project & furnishing the performance guarantee.
- The EMD of the successful Bidder will be forfeited if he fails to sign the contract on accordance with terms & conditions.

F. Amendment In E-Tender Document

- 1) At any time up to the last date of receipt of Bids, the Bank may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the E-Tender Document by an amendment. All such amendments shall be binding on all the Bidder. The bank shall inform such amendments to all the Bidder only by e-mail on the Provided Email ID by the Bidder.
- 2) To afford prospective Bidder reasonable time to take the amendment into account in preparing their Bids, the Bank may, at its discretion, extend the last date for the receipt of Bids and date of opening the bids which shall be conveyed to all the Bidder only by e-mail on the Provided Email ID by the Bidder.

G. Technical Bid

- 1) The Technical Offer should be completed in all respects and contain all information asked for in the exact format of technical specifications given in the E-Tender, except prices. The technical offer must not contain any price information. The Bank, at its sole discretion, may not evaluate a Technical Offer in case of non-submission or partial submission of technical details. Any decision of The Bank in this regard shall be final, conclusive, and binding upon the Bidder.
- 2) The Technical Bid submitted in response to this E-Tender Document along with the supporting material, will become the property of the Bank.

H. Commercial Bid

- 1) The commercial Bid should contain all relevant price information and should not contradict the Technical Offer in any manner. The Bidder shall indicate the Rates, the Terms of Reference of which are given in the Technical Specifications.
- 2) The Commercial Bid submitted in response to this E-Tender Document along with the supporting material, will become the property of the Bank.

I. Language Of Bids

The Bids prepared by the Bidder and all correspondence and documents relating to the Bids exchanged by the Bidder and the Bank, shall be written in the English Language, provided that any printed literature furnished by the Bidder may be written in another language (Devnagari) so long as it is accompanied by an English version in which case, for purposes of interpretation of the Bid, the English version shall govern.

J. Validity

The Bids shall remain valid for 60 days from the last date of submission. The Bidder may be required to give consent for the extension of the period of validity of the bid beyond initial 60 days, if so desired by the Bank, in writing. Refusal to grant such consent would result in rejection of bid. However, any extension of validity of bids will not entitle the Bidder to revise/modify the bid. The decision of the Bank in this behalf will be final, conclusive, and binding on the Bidder.

K. Eligibility Criteria for Bidder's Qualification

Bidders with minimum 3 years of experience in providing IT hardware are eligible to participate in the E-tender.

Sr. No.	Pre-Qualification Requirement	Supporting Document	Compliance (YES/NO)
1	The Vendor must have average annual turnover of more than Rs. 3 crore & profit making for last three years.	Copies of the Audited Balance sheet along with the statutory auditor's report/CA certificate of the relevant financial years.	
2	The Vendor should have minimum three years of experience in providing IT hardware and at least one such contract with Banking Segment.	Relevant Work Orders and copy of contracts.	
3	The Vendor must submit MAF for respective manufactures and partnership certificates.	Tender Specific MAF from the OEM & Partnership Letter.	
4	The bidder should have handled the installation of the desktops, Printers, Servers, Storage and Firewall successfully for at least 2 Banks.	Relevant Work Orders and copy of contracts.	

5	The product should be from the top Three OEM Computer & Server Brands by IDC or Gartner report.	The latest IDC report is to be submitted.	
6	OEM Document required for Desktops as per Annexure III: Technical Specifications for Computer Hardware.	Bidder must provide documents regarding the Desktops on OEM Letter Head.	
7	In compliance with the requirements of Annexure IV, bidders are expected to furnish comprehensive details of the products they are quoting. This includes the brand name, model number, and a detailed specification of each product.	Product details which includes the brand name, model number, and a detailed specification of each product as per Annexure IV.	
8	The Bidder should not be a blacklisted by RBI, NABARD, Any Bank or Any Government department.	Letter of self-declaration to be provided by authorized signatory of the bidder firm.	

To meet the eligibility criteria, bidders are required to submit a comprehensive compliance document. This document should detail how the bidder's proposal meets the specified requirements, accompanied by relevant attachments that support the claims made within the document. It is crucial that the compliance document is clear, organized, and thorough, as it will be a key factor in the evaluation process. The attachments should be labelled and referenced accurately in the compliance document to ensure a smooth review by the evaluating committee.

During the technical assessment phase, proposals from bidders who do not meet the above eligibility criteria will be disqualified. The Bank reserves the right to relax or enhance the eligibility criteria depending on merits and may accept / reject any or all of the offers without assigning any reason whatsoever.

L. Purchase Order

The procurement process outlined in the RFP allows the bank to exercise flexibility in selecting computer hardware. This approach ensures that the bank can adapt to changing requirements, whether that means adjusting the quantity of items or choosing different products altogether. The competitive bidding process, culminating in negotiations, aims to secure the most cost-effective solution. The bidder who offers the lowest rates without compromising on quality will be granted the purchase order, in accordance with the stipulated terms and conditions.

Bank is set to acquire a total of 235 desktop computers. The procurement will include either i5 or i3 processor-based desktops, or a combination of both, depending on the bank's requirements and budget considerations. The decision between i5 and i3 will be made to ensure a balance between performance and cost-effectiveness, aligning with the bank's technological upgrade plan.

M. Non-transferable E-Tender

This e-tender document is not transferable. Only the Bidder, who has purchased this e-tender document, is entitled to quote.

N. Opening of Offers by Latur District Central Co. Op. Bank Ltd

The technical bid will be initiated through an online process, followed by the opening of the commercial bid for qualified bidders. Proposals that are incomplete or fail to satisfy the mandatory criteria will be considered non-responsive and, consequently, will be disqualified.

O. Location of Services

This e-tender is being floated by the at the Head office and of Latur District Central Co. Op. Bank Ltd. The Bidder must provide computer hardware at the Head Office and provide maintenance services during warranty period. Bank will place the order in phase wise manner.

P. Costs & Currency

The offer must be made in Indian Rupees only, including the following:

1. Rates for computer hardware as per annexure I & II.
2. Cost of delivery at respective branches if any must be inclusive.
3. Cost of installation and configuration must be inclusive.
4. Taxes extra as applicable.

Q. Fixed Price

The commercial offer shall be on a fixed price basis exclusive of all taxes, levies.

R. Rate Contract

Latur District Central Co. Op. Bank Ltd reserves the right to place order with the selected Bidder for computer hardware as per rate contract for one year. The proposed rates must be valid for at least one year.

S. Bank's Right to Reject Any/All Bids

1. The Bank reserves the right to accept or reject any bid in part/full or annul the bidding process and reject all bids at any time prior to award of contract without assigning any reason, without thereby incurring any liability to the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the ground for its action. Any decision of the Bank in this regard shall be final, conclusive and binding on the Bidder.
2. The Bank reserves the right to re-issue the E-Tender and or any part thereof without assigning any reason whatsoever, at the sole discretion of the Bank. Any decision in this regard shall be final, conclusive and binding on the Bidder.

3. The Bank reserves the right to give minor deviations to any / all the Bidder in the techno-commercial specifications of bid. Any decision of the Bank in this regard shall be final and shall be binding on the Bidder.
4. The Bank reserves the right to issue a Work Order in phases or to alter the quantities specified in the offer. The Bank also reserves the right to delete one or more items from the list of items specified in the offer. Any decision of the Bank in this regard shall be final, conclusive and binding on the Bidder.

T. Bid Evaluation Process

1. The Bank may, at its sole discretion, decide to seek more information from the bidder to normalize the bids. However, the bidder will be notified separately, if such normalization exercise as part of the technical evaluation is carried out.
2. To enable the technical evaluation, each bidder is required to furnish the details as per all attached Annexure.
3. The Bank reserves the right to contact any bidder, Client/Bank for clarification or information submitted, to contact current and past customers of the Bidder and to use other sources of obtaining information regarding the bidder, which may be deemed appropriate and would assist in the evaluation.
4. Bank is set to acquire a total of 235 desktop computers. The procurement will include either i5 or i3 processor-based desktops, or a combination of both, depending on the bank's requirements and budget considerations. The decision between i5 and i3 will be made to ensure a balance between performance and cost-effectiveness, aligning with the bank's technological upgrade plan.
5. The Bank reserves the right to modify the requirements as necessary, which may include altering the quantity of items or selecting alternative products. Additionally, the Bank will convene a negotiation meeting with bidders and will award the contract to the bidder offering the lowest rates, provided that there is no alteration to the technical specifications of the order.
6. In addition, Bank reserves the right to negotiate any point in the proposal or the subsequent contract with the bidder. Bidder is requested to provide any relevant information about additional features or services that they have included which they believe makes their products and / or service the best choice for Bank.

U. General Terms and Conditions of the E-Tender

1. Proposals should follow the format established in this document.
2. Any clarifications/information required should be submitted by email at least 3-days prior to due date so that response shall be provided to all the bidders.
3. E-Tender documents are not transferable.
4. As part of this solution and offering, vendors must supply and install the Computer Hardware.
5. Proposals must in organized, structured, and indexed manner. Brochures / leaflets and other

documents with index, if not organized in index manner and documents not found at the time of e - tender scrutiny, bank will reject the e - tender. No communication in this regard will be entertained.

6. The vendors must identify by name, title, and telephone number, the person(s) in their organization to whom the Bank can address questions during the evaluation of proposals.
7. The proposal should be complete in all respects and contain all information asked for, along with all the technical/product details. The Proposal should include all items asked for in the attached Annexure.

4. Terms of Conditions of the Work Order:

1. Technical Inspection and Performance Evaluation

The Latur District Central Co. Op. Bank Ltd reserves its right to carry out a technical inspection and performance evaluation (benchmarking) of the IT hardware provided by short-listed vendors through its technical consultant.

2. Payment Terms

- 50 % on supply of computer hardware.
- 40 % on delivery at respective branches.
- 10 % on successful installation of computer hardware.

3. Delivery, Installation and Commissioning

The Vendor shall be responsible for delivery and installation of the IT hardware ordered at the Head Office and for making them fully operational at no additional charge within 4 weeks of receiving the purchase order.

Desired Specifications of the Computer Hardware is given in the Annexure III. The bidder should offer the model of the Computer Hardware which is having technical specifications at least matching with the desired specifications in Annexure III or higher.

Supply, installation, commissioning and onsite support of brand new Computer Hardware and other peripherals at the locations specified in the purchase order. Bidder should ensure that delivered computer hardware are brand new and not refurbished machines. If it is observed in the future that delivered machines are refurbished machines then bidder should replace such machines with new ones.

Commissioning of Computer Hardware includes delivery at the Head Office, installation of all its functionalities, configuration etc. and making hardware ready for operations.

Bidder shall provide operational and administrative onsite training to the concerned branch staff / custodians at no extra cost.

Bidder shall provide onsite comprehensive warranty with complete coverage of spare parts replacement. Bidder having 24*7 help desk facility (phone, email, web-portal) will get added advantage during selection process.

Bidder shall inform Latur DCC Bank the name, address, telephone no., mobile number etc. of their official who will be responsible to act as a single point of contact to the officials of Latur DCC Bank for all activities relating to support services.

If the vendor fails to deliver and / or install all the equipment ordered within the stipulated time schedule or by the date extended by Latur District Central Co. Op. Bank Ltd, it will be a breach of contract. In the event of Latur District Central Co. Op. Bank Ltd agreeing to extend the date of delivery the vendor will have to supply the Hardware and software within extended period. Failure to do so will be treated as breach of contract. In such an event the vendor will become liable to pay penalty charge for the delay to Latur District Central Co. Op. Bank Ltd.

4. Acceptance Tests

At the discretion of Latur District Central Co. Op. Bank Ltd, there will be an acceptance test conducted by the vendor in presence of Latur District Central Co. Op. Bank Ltd officials and technical consultant. This acceptance test may be performed within 3 months after installation of hardware and software.

There shall not be any additional charges payable by Latur District Central Co. Op. Bank Ltd for carrying out this acceptance test. Latur District Central Co. Op. Bank Ltd will take over the system on successful completion of the above acceptance test.

5. Completeness of Installation

The installation will be deemed as incomplete if (found in above said Acceptance Test that) any component of the hardware or any documentation / media is not delivered or is delivered but not installed and /or not operational or not acceptable to Latur District Central Co. Op. Bank Ltd.

In such an event, the supply & installation will be termed as incomplete and it will not be accepted and warranty period will not commence.

6. Warranty and AMC

The offer must include comprehensive onsite warranty as per Annexure III for the hardware from the date of installation of the system at Latur District Central Co. Op. Bank Ltd.

Vendor shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship of all equipment, accessories etc. covered in the quotations. Vendor must warrant all equipment, accessories, spare parts etc. against any manufacturing defects during the warranty period. During the warranty period, vendor shall maintain the systems and repair / replace at the installed site all defective components, at no charge to Latur District Central Co. Op. Bank Ltd.

Warranty should not become void if Latur District Central Co. Op. Bank Ltd buys any other supplemental spares from a third party and installs it within these machines in the presence of

the representative of the vendor. However, the warranty will not apply to such third-party hardware items installed by Latur District Central Co. Op. Bank Ltd.

7. Penalty For Delay

For any delay in installation of the hardware and software, Latur District Central Co. Op. Bank Ltd will charge penalty @ 0.25% of the order value per week or part thereof, subject to a maximum of 5%.

With Regards,

**The Managing Director,
The Latur District Central Co. Op. Bank Ltd,
Latur**

7. Annexure I: Bid Covering Letter

To:
Managing Director,
Latur District Central Co-operative Bank Ltd,
Latur.

Dear Sir,

We, the undersigned, offer to provide the Computer Hardware as per Bank's requirement. We are fully aware with e-tender conditions mentioned in this E-Tender document, in accordance with your e-tender dated_____. We are hereby submitting our proposal, which includes this Technical Bid and a Commercial Bid sealed under a separate envelope.

We hereby declare that we have read the instructions/conditions mentioned in this E-Tender document and included in the E-Tender document and abide by the same. We declare that we are binding on process mentioned in the e-tender document and the decisions made by "Latur District Central Co-op. Bank Ltd."

We hereby declare that all the information and statements made in this proposal are true and accept that any misleading information contained in it may lead to our disqualification. We confirm that all personnel and/or details named in the E-Tender will be available to undertake the services.

We undertake, if our proposal is accepted, to initiate the services related to the assignment immediately on signing of contract.

We understand you are not bound to accept any e-tender and proposal you receive.

Thanking you,

Yours faithfully,

(Signature/s)

Date:

Seal

Place:

Name:

Designation:

8. Annexure II: Details of the Bidder

SR. NO	PARTICULARS	RESPONSE
	DETAILS OF THE BIDDER	
1	Name of Bidder	
2	Bidder Head Office and registered office address	
3	Telephone numbers & Emails	
4	Date of incorporation (Please enclose Bidder Registration Certificate)	
5	Ownership structure (e.g. Proprietorship, Partnership, Pvt. / Pub Ltd Bidder)	
6	Bidder GST registration number (Please enclose supporting document.)	
7	Bidder PAN & TIN number. (Please enclose supporting document.)	
8	Please enclose Partnership / Dealership Certificates for proposed Hardware and Systems Software.	
9	List of Support Centres with addresses and phone numbers	

9. Annexure III: Technical Specifications for Computer Hardware

Desktops Core i5:

S. No.	Parameter	Specifications
1	Processor Make	Intel
2	Processor Generation	13th Gen or higher
3	Processor Name	Intel Core i5 13420H, 2.1 GHz 8 core or higher
4	Chipset	Intel® B series or higher
5	Graphics Type	Integrated Intel® UHD Graphics 730
6	Operating System (Pre-Loaded)	Windows 11 Prof. (64 bit) Latest Preloaded.
7	MS Office	Office Home and Business 2021 English APAC EM Medialess
8	Storage	1 TB M.2 PCIe Gen4 TCL Opal SSD
9	Hard Disk Drive (optional)	Up to 1TB M.2 PCIe Gen 4 SSD 2TB 8.89cms (3.5) HDD Optional: HHD & SSD hybrid
10	Toolless chassis with Chassis intrusion switch	Yes
11	RAM Type	UDIMM DDR4 or higher
12	RAM Speed	3200 MHz
13	RAM Size	16 GB 3200 MHz
14	RAM Expandability	64 GB
15	Cabinet	Tower, SFF
16	Cabinet Volume	10 - 15 L
17	Network Connectivity	1 onboard Gigabit ethernet port - 10/100/1000 & WiFi 6 (802.11AX)
18	Expansions Ports / Slots	Front: USB-C 3.2 Gen 1, 2 x USB-C 3.2 Gen 1, 2 x USB-A 3.2 Gen 2, Headphone / mic combo, Mic, Rear: 4 x USB-A 2.0, VGA/DP 1.4b/HDMI 1.4b, Serial, RJ45, Audio out, Optional: 2 x PS2, Optional: Parallel, PCIe x 16 Gen 4, 2 x PCIe x1, M.2 WiFi, M.2 PCIe SSD Gen4
19	Green Certifications	Global - Energy Star®, EPEAT® choice of Gold/Silver or both, TCO certified, RoHS, Ultra-low noise
20	Diagnostic tool	Inbuilt pre boot bios diagnostics
21	Keyboard	USB 104 Keys (Same Make as OEM)
22	Mouse	USB 2 button scroll mouse (Same Make as OEM)
23	Internal Speakers	NA
24	Power Supply	180W or below
25	Power Efficiency	90% or above
26	Energy Star for the given Model	6.0 or higher
27	Warranty	3 Years onsite Warranty by OEM.
28	Manageability tool	OEM manageability tool to configure, monitor, update patches

29	Online call logging	OEM online tool (Tech Direct) to log a technical call and get parts dispatched
30	Security	Discrete Trusted Platform Module (dTPM) 2.0, Self-healing BIOS, Smart USB Protection, Certificate-based BIOS authentication, Common Secure Wipe, BIOS Password (PAP, POP, HDD), Chassis intrusion detection, Bios event log, Secured cloud boot (HTTPS boot), Smart cable clip, Kensington lock slot, Padlock loop
31	TPM	Hardware TPM 2.0
32	Chassis	Tool-less Chassis with Intrusion detection.
33	Monitor	21.5-inch, FHD, 1920 x 1080, 60 Hz, Anti-glare, WLED, Non-touch IPS Display with Hight adjustable feature & Contrast Ratio- 1000: 1, Ports & Connectors- 1*DisplayPort version 1.2, 1 x HDMI port version 1.4, 1 x VGA port, 1 x USB 3.0 upstream port (bottom), 2 x USB 3.0 downstream ports (side), 2 x USB 2.0 downstream ports (bottom) USB 3.0 super-speed hub (with 1 x USB 3.0 upstream port), 2 x USB 3.0 downstream ports, 2 x USB 2.0 downstream ports.
34	OEM Certifications	OEM Ink Sign MAF required, OEM should be out of Top 3 IDC brand form last 2 Quarters, Trusted Platform 2.0 enable, Global Certification - TCO for desktop and monitor, ENERGY STAR Certificate required, UL certificate for desktop.
35	Installation & Configuration support	Unboxing, Power- On, table mounting, Installation of OS- Configuration, Partitions, Transfer the old Data, Installation of all Necessary & Supplied software's. Call Locking process in warranty period, Handling Software calls. Bidder has to ensure that One dedicated engineer should be provide till warranty period to support the supplied machines for the above all task.

Desktop Core i3:

Sr. No.	Parameter	Specifications
1	Processor Make	Intel
2	Processor Generation	13th Gen or higher
3	Processor Name	Intel Core i3 13100, 3.4GHz 4 core, 8T or higher
4	Chipset	Intel® B series or higher
5	Graphics Type	Integrated Intel HD 750
6	Operating System (Pre-Loaded)	Windows 11 Prof. (64 bit) Latest, Preloaded
7	MS Office	Office Home and Business 2021 English APAC EM Medialess
8	Storage	512GB M.2 PCIe Gen4 TCL Opal SSD
9	Hard Disk Drive (optional)	Up to 1TB M.2 PCIe Gen4 SSD 2TB 8.89cms(3.5) HDD Optional: HDD & SSD hybrid
10	Toolless chassis with Chassis intrusion switch	Yes
11	RAM Type	UDIMM DDR4 or higher
12	RAM Speed	3200MHz
13	RAM Size	16 GB 3200 MHz
14	RAM Expandability	64 GB
15	Cabinet	Tower, SFF

16	Cabinet Volume	10 - 15 L
17	Network Connectivity	1 onboard Gigabit ethernet port - 10/100/1000 & WiFi 6 (802.11AX)
18	Expansions Ports / Slots	Front: USB-C 3.2 Gen 1, 2 x USB-C 3.2 Gen 1, 2 x USB-A 3.2 Gen 2, Headphone / mic combo, Mic, Rear: 4 x USB-A 2.0, VGA/DP 1.4b/HDMI 1.4b, Serial, RJ45, Audio out, Optional: 2 x PS2, Optional: Parallel, PCIe x 16 Gen 4, 2 x PCIe x1, M.2 WiFi, M.2 PCIe SSD Gen4
19	Green Certifications	Global - Energy Star®, EPEAT® choice of Gold/Silver or both, TCO certified, RoHS, Ultra-low noise
20	Diagnostic tool	Inbuilt pre boot bios diagnostics
21	Keyboard	USB 104 Keys (Same Make as OEM)
22	Mouse	USB 2 button scroll mouse (Same Make as OEM)
23	Internal Speakers	NA
24	Power Supply	180W or below
25	Power Efficiency	90% or above
26	Energy Star for the given Model	6.0 or higher
27	Warranty	3 Years onsite Warranty by OEM.
28	Manageability tool	OEM manageability tool to configure, monitor, update patches
29	Online call logging	OEM online tool (Tech Direct) to log a technical call and get parts dispatched
30	Security	Discrete Trusted Platform Module (dTPM) 2.0, Self-healing BIOS, Smart USB Protection, Certificate-based BIOS authentication, Common Secure Wipe, BIOS Password (PAP, POP, HDD), Chassis intrusion detection, Bios event log, Secured cloud boot (HTTPS boot), Smart cable clip, Kensington lock slot, Padlock loop
31	TPM	Hardware TPM 2.0
32	Chassis	Tool-less Chassis with Intrusion detection.
33	Monitor	19.5-inch, FHD, 1920 x 1080, 60 Hz, Anti-glare, WLED, Non-touch IPS Display with Hight adjustable feature & Contrast Ratio- 1000: 1, Ports & Connectors- 1*DisplayPort version 1.2, 1 x HDMI port version 1.4, 1 x VGA port, 1 x USB 3.0 upstream port (bottom), 2 x USB 3.0 downstream ports (side), 2 x USB 2.0 downstream ports (bottom) USB 3.0 super-speed hub (with 1 x USB 3.0 upstream port), 2 x USB 3.0 downstream ports, 2 x USB 2.0 downstream ports.
34	OEM Certifications	OEM Ink Sign MAF required, OEM should be out of Top 3 IDC brand form last 2 Quarters, Trusted Platform 2.0 enable, Global Certification - TCO for desktop and monitor, ENERGY STAR Certificate required, UL certificate for desktop.
35	Installation & Configuration support	Unboxing, Power- On, table mounting, Installation of OS- Configuration, Partitions, Transfer the old Data, Installation of all Necessary & Supplied software's. Call Locking process in warranty period, Handling Software calls. Bidder has to ensure that One dedicated engineer should be provide till warranty period to support the supplied machines for the above all task.

Bidder must provide following documents regarding the Desktops on OEM Letter Head (compulsory)

1. Genuine MAF to be submitted as MAF issuance confirmation will be taken from respective OEM.
2. SMPS efficiency is 89- 90% or higher
3. Service Centre List
4. IDC Report for top 3 Brands (OEM should be in top 3 as per the latest Gartner/ IDC report)
5. EPEAT Gold Certification
6. Energy Star certification
7. FCC Certification 8. CE Certification
8. RoHS Certification
9. UL Certification
10. ISO 9001,14001,20001,27001 Certificates
11. Monitor, Keyboard, Mouse and CPU all are required of Same OEM.
12. Product should be min class II category (Local Content should be min 20-21%)
13. OEM should be submitting the declaration - the quoted product should not be out of support till next 7 years.
14. Monitor should be TCO 8 or higher certified.

Applications Server:

Item	Description	Qty
<p>Applications Server</p>	<p>Processor: Intel Xeon Bronze 3204 1.92G, 6C/6T, 9.6GT/s, 8.25M Cache, No Turbo, No HT (85W) or Higher</p> <p>Memory: 64GB (2 x 32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit</p> <p>Maximum Memory expansion: 512 GB with 32/64 GB DDR4 DIMM (24 DIMM slots) Advanced ECC Memory Online Spare Mode Memory Lock Step Model</p> <p>HDD: 3* 480 GB SATA RI SFF SC MV SSD RADI 5 (Hardware Raid)</p> <p>Server chassis & Bay - 12LFF 2U Rack x1 Tri-Mode 24G U.3 BC Front Drive Cage Kit</p> <p>Graphics Card: integrated/ NA</p> <p>OS: Windows Server 2022 std (OEM ROK)</p> <p>USB keyboard & mouse</p> <p>Network controller: Ethernet 1Gb 4-port + 10Gb 2-port BASE-T Adapter</p> <p>RAID Support – Storage interface (SATA)</p> <ul style="list-style-type: none"> • RAID 0, 1, 5, and 10 • UEFI System Utilities (storage configuration) • Seamless upgrades to Smart Array controllers <p>Slots - Six USB ports, 2U rack conversion, and power supply</p> <p>Expansion Slots - 8 slots (x16, x8, x16, x8, x16, x8, x16, x8)</p> <p>Fans - Standard 2 fans, none-hot-plug. Optional 4 additional fans, hot-plug and N+1 redundancy</p> <p>Power Supply: 2 x 800 W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit</p> <p>Warranty: 3 year onsite warranty.</p>	<p>01</p>

Database Server:

Item	Description	Qty
Database Server	<p>Processor: Intel Xeon Bronze 3204 1.92G, 6C/6T, 9.6GT/s, 8.25M Cache, No Turbo, No HT (85W) or Higher</p> <p>Memory: 64GB (2 x 32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit</p> <p>Maximum Memory expansion : 512 GB with 32/64 GB DDR4 DIMM (24 DIMM slots)</p> <p>Advanced ECC Memory Online Spare Mode Memory Lock Step Model</p> <p>HDD: 3* 480 GB SATA RI SFF SC MV SSD RADI 5 (Hardware Raid)</p> <p>Server chassis & Bay - 2U 12LFF 2U Rack x1 Tri-Mode 24G U.3 BC Front Drive Cage Kit</p> <p>Graphics Card: integrated/ NA</p> <p>OS: Windows Server 2022 std (OEM ROK) + MS SQL Server 2022 Standard</p> <p>USB keyboard & mouse</p> <p>Network controller: Ethernet 1Gb 4-port + 10Gb 2-port BASE-T Adapter</p> <p>RAID Support – Storage interface (SATA)</p> <ul style="list-style-type: none"> • RAID 0, 1, 5, and 10 • UEFI System Utilities (storage configuration) • Seamless upgrades to Smart Array controllers <p>Slots - Six USB ports, 2U rack conversion, and power supply</p> <p>Expansion Slots - 8 slots (x16, x8, x16, x8, x16, x8, x16, x8)</p> <p>Fans - Standard 2 fans, none-hot-plug. Optional 4 additional fans, hot-plug and N+1 redundancy</p> <p>Power Supply: 2 x 800 W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit</p> <p>Warranty: 3 Year Onsite warranty with Keep your HDD.</p>	01

Enterprise NAS storage

Part No	Description	Qty
	Enterprise NAS storage	
Processor	1 x Intel® Xeon-Bronze - 3204 (1.9GHz/6-core/85W) Processor; 2nd processor optional	
Memory	16GB (16GB X 1) Dual Rank x8 DDR4-2933 CAS-21-21-21 Registered Smart Memory, scalable up to additional 23 memory DIMMs with additional 2nd processor	
Storage Controllers	(16 Internal Lanes/4GB Cache/Smart Cache) 12G SAS Modular Controller (for data drives); HPE Smart Array S100i SR Gen10 SW RAID (for mirrored OS drives only)	
Internal Drive Support	12 x LFF (3.5") hot-plug front drive bays standard; 4 x LFF hot-plug mid-chassis drive cage optional	
Network Ports Standard	4 x 1GbE	1
Network Adapter	Ethernet 1Gb 4-port 366FLR Flex LOM Adapter; PCIe NIC(s) optional	
Expansion Slots	3 x PCIe; 3-slot secondary riser optional	
Power	2 x 800W Platinum hot-plug redundant	
Cooling	6 hot-plug, high-performance redundant fans	
Form Factor	2U rackmount	
Security	2U lockable security bezel; Trusted Platform Module 2.0 optional	
Additional Licenses	Advanced Premium Security Edition License with 1yr Support on Licensed Features	
Operating System	Microsoft® Windows Server IoT 2019 for Storage Standard Edition with Management Console, it is pre-installed on mirrored solid-state drives 2*480 GB SATA SSD	
HDD SAS Storage	16TB SAS 7.2K HDD	3
NIC card	10GB 2P- BASE-T	1
Warranty	3 Years onsite	1
Backup Application	For auto / scheduling incremental backup from application & database server to NAS storage - Backup & Replication Enterprise solutions for up to 5 Physical Servers - Perpetual License with 1 yrs support	1
(Perpatual Lic.)	For auto / sheduling incremental backup from all 100+ desktops (HO) to NAS storage. - Backup & Replication Enterprise solutions for up to 5 Physical Workstations - Perpetual License with 1 yrs support.	20

<p>Features -</p>	<ul style="list-style-type: none"> • VM Backup: Image-based, agentless backup for VMware vSphere, Microsoft Hyper-V, and Nutanix AHV VMs. • Microsoft 365 Backup: Incremental backup for Exchange Online (including In-Place Archive Mailbox, Litigation Hold and In-Place Hold), Microsoft Teams, OneDrive for Business and SharePoint Online data. • File Share Backup: Backup for network shares over SMB/NFS hosted on NAS devices as well as Windows and Linux machines • Air-Gapped Backups: Keep backups and backup copies offline (tape, detachable NAS, USB drives, etc.) for ultimate ransomware protection. • Backups in the Cloud: Make backups stored in public clouds (Amazon S3, Azure Blob, Backblaze B2, Wasabi) and other S3-compatible storage platforms immutable to protect them from ransomware and accidental changes. • Deduplication Appliance Integration: Back up to devices deduplication appliances such as HPE StoreOnce, Dell EMC Data Domain, and NEC HYDRAsstor with support for native deduplication protocols. 	
<p>Ransomware Protection for Cyber Resilience</p>	<ul style="list-style-type: none"> • Air-Gapped Backups: Keep backups and backup copies offline (tape, detachable NAS, USB drives, etc.) for ultimate ransomware protection. • Backups in the Cloud: Make backups stored in public clouds (Amazon S3, Azure Blob, Backblaze B2, Wasabi) and other S3-compatible storage platforms immutable to protect them from ransomware and accidental changes. • Local Ransomware-Proof Repository: Enable immutability for backups and backup copies sent to Linux-based local repositories. • Backup Malware Scan: Scan backup data for signs of malware or ransomware infection and ensure it can be safely used for recovery. 	
<p>Performance</p>	<p>Boost backup, replication, and recovery speeds by up to 2 times and reduce network load by as much as 50%.</p> <ul style="list-style-type: none"> • Native Change Tracking: Native change tracking technologies (VMware CBT, Hyper-V RCT, Nutanix AHV CRT, Microsoft 365 delta query) to identify changes without reading the full source data and create faster incremental backups. • LAN-Free Data Transfer: HotAdd or Direct SAN Access modes to increase data transfer speeds and offload production networks. • Network Acceleration: Increase performance in busy LAN and WAN environments with built-in network acceleration. • Bandwidth Throttling: Limit the speed of backup data transfers by configuring global or per-job bandwidth rules, especially during working hours. 	

<p>Instant Recovery for Operational Efficiency</p>	<p>Instant VM Recovery: Boot VMware vSphere and Microsoft Hyper-V VMs directly from backups; migrate booted VMs to production if needed.</p> <p>Microsoft 365 Recovery: Instantly recover Exchange Online, OneDrive for Business, SharePoint Online, and Microsoft Teams items to the original or a different account.</p> <p>Bare Metal Recovery: Restore entire physical machines from backups to the same or other identical hardware without having to reinstall the OS or reconfigure the settings.</p> <p>Instant Physical to Virtual (P2V): Instantly recover physical machines from backups as VMware vSphere VMs.</p> <p>File Share Recovery: Recover entire SMB/NFS file shares and specific files/folders to a custom location, send via email, or download to a browser.</p> <p>Direct Recovery from Tape: Restore full VMs, instances and physical machines as VMs directly from backups stored on tape media without a staging repository.</p> <p>Instant Object Recovery: Instantly recover Microsoft Exchange Server, Active Directory and SQL Server objects to the original location or to a custom location (local folder or SMB share).</p> <p>Universal Object Recovery: Recover individual objects by choosing a recovery point and mounting VM disks from the backup directly to another machine.</p> <p>Cross-Platform Recovery: Export VM disks across platforms to recover VMware VMs to a Hyper-V environment and vice versa and recover physical machines as virtual machines.</p>	
<p>Disaster Recovery for the Shortest RTOs and RPOs</p>	<p>Real-Time ReplicationBETA for VMware: Update VMware VM replicas continuously as changes are being made to the source VM with RPOs as low as 1 second.</p> <p>VM Replication: Create and maintain VMware vSphere replicas and Microsoft Hyper-V VM replicas, which are identical copies of source VMs.</p> <p>EC2 Instance Replication: Create and maintain Amazon EC2 instance replicas, which are identical copies of your source instances.</p> <p>Replication from Backup: Create VM and instance replicas directly from backups to reduce the load on the source host, free up valuable resources, and save time.</p> <p>Site Recovery: Disaster recovery orchestration of automated workflows. Perform scheduled non-disruptive recovery testing, planned failover, emergency failover, failback, and datacenter migration with one click.</p> <p>Replica Verification: Instantly verify VMware vSphere and Microsoft Hyper-V VM replicas; get a report with screenshots of test-recovered machines.</p> <p>Application Support: Application-aware replication for replica data consistency in applications and databases, such as Microsoft Exchange Server, Active Directory, and SQL Server.</p>	

Firewall:

Parameter	Values
Firewall Throughput (1518/512/64 byte UDP)	10 / 10 / 7 Gbps
IPsec VPN Throughput (512 byte) 1	6.5 Gbps
IPS Throughput (Enterprise Mix) 2	1.4 Gbps
NGFW Throughput (Enterprise Mix) 2, 4	1 Gbps
Threat Protection Throughput (Ent. Mix) 2, 5	900 Mbps
Firewall Latency	3.23 μ s
Concurrent Sessions	1.5 Million
New Sessions/Sec	45000
Firewall Policies	5000
Max G/W to G/W IPSEC Tunnels	200
Max Client to G/W IPSEC Tunnels	2.5
SSL VPN Throughput	950 Mbps
Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode)	200
SSL Inspection Throughput (IPS, avg. HTTPS) 3	715 Mbps
Application Control Throughput (HTTP 64K) 2	1.8 Gbps
Virtual Domains (Default/Max)	10 / 10
Interfaces	8x GE RJ45, 2x Shared Port Pairs
Local Storage	128 GB
Power Supplies	Single AC PS, dual inputs
Form Factor	Desktop/ Rack mount
Variants	WiFi, 3G4G, DSL, Bypass, Storage
Warranty Support & Subscription (Lic)	3 years onsite

Printers:

Parameter	Value
Print Technology	Laser
Type of Machine	Multifunction Machine
Type of Printing	Mono
Cartridge Technology	Composite Cartridge
Platen/Flatbed Size	A4
Paper Size (Original/Image)	A4/A4
RAM size (MB)	512 MB or higher
Hard Disk Capacity(GB)0	0
Minimum Speed per Minute as per ISO/IEC 24734 in A4 Size-Mono	33
Scanning Feature Availability	Yes
Duplexing Feature Availability	Yes
Faxing Feature Availability	Yes
Networking Feature Availability	Yes
Wi-Fi Availability	Yes
Original Document Feeder Type	ADF
Number of Main Paper Tray	1
Bypass Facility	No
On Site OEM Warranty (Year)	Three Year

10. Annexure IV: Commercial Offer Format for Computer Hardware

Sr. No.	Particulars	Unit Rate	Qty	Total Amount
1	Desktop (Core i5) Core i5, RAM 16 GB, SSD 1TB, Windows 11 Prof. (64 bit), MS Office Home and Business 2021 Genuine Lic, 3 Years Warranty		235	
2	Desktop Computer (Core i3) Core i3, RAM 16 GB, SSD 512 GB, Windows 11 Prof. (64 bit), MS Office Home and Business 2021 Genuine Lic, 3 Years Warranty		235	
3	Application Server Intel Xeon Bronze 3204(1.9GHz/6-core/85W), 64GB, HDD: 3* 480 GB, Windows Server 2022 std (OEM ROK), 3 Years Warranty		1	
4	Database Server Intel Xeon Bronze 3204 (1.9GHz/6-core/85W), 64GB, HDD: 3* 480 GB, Windows Server 2022 std (OEM ROK) + MS SQL Server 2022 Standard, H/W- 3 Years Warranty		1	
5	Enterprise NAS Storage 1 x Intel® Xeon-Bronze - 3204 (1.9GHz/6-core/85W) Processor, RAM: 16GB, HDD: 16TB SAS 7.2K, Microsoft® Windows Server IoT 2019, H/W 3 Years Warranty		1	
6	Firewall Firewall Throughput (1518/512/64-byte UDP): 10 / 10 / 7 Gbps, IPsec VPN Throughput (512 byte) 1: 6.5 Gbps, IPS Throughput (Enterprise Mix) 2: 1.4 Gbps, NGFW Throughput (Enterprise Mix) 2, 4: 1 Gbps, 3 Years Warranty		1	
7	Laser Printer Multifunction Machine, Mono, Minimum Speed per Minute 33 Pages, Composite Cartridge, A4 Size, RAM 512 MB or higher, 3 Year Warranty		125	
	Total Amount in INR			

Terms and Conditions:

1	Delivery & Installation	The Bidder must deliver the desktops at Head Office, install & configure the same as per CBS software requirements, as per Bank's instructions then deliver it at the respective branches with proper tagging.
2	Timeline	The timeline for completion of the project shall be 8 weeks.
3	Support	Bidder will be responsible for asset tagging, managing and call logging to OEM. Bidder will be responsible for installation, configuration, updates and upgrades for operating systems.
4	Warranty	Comprehensive onsite warranty with required support. The bidder will be sole responsible for the hardware failure and support in warranty period. The services will be provided by the bidder exclusively at par with the OEM.
5	Taxes	Extra as applicable at the time of billing.
6	Rates	All the rates quoted are including licenses, onsite warranty, and support etc.

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