



## Procurement of Servers, OS, Server Rack and Network Switch

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### REQUEST FOR PROPOSAL (RFP)

(30 September 2020)

RFP: ReBIT/2020 / CPO / 013

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## 1. About ReBIT

ReBIT has been set up by the Reserve Bank of India (RBI), to take care of the IT requirements, including the cyber security needs of the Reserve Bank and its regulated entities. ReBIT will act as a catalyst for innovation, big systems and new ideas apart from having the capability to guide the regulated entities in the IT areas of their operations as also for the RBI's IT related functions and initiatives. Given the need for inter-operability and cross-institutional cooperation, ReBIT will effectively participate in setting up of standards to strengthen Reserve Bank's role as regulator.

## 2. Disclaimer & Disclosures

Reserve Bank Information Technology Private Limited (ReBIT), Mumbai, has prepared this document to procure Servers, Virtualisation platform, OS, Rack and Switch. While ReBIT has taken due care in the preparation of this RFP document and believe it to be accurate, neither ReBIT nor any of its authorities or agencies nor any of their respective officers, employees, agents or advisors give any warranty or make any representations, express or implied as to the completeness or accuracy of the information contained in this document or any information which may be provided in association with it.

The information is not intended to be exhaustive. Interested parties are required to make their own inquiries and not rely only on the information provided by ReBIT in submitting the bid. The information is provided on the basis that it is non-binding on ReBIT or any of its authorities or agencies or any of their respective officers, employees, agents or advisors. ReBIT reserves the right not to proceed with the project to change the configuration of the project, to alter the timetable reflected in this document or to change the process or procedure to be applied. It also reserves the right to decline to discuss the matter further with any party expressing interest. No reimbursement of cost of any type will be paid to persons or entities expressing interest. ReBIT reserves the right to accept or reject, in full or in part, any or all the offers without assigning any reason whatsoever. ReBIT does not bind itself to accept the lowest or any RFP /tender and reserves the right to reject all or any bid or cancel the RFP / Tender without assigning any reason whatsoever. ReBIT also has the right to re-issue the RFP / Tender without the Vendors having the right to object to such reissue.

The proposal in response to RFP should be submitted by a person duly authorized to bind the bidder to the details submitted in the proposal. The submitter should give a

declaration that he/she is empowered by the competent authority to sign the necessary documents and bind the bidding.

### **3. RFP requirements**

The purpose behind issuing this RFP is to invite Technical and Commercial bids from all the prospective eligible bidders. The selection process would consist of selecting the Technical qualified bidder that meeting all the requirements, specifications mentioned in this RFP document for opening their Commercial bids.

### **4. Earnest Money Deposit (EMD)**

The prospective Bidder who plan to respond to this RFP is required to submit the bid earnest money deposit of INR 50,000/- (Indian Rupees Fifty Thousand Only) by way of Demand Draft (DD) in favour of Chief Executive Officer, Reserve Bank Information Technology Pvt Ltd payable at Mumbai along with the technical bid. Scanned copy of DD should be sent along with technical bid and the original DD shall be couriered to the below address so as to reach us on or before the date of opening of technical bid:

*Address: The Chief Executive Officer, Reserve Bank Information Technology Pvt Ltd (ReBIT502, Building No 1, MindSpace Juinagar, Nerul, Navi Mumbai - 400706)*

The failure or omission to deposit or keep deposited the Earnest Money shall disqualify the Bidder. No interest shall be payable by ReBIT in respect of such deposited Earnest Money. The EMD is refundable after furnishing Performance Bank Guarantee (PBG) for successful bidders. The EMD of an unsuccessful Bidder shall be refunded within 30 days after the final decision on the Bids or on expiry of the bid validity period whichever is earlier.

Exemption for submitting earnest money shall be provided by the competent authority on submission of relevant documents as per prevailing policy.

The Earnest Money Deposit (EMD) may be forfeited:

- If the successful bidder withdraws/revokes offer or modifies/changes the same.
- If the successful bidder fails to submit the Performance Bank Guarantee within the stipulated period. In such instance, ReBIT at its discretion may also cancel the contract awarded to the selected Bidder without giving any notice.
- If the successful bidder makes any statement or encloses any form/document which turns out to be false/incorrect at any time prior to signing of the contract.
- Where the Bidder being technically qualified, withdraws after opening of technical bid and any time before finalization of successful bidder without any satisfactory / valid reasons.

## 5. Selection Process

Selection of successful bidder would be done based on techno-commercial bidding and evaluation.

To qualify in the Technical evaluation process, the Bidders are required to comply with the specifications mentioned in Annexure C.

Commercial bids of only those bidders who qualify in the technical bid evaluation would be considered for opening and evaluation. Best fit bidder for each item / category will be considered by ReBIT post techno -commercial evaluation.

The decision of the ReBIT shall be final, in this regard. Any misrepresentation of facts may lead to outright rejection of the Bid.

## 6. Scope

- This RFP is to solicit bids from ReBIT empanelled vendors for the procurement of Servers, OS, Server Rack and Network Switch. Unsolicited bids shall not be considered.
- The Bidder may also download the RFP document from the ReBIT website: <https://www.rebit.org.in/procurement>
- The successful bidder will be expected to provide all the necessary support for delivery and installation of the items, warranty and required support during the warranty period.
- Offered products should be latest and should not have End Of Life / End Of Support before warranty expires.
- Successful bidder will ensure delivery, installation and operationalization of all products /components under the RFP / PO before acceptance testing / examination, and the Warranty period will commence only on acceptance of the products under the respective PO by ReBIT.
- If, during the warranty period, any system as a whole or any subsystem has any failure on two or more occasions in a period of 3 months, it shall be replaced by equivalent new equipment by the Vendor at no cost to ReBIT.
- The successful bidder shall be fully responsible for the manufacturer's warranty for all equipment, accessories, spare parts etc. against any defects arising from design, material, manufacturing, workmanship, or any act or omission of the manufacturer / vendor or any defect that may develop under normal use of supplied equipment during the warranty period.
- All defective items should be replaced / repaired by next working day.
- In case of any deviations, specific exemption may be sought on case-to-case basis from the respective Departments placing the Service Request.

## 7. Deliverable Details – Servers specifications

Specifications are mentioned in Annexure D.

## 8. Contact

Recipients are required to direct all communications related to this RFP to [procurement@rebit.org.in](mailto:procurement@rebit.org.in)

Procurement – Head (C.P.O)

Reserve Bank Information Technology Pvt Ltd (ReBIT)

502, Building No 1, MindSpace Juinagar, Nerul, Navi Mumbai – 400706

## 9. RFP Timelines

The key timelines for this RFP are as below.

Milestone	Target End Date
RFP release date	01-October-2020
Last date and time for receipt of queries through e-mail for clarification from Bidders	07-October-2020 Upto 05:00 PM All communications regarding points / queries requiring clarifications shall be given in writing or by e-mail as per Annexure - E, Pre-Bid Query Format
Pre-Bid meeting	08-October-2020, 1600 IST
Venue for Pre-Bid Meeting	Through Video conferencing. The video conferencing link will be shared with those bidders who are interested to participate in the meeting. The bidders who are interested to participate in the pre-bid meeting are requested to send an e-mail request for the same with their details at <a href="mailto:procurement@rebit.org.in">procurement@rebit.org.in</a>
Pre-Bid Queries / replies	12-October- 2020
Technical and Commercial bid Submission-  This should be submitted through PDF password protected documents	15-October- 2020, 1600 IST

Milestone	Target End Date
separately before the RFP / BID submission timelines	
Technical Bid Opening	15-October-2020, 1700 IST
Commercial Bid Opening	20-October-2020; 1600 IST or a later date that will be communicated to technically qualified bidders
PO issuance	Will be communicated later
Delivery of the items (on or before)	Within 3-4 weeks from date of issuance of PO.

## 10. Inquiries and questions

Inquiries and questions regarding the proposal document, scope of services, or the terms and conditions shall be submitted via e-mail to [procurement@rebit.org.in](mailto:procurement@rebit.org.in) by the date and time mentioned above. All responses from ReBIT to all inquiries shall be sent via email as per above timelines.

## 11. Submittal Instructions

The bidder should submit the technical and commercial bid strictly in accordance with the specifications, requirements as mentioned under this RFP.

**Technical Bid Submission requirement** – under technical bid, Bidder needs to submit following:

- i. Scanned copy of DD for EMD.
- ii. Proposed server details meeting all the requirements / specifications, and strictly in the compliance of this RFP.
- iii. Proposed server make / model fact sheet, data sheets, product catalogue, and related supporting documents substantiating that proposed server strictly meets required specifications.

- iv. No deviation confirmation declaration on bidder's letter head.
- v. Bidder should submit MAF - Manufacturer Authorization form that they are authorized Dealer / Distributor / Agents / Partner to supply the quoted OEM products. Please refer Annexure A in this regard
- vi. Undertaking of Authenticity – Annexure B
- vii. The Bidder should not be currently blacklisted by any bank / institution in India or abroad. Self-declaration is required in this regard
- viii. The bidder must warrant that there is no legal action being taken against it for any cause in any legal jurisdiction. If such an action exists and the bidder considers that it does not affect its ability to deliver the requirements as per the Tender, it shall provide details of the action(s). Self-declaration is required in this regard

Bidders which meets all aforesaid parameters will be considered for commercial Bid Opening process. **Any deviation / non-compliance will lead to rejection of the BID.**

**Commercial Bid Submission requirement:**

- i. Commercial bids to be submitted as per given format in this RFP.

Technical and commercial bids shall be submitted through two separate emails password protected PDF attachments to [procurement@rebit.org.in](mailto:procurement@rebit.org.in) email id before the date and time mentioned in the RFP Timelines. The bidders have to ensure that the passwords for the technical and commercial bids will not be same. The PDF attachments shall be named “**Technical Bid for RFP 013 by (Bidder name)**” and “**Price Bid for RFP 013 by (Bidder name)**” for the respective PDF attachments.

Bids submitted in any other form will **NOT be accepted.**

Password for Technical Bids email attachment should be shared in separate email at the time of opening of technical bid. The password for commercial bids shall be shared only by the technically qualified bidders at the time of opening the Commercial bid.

Sole responsibility rests with the bidder to see that their RFP response/ bid is received on time. Any responses received after due date and time are liable to be rejected.



## 12. Commercial Quote – Format

The commercial submission must be in the below format.

Category	Item description	Quantity (Nos.)	Unit Cost (in INR)	Taxes – applicable (in INR)	Total Unit cost (in INR)	Total Cost (in INR)
1	Server with 3 years warranty, 24x7 support along with Hypervisor	02				
2	Redhat Linux Enterprise Edition 3 years subscription	02				
3	Server Rack	01				
4	Layer 2: Network Switch	01				

### Note:

- The quantities mentioned in the above table are indicative and the actual requirement may vary.
- The vendor selection will be done based on two stage evaluation i.e. Technical bid evaluation and Commercial bid evaluation.
- Commercial bids of Only technically qualified bidder(s) would be considered for opening.
- ReBIT reserves the right to alter the requirements / cancel the item requirement(s) at its sole discretion. Further, the Bidders agrees that the price quoted by the them would be proportionately adjusted with such additions or deletions of item requirements.

## 13. Performance Bank Guarantee

- a. If purchase order value is more than Rs.2 lakh, the successful Bidder shall at his own expense deposit with ReBIT within ten (10) working days of the date of notice of award of the contract / Purchase Order, a Performance Bank Guarantee from a scheduled commercial bank, payable on demand in terms of Annexure D, for an amount equivalent to 10% of the PO value for the due performance and fulfilment of the contract by the Bidder.
- b. The Performance Bank Guarantee shall be valid for thirty (30) days after the warranty period.
- c. ReBIT reserves the right to cancel the order and/or initiate the process for invocation of Performance Bank Guarantee (PBG) in the event of one or more

of the following circumstances:

- i) Delay in delivery and installation beyond a period of eight (08) weeks from the date of purchase order;
  - ii) Breach by the tenderers of any of the terms and conditions of the tender;
  - iii) If the Vendor goes into liquidation voluntarily or otherwise.;
  - iv) Exceptionally long, delay in supply of products, without any satisfactory reason.
- d. In addition, ReBIT reserves the right to debar the vendor to participate in any ReBIT's tenders upto next three years.
- e. Without prejudice to the other rights of ReBIT under the Contract in the matter, the proceeds of the performance bank guarantee shall be payable to ReBIT as compensation for any loss resulting from the Bidder's failure to complete its obligations under the RFP. ReBIT shall notify the Bidder in writing of the invocation of its right to receive such compensation, indicating the obligation(s) for which the Bidder is in default
- f. The Performance Bank Guarantee may be discharged upon being satisfied that there has been due performance of the obligations of the Bidder under the contract.
- g. Failure of the successful Bidder to comply with the above requirement, shall constitute sufficient grounds, among others, if any, for the annulment of the award of the PO.

## 14. Terms and Conditions for Request for Proposal

### Bidder Requirements

- Bidder should submit MAF - Manufacturer Authorization form that they are authorized Dealer / Distributor / Agents / Partner to supply the quoted OEM products. Please refer Annexure A in this regard.
- The technically qualified bidder which meets the RFP specifications and satisfy the conditions and has provided the lowest quotation will be considered for selection.
- If any bidder does not meet any of the requirements, specifications and conditions of the RFP, the bidder is liable to be deemed as ineligible for consideration.
- The Bidder should not be currently blacklisted by any bank / institution in India or abroad. Self-declaration is required in this regard
- The bidder must warrant that there is no legal action being taken against it for any cause in any legal jurisdiction. If such an action exists and the bidder

considers that it does not affect its ability to deliver the requirements as per the Tender, it shall provide details of the action(s).

**Note:** The Bidder should submit relevant documentation supporting the above eligibility/ qualification criteria. In case of non-compliance with any of the eligibility criteria mentioned above, the bidder shall be liable to be disqualified without any notice and the bids of the bidder may not be processed further.

### Other Submission Requirements

- Interested bidders are expected to examine the specifications, schedule of delivery, and all instructions. Failure to do so will be at the Bidder's risk.
- Each Bidder will furnish all the information required in the RFP.
- A signed purchase order or contract furnished to the successful Bidder results in a binding contract.
- The Products requested under this RFP are to be delivered at *Reserve Bank Information Technology Pvt Ltd (ReBIT502, Building No 1, MindSpace Juinagar, Nerul, Navi Mumbai - 400706.*
- Any interpretation, correction or change of the Proposal Documents will be made by Addendum. Interpretations, corrections and changes of the Proposal Documents made in any other manner will not be binding, and Bidder shall not rely upon such interpretations, corrections and changes. ReBIT will not be responsible for oral clarification.
- Bidder should provide details of their contact person, telephone, fax, email and full address to ensure that replies to RFP could be conveyed promptly.
- If ReBIT, in its absolute discretion, deems that the originator of the question will gain an advantage by a response to a question, then ReBIT reserves the right to communicate such response to all Bidders.
- ReBIT will notify all short-listed Bidders in writing or by mail as soon as practicable about the outcome of the RFP. **ReBIT is not obliged to provide any reasons for any such acceptance or rejection.**
- Bidders are not permitted to submit more than one bid. Only single unit price (one quote only) for the respective item will be required to quote.
- The cost of bidding and submission of the bids is entirely the responsibility of the bidders, regardless of the conduct or outcome of the tendering process.
- The bids that are not submitted in the prescribed format or incomplete or after due date in any sense are liable to be rejected. ReBIT reserves the right to

accept or reject any bids without assigning any reason and ReBIT's decision in this regard will be treated as final.

- The bid shall be in English Language.
- All prices shall be expressed in Indian Rupees only.
- Bids once submitted will be treated, as final and no further correspondence will be entertained on this. No bid will be modified after the deadline for submission of bids.
- Contacting ReBIT - From the time of bid opening to the time of Contract award, if any bidder wishes to contact ReBIT for seeking any clarification in any matter related to the bid, they should do so in writing by seeking such clarification/s from an authorized person. Any attempt to contact ReBIT with a view to canvas for a bid or put any pressure on any official of ReBIT may entail disqualification of the concerned bidder or its bid.
- Subsequent to the orders being placed/agreement executed, the successful bidder shall pass on to ReBIT all fiscal benefits arising out of reductions in Government levies viz. sales tax, excise duty, custom duty, etc.

### Terms of Payment

- Selected Bidder should raise single invoice for selected item(s) post supply, delivery, installation and acceptance of item(s) by ReBIT.
- Time is essence of Supply & Delivery. In case of delay, Liquidated damages will apply at the rate 0.5% of order value per week of delay.
- Beyond 8 weeks of delay ReBIT may invoke PBG and cancel the Purchase Order.
- Penalty for delayed service:

If the successful bidder is unable to resolve any issue within one day during the warranty period, a standby arrangement of equivalent or higher configuration should be provided till the machine is repaired. Holidays as declared by ReBIT are excluded for the above downtime calculation. In case vendor fails to meet the above standards of maintenance, there will be a penalty of Rs 1,000 per day.

In case the amount is not paid within seven days of such notice, ReBIT reserves the right to invoke the PBG under advice to the vendor.

- In case the lowest selected bidder backs out from the process or providing the Product and or services, ReBIT reserves the right to retender or decide to go with other participating bidders keeping in view of the timelines of the requirement.

- Full payment will be made only after the successful completion of the activities in scope to the satisfaction of ReBIT.
- There is no provision for any partial payment prior to the completion of all the activities.
- Bidder should be willing to accept payment through Electronic Payment System (RTGS or NEFT)
- After ReBIT has received a valid invoice and Delivery, ReBIT agrees to remit payment within forty-five (45) days from the date the invoice acknowledgement.

### **Taxes and Duties**

Prices should be inclusive of all taxes, duties, charges and levies of State or Central Governments as applicable, VAT/Sales Tax, service taxes etc. The benefits realized by supplier due to lower rates of taxes, duties, charges and levies shall be passed on by the Supplier to ReBIT.

### **Subcontracting**

The selected Bidder shall not subcontract or permit anyone other than its personnel to perform any of the work, service or other performance required of the vendor under the contract.

### **Period of validity of bids / Responses**

- Prices and other terms offered by Bidders must be firm for an acceptance period of 90 days from date of closure of this RFP.
- In exceptional circumstances ReBIT may solicit the Bidders consent to an extension of the period of validity. The request and response thereto shall be made in writing.
- ReBIT, however, reserves the right to call for fresh quotes at any time during the period, if considered necessary.

### **Force Majeure**

Neither Party shall be responsible for any failure to perform due to unforeseen circumstances or due to causes beyond the defaulting Party's control even after exertion of best efforts to prevent such failure, which failure may include, but not be limited to, acts of God, war, riots, embargoes, strikes, lockouts, acts of any

Government authority, delays in obtaining licenses or rejection of applications under the Statutes, fire or floods.

### **Arbitration**

- In the event of any dispute or differences between the parties relating to the Contract or PO (Purchase Order) whichever is issued later the same shall be referred to arbitration to be conducted in accordance with the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Mumbai, India.
- In the event of failure to resolve the differences through arbitration, either of the parties shall be free to undertake necessary further legal course with the Courts of Law in Mumbai who shall have jurisdiction for preventive, interlocutory and other incidental relief applied for by any party under or in relation to Agreement.

### **Limitation of liability**

Neither party shall, in any event, regardless of the form of claim, be liable for any indirect, special, punitive, exemplary, speculative or consequential damages, including, but not limited to any loss of data, business interruption, and loss of income or profits, irrespective of whether it had an advance notice of the possibility of any such damages. Subject to the above and notwithstanding anything to the contrary elsewhere contained herein, the maximum liability, of selected bidder (vendor) and purchaser (ReBIT) shall be, regardless of the form of claim, restricted to the total cost of services of the vendor for the event that gave rise to such liability, as of the date such liability arose, during PO / contract period

### **Other Terms and Conditions**

- ReBIT reserves the right to alter the requirements specified in this RFP Document. ReBIT will inform all Bidders about changes, if any.
- The Bidder agrees that ReBIT has no limit on the additions or deletions on the items for the period of the contract. Further, the Bidder agrees that the price quoted by the Bidder would be proportionately adjusted with such additions or deletions of item requirements.

- ReBIT reserves the right to reject any or all proposals and to waive informalities and minor irregularities in proposals received, and to accept any portion of or all items proposed if deemed in the best interest of ReBIT to do so.
- The successful bidder will have to bear all the legal charges like cost of Stamp duty etc. at the time of signing Purchase Agreement/Service Level Agreement.
- ReBIT reserves the right to accept or reject any bid or scrap the Tender without assigning any reason thereof and ReBIT's decision in this regard will be treated as final.
- Ownership of this RFP: The content of this RFP is a copy right material of ReBIT. No part or material of this RFP document should be published in paper or electronic media without prior written permission from ReBIT.
- Neither the contract nor any rights granted under the contract may be sold, leased, assigned, or otherwise transferred, in whole or in part, by the Vendor without advance written consent of ReBIT and any such sale, lease, assignment or transfer otherwise made by the Vendor shall be void and of no effect.
- ReBIT will not reimburse the vendor for non-business hour work (weekends and evenings), travel, lodging, meals or other business costs. Ensure these costs are included in your RFP response.
- The products offered by the bidders must conform to the highest quality and standard. In case of software, the vendor should guarantee that the software supplied to ReBIT is licensed and legally obtained.

### **Commitments**

All quotes should be submitted initially on the most complete basis and with the most favourable financial terms available. The selected bidder's proposal may, at ReBIT option, be made part of the final purchase contract and all representations in the bidder's proposal may be considered commitments to supply the systems/items as described.

### **RFP Revisions**

ReBIT reserves the right to change the schedule or issue amendments to the RFP at any time. ReBIT also reserves the right to cancel or reissue the RFP at any time. Amendments or a notice of cancellation will be notified individually to each participating bidder.

## Ownership of documents, data and hardware

- ReBIT shall own the documents, prepared by or for the Bidder arising out of or in connection with this RFP, Purchase Order & Contract.
- Forthwith upon expiry or earlier termination of this Contract and at any other time on demand by ReBIT, the Bidder shall deliver to ReBIT all documents provided by or originating from ReBIT and all documents produced by or from or for the Bidder in the course of performing the Services, unless otherwise directed in writing by ReBIT at no additional cost.
- The Bidder shall not, without the prior written consent of ReBIT, store, copy, distribute or retain any such documents.

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**Annexure A: Manufacturer’s Authorization Form (MAF)**

(To be filled for hardware/ application software / system software/ RDBMS/ any other suites, whatsoever applicable separately)

**To**

**Procurement- In - Charge**

**Reserve Bank Information Technology Pvt Ltd (ReBIT)**

**502, Building No 1, MindSpace Juinagar,**

**Nerul, Navi Mumbai – 400706**

Dear Sir,

We \_\_\_\_\_ who are established and reputed manufacturer / developer of \_\_\_\_\_ having organization at\_\_\_\_\_ and \_\_\_\_\_ do hereby authorize M/s \_\_\_\_\_ (Name and address of Agent/Dealer) to offer their quotation, negotiate and conclude the contract with you against the above RFP / tender. We hereby extend our full guarantee and warranty for the following software’s / products offered by the above firm in response to ReBIT’s RFP/ tender and contract for supply, installation, commissioning, services and support for Products & Services as specified in tender / RFP as per the terms and conditions set out in the document for the purpose.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

(Please mention the names of the Software, Desktop, laptop, Servers, System Software, RDBMS, any other suites, whatsoever applicable separately)

**Yours faithfully,**

**(Name)**

## **Annexure B: Undertaking of Authenticity**

**(On letterhead of the Bidder)**

With reference to the Servers being offered to you against the RFP for Procurement of Servers, OS, Server Rack and Network Switch with reference number RFP: ReBIT/2020 / CPO / 013 dated 30 September 2020,

We hereby undertake that all the components/parts/assembly/software used in the Servers under the above like Hard disk, Monitors, Memory etc shall be original new components/parts/ assembly /software only, from respective OEMs of the products and that no refurbished/duplicate/ second hand components/parts/ assembly / software are being used or shall be used.

We also undertake that in respect of licensed operating system if asked for by you in the purchase order, the same shall be supplied along with the authorised license certificate (eg Product Keys on Certification of Authenticity in case of Microsoft Windows Operating System) and also that it shall be sourced from the authorised source (eg Authorised Microsoft Channel in case of Microsoft Operating System).

Should you require, we hereby undertake to produce the certificate from our OEM supplier in support of above undertaking at the time of delivery/installation. It will be our responsibility to produce such letters from our OEM suppliers at the time of delivery or within a reasonable time.

In case of default and we are unable to comply with above at the time of delivery or during installation, for the IT Hardware/Software already billed, we agree to take back the Servers without demur, if already supplied and return the money if any paid to us by you in this regard.

Authorised Signatory

Name:

Designation:

Place:

Date:

## Annexure C: Specifications

<u>Category 1: Server Specifications</u>		<u>Compliance</u> <u>(Yes / No)</u>
Model	DeLL/Lenovo/HP/IBM or equivalent, Rack servers only.	<Mention the name of OEM, Model offered>
Processors (CPU)	Intel Xeon processor with minimum 28 cores can be extendable to 56 cores.  Required 4 sockets, populated with 2 sockets now and future populated with 2 sockets	
Memory	128 GB, 2.99 GHz (extended up to 256GB)	
Hard Disk	6 TB usage disk space (extend up to 16 TB)  SSD Drive with 1 redundant disk - RAID 5	
OS, Virtualization and HCI	Server should be latest Generation support all OS and virtualization platforms.  Also support Hyperconverged infrastructure (HCI) cloud platform.	
Other	6 Dual NIC cards (10G) – ethernet	
Warranty	3 years	
Support	3 Years, 24 X 7 Onsite Support.	
Power supply unit	Redundant power supply	
Server form factor	2U server (up to 3U max)	
Hypervisor or Equivalent	Hypervisor to install more than 7 VMs up to 10 VMs	<Mention the name, quantity and other details of the offered Product>
Delivery support	Bidder/OEM should provide server installation, power on Self-test to ensure delivered server is in working state.	

<u>Category 2: Operating System</u>		<u>Compliance</u> <u>(Yes / No)</u>
OS	Red Hat Enterprise Linux Server, Premium (Physical or Virtual Nodes) (2 Socket)	

<b>Category 3: Server Rack</b>			
<b>Sr.No</b>	<b>Technical specifications</b>	<b>Requirement Specification</b>	<b>Compliance (Y/N)</b>
1	Preferred OEM: APW / NETRACK		<Mention the name of OEM>
2	Size: 42U Rack 800mm x 100mm Racks	Must Have	
3	Front Perforated Sigle, Door Rear Perforated Split Door, Castor with Break, Four Fan with Fan Tray, Hardware Pkt. 3 Nos in each rack, Fixed Shelf 2 Nos in Each Rack, Keyboard Tray 1 No. 5/15 AMP Pdu with 12 Socket.  (preferred OEM: APW / NETRACK)	Must have	
4	Dual PDU (power distribution units)  With minimum 14 power sockets 15 AMPS and 5 AMPS With half western and Indian power sockets	Must have	
5	Bidder shall also install the Server Rack at ReBIT's premises.		

<b>Category 4: Layer 2 Network Switch</b>			
<b>Sr.No.</b>	<b>Technical Specification</b>	<b>Requirement Specification</b>	<b>Compliance (Y/N)</b>
	<b>Make and Model</b>		
A	Preferred Make: Cisco		<Mention the name of OEM>
B	Preferred Model: C9200L-48T-4X		<Mention the Model>
	<b>OEM Capabilities</b>		
1	Switches make should be Preferably cisco CATALYST SERIES	Must have	<Mention the Model>
	<b>Switch Hardware features</b>		
2	Minimum 48 10/100/1000 Gigabit Ethernet port each.	Must have	

<b>Category 4: Layer 2 Network Switch</b>			
<b>Sr.No.</b>	<b>Technical Specification</b>	<b>Requirement Specification</b>	<b>Compliance (Y/N)</b>
3	Switch should be 1 RU rack mountable in nature, stackable with dedicated 40Gbps of throughput with minimum of 4 switches in a stack with single IP management.	Must have	
4	Should provide minimum Switching Capacity of 120 Gbps	Must have	
5	Should provide minimum throughput of 90 Mpps	Must have	
	<b>Layer-2 Requirements</b>		
6	The switch should support full Layer-2 services	Must have	
7	The switch should support minimum 500 active VLANs	Must have	
8	The Switch should provide full Multicast capabilities.	Must have	
9	The Switch should provide MAC binding with the ports	Must have	
10	The switch should provide 802.1x based authentication protocol for posture assessment.	Must have	
11	Should support Port Mirroring based on acl, port basis / vlan basis to support intrusion prevention system deployment in different VLANs. Should support port mirroring across the stack switches to remotely monitor ports in a Layer 2 switch network from any other switch in the same network.	Must have	
12	Switch should provide minimum 2 or more mirror sessions	Must have	
13	Switches should be stackable	Must have	
	<b>Management Requirements</b>		
14	Switch can be managed with SSHv2 and SNMPv3	Must have	

**Category 4: Layer 2 Network Switch**

Sr.No.	Technical Specification	Requirement Specification	Compliance (Y/N)
15	Switch shall support IPv4 & IPv6	Must have	
16	Should support minimum 2 X 1 GE uplink port & 2 X 10 GE uplink ports	Must have	
17	Bidder should provide 10GB SFP connector qty :4		
18	Should have stacking capacity up to 3X of minimum switching capacity.	Must have	
19	Switch must support time synchronization via SNTPv4	Must have	
20	Switch must have single console port for Command-Line Interface (CLI) management	Must have	
	<b>Security Requirements</b>		
21	It should support port security to secure the ports against mac floods and unaccounted accesses	Must have	
22	It should support protected ports to isolate specified ports from all other ports on the switch.	Must have	
23	Switch Should support VLAN Based and Port Based ACLs	Must have	
24	Switch should provide 802.1x support for VLAN assignment, Guest VLAN, MAC-AuthBypass and ACL support	Must have	
25	It should support MAC-based authentication allowing client to be authenticated with the RADIUS server based on client's MAC address.	Must have	
26	Switch must support IEEE 802.1AE	Must have	
27	It should support TACACS+ or RADIUS authentication for secure switch CLI logon.	Must have	

<b>Category 4: Layer 2 Network Switch</b>			
<b>Sr.No.</b>	<b>Technical Specification</b>	<b>Requirement Specification</b>	<b>Compliance (Y/N)</b>
28	It should support management access (CLI, Web,MIB) securely encrypted through SSHv2, SSL, and SNMPv3.	Must have	
29	Per-port storm control for preventing broadcast, multicast, and unicast storms	Must have	
30	The switch should support monitoring, capturing, and recording of flows to provide network traffic statistics for further analysis, accounting, network monitoring and network planning. Flows need to be captured from physical ethernet port or from vlan interface.	Must have	
31	The switch should support feature to prevent malicious attacks on the switch by not relaying invalid ARP requests and responses to other ports in the same VLAN.	Must have	
32	The switch should provide Bidirectional data support on the mirror port to allow Intrusion Detection to take action when an intruder is detected. (Optional)	Good To Have	
	<b>Qos Requirements</b>		
33	It should support IEEE 802.1p traffic prioritization delivering data to devices based on the priority and type of traffic.	Must have	
34	should have strict priority queuing or high strict priority queue	Must have	
	<b>Troubleshooting Requirements</b>		
35	Switch should support Layer 2 traceroute to identify the physical path that a packet takes from source to destination	Good To Have	
36	Switch should generate hardware failure information in a log file and need to be stored in flash so that support center	Must have	

**Category 4: Layer 2 Network Switch**

Sr.No.	Technical Specification	Requirement Specification	Compliance (Y/N)
	can access these files and to identify the root cause		
	<b>Warranty</b>		
37	Warranty - 3 years	Must have	



## **Annexure D: Performance Bank Guarantee**

### **Strictly Private and Confidential**

Chief Executive Officer,

Reserve Bank Information Technology Pvt Ltd (ReBIT),

502, Building No. 1 , Mindspace Juinagar, Nerul, Navi Mumbai - 400706

Dear Sir,

**PERFORMANCE BANK GUARANTEE – Procurement of Servers, OS, Server Rack and Network Switch with reference number RFP: ReBIT/2020 / CPO / 013 dated 30 September 2020.**

#### **WHEREAS**

M/s. (name of Bidder), a company registered under the Companies Act, 1956, having its registered and corporate office at (address of the Bidder), (hereinafter referred to as “our constituent”, which expression, unless excluded or repugnant to the context or meaning thereof, includes its successors and assigns), entered into an Agreement dated ..... (Hereinafter, referred to as “the said Agreement”) with you (ReBIT) for Supply of Desktops, Laptops and other IT Peripherals under Rate Contract as detailed in the scope given in the RFP document, as detailed in the said Agreement.

We are aware of the fact that in terms of sub-para (...), Section (...), Chapter (...) of the said Agreement, our constituent is required to furnish a Bank Guarantee for an amount Rs..... (in words and figures), as per the said Agreement, as security against breach/default of the said Agreement by our Constituent.

In consideration of the fact that our constituent is our valued customer and the fact that he has entered into the said Agreement with you, we, (name and address of the bank), have agreed to issue this Performance Bank Guarantee.

Therefore, we (name and address of the bank) hereby unconditionally and irrevocably guarantee you as under:

- 1 In the event of our constituent committing any breach/default of the said Agreement, which breach/default has not been rectified within a period of thirty (30) days after receipt of written notice from you, we hereby agree to pay you forthwith on demand such sum/s not exceeding the sum of Rs..... (in words and figures) without any demur.
- 2 Notwithstanding anything to the contrary, as contained in the said Agreement, we agree that your decision as to whether our constituent has made any such default/s / breach/es, as afore-said and the amount or amounts to which you are

entitled by reasons thereof, subject to the terms and conditions of the said Agreement, will be binding on us and we shall not be entitled to ask you to establish your claim or claims under this Performance Bank Guarantee, but will pay the same forthwith on your demand without any protest or demur.

- 3 This Performance Bank Guarantee shall continue and hold good for thirty (30) days after the completion of the contract period i.e. (date), subject to the terms and conditions in the said Agreement.
- 4 We bind ourselves to pay the above said amount at any point of time commencing from the date of the said Agreement until thirty (30) days after the completion of the contract period for the Total Solution as per said Agreement.
- 5 We further agree that the termination of the said Agreement, for reasons solely attributable to our constituent, virtually empowers you to demand for the payment of the above said amount under this guarantee and we have an obligation to honor the same without demur.
- 6 In order to give full effect to the guarantee contained herein, we (name and address of the bank), agree that you shall be entitled to act as if we were your principal debtors in respect of your claims against our constituent. We hereby expressly waive all our rights of suretyship and other rights, if any, which are in any way inconsistent with any of the provisions of this Performance Bank Guarantee.
- 7 We confirm that this Performance Bank Guarantee will cover your claim/s against our constituent made in accordance with this Guarantee from time to time, arising out of or in relation to the said Agreement and in respect of which your claim is lodged with us on or before the date of expiry of this Performance Guarantee, irrespective of your entitlement to other claims, charges, rights and reliefs, as provided in the said Agreement.
- 8 Any notice by way of demand or otherwise hereunder may be sent by special courier, telex, fax, registered post or other electronic media to our address, as aforesaid and if sent by post, it shall be deemed to have been given to us after the expiry of 48 hours when the same has been posted.
- 9 If it is necessary to extend this guarantee on account of any reason whatsoever, we undertake to extend the period of this guarantee on the request of our constituent under intimation to you (ReBIT).

10 This Performance Bank Guarantee shall not be affected by any change in the constitution of our constituent nor shall it be affected by any change in our constitution or by any amalgamation or absorption thereof or therewith or reconstruction or winding up, but will ensure to the benefit of you and be available to and be enforceable by you.

11 Notwithstanding anything contained hereinabove, our liability under this Performance Guarantee is restricted to Rs..... (in words and figures) and shall continue to exist, subject to the terms and conditions contained herein, unless a written claim is lodged on us on or before the afore-said date of expiry of this guarantee.

12 We hereby confirm that we have the power/s to issue this Guarantee in your favor under the Memorandum and Articles of Association/ Constitution of our bank and the undersigned is/are the recipient of authority by express delegation of power/s and has/have full power/s to execute this guarantee under the Power of Attorney issued by the bank in his/their favor.

We further agree that the exercise of any of your rights against our constituent to enforce or forbear to enforce or any other indulgence or facility, extended to our constituent to carry out the contractual obligations as per the said Agreement, would not release our liability under this guarantee and that your right against us shall remain in full force and effect, notwithstanding any arrangement that may be entered into between you and our constituent, during the entire currency of this guarantee.

Notwithstanding anything contained herein:

- Our liability under this Performance Bank Guarantee shall not exceed Rs. .... (in words and figure) ;
- This Performance Bank Guarantee shall be valid only up to ..... (date, i.e., thirty (30) days after completion of the contract period) ; and
- We are liable to pay the guaranteed amount or part thereof under this Performance Bank Guarantee only and only if we receive a written claim or demand on or before .... (date i.e. thirty (30) days after completion of the contract period).
- This Performance Bank Guarantee must be returned to the bank upon its expiry. If the Performance Bank Guarantee is not received by the bank within the above-mentioned period, subject to the terms and conditions contained herein, it shall be deemed to be automatically cancelled.

Dated ..... this ..... day ..... 2020.

Yours faithfully,

For and on behalf of the ..... Bank,

(Signature)

Designation

(Address of the Bank)

Note: This guarantee will attract stamp duty as a security bond under Article 54(b) of the Mumbai Stamp Act, 1958. A duly certified copy of the requisite authority conferred on the official/s to execute the guarantee on behalf of the bank should be annexed to this guarantee for verification and retention thereof as documentary evidence in the matter.

## Annexure E: Bidders Queries Pro-forma

Contact Details		
Name of Organization submitting request (Enter Full Legal Entity name)	:	
Full formal address of the organization	:	
Tel	:	
Fax	:	
Email	:	
Name & position of person submitting request		
Name	:	
Position	:	

Sr No	RFP Section Number	RFP Page Number	RFP Point Number	Query Description