



PROCUREMENT OF SERVERS WITH VMWARE SOFTWARE

REQUEST FOR PROPOSAL (RFP)

CORRIGENDUM # 1

(May 19, 2022)
RFP: ReBIT/CPO/2022-23/086/001

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Reserve Bank Information Technology Pvt. Ltd.
502, Building No 1, Mindspace Juinagar, Nerul, Navi Mumbai – 400706

Following are the changes / clarification in the RFP terms. All the bidders are requested to refer the "Corrigendum / Revised Terms" column as below:

Page No	Clause No. & Heading	Existing Terms	Corrigendum / Revised Terms
3 of 50	Schedule of Events	RFP Requirement - Procurement of Servers and VMware Software	<u>Please read RFP requirement as Procurement of Servers with VMware Software wherever it appears in the RFP document.</u>
3 of 50	Schedule of Events	Date of communication of responses to pre-bid queries and corrigendum, if any - 13-May-2022 through ReBIT's website (https://rebit.org.in/procurement) and CPP e-procurement portal (https://eprocure.gov.in/eprocure/app)	Date of communication of responses to pre-bid queries and corrigendum, if any - 19-May-2022 through ReBIT's website (https://rebit.org.in/procurement) and CPP e-procurement portal (https://eprocure.gov.in/eprocure/app)
3 of 50	Schedule of Events	Last date and time for bid submission (on or before) 25-May-2022 up to 15:00 Hrs through CPP e-procurement portal (https://eprocure.gov.in/eprocure/app) EMD DD / BG are to be submitted in originals at ReBIT Office.	Last date and time for bid submission (on or before) 06-June-2022 up to 15:00 Hrs through CPP e-procurement portal (https://eprocure.gov.in/eprocure/app) EMD DD / BG are to be submitted in originals at ReBIT Office.
3 of 50	Schedule of Events	Technical Bid Opening - 26-May-2022 up to 15:00 Hrs through CPP e-procurement portal (https://eprocure.gov.in/eprocure/app).	Technical Bid Opening - 07-June-2022 up to 15:00 Hrs through CPP e-procurement portal (https://eprocure.gov.in/eprocure/app).
7 of 50	5.2 Scope of Work	1. Table prescribing Software & Hardware Requirement 2. Table prescribing Hardware Specifications 3. Table prescribing Software Specifications	<u>Revised detailed Software, Hardware Requirements and Specifications are embedded below.</u> <u>Bidders are requested to refer the same while proposing solution.</u>
9 of 50	5.2: Delivery & Payment Milestones:	Supply of Servers as prescribed under hardware requirement - Timelines: <u>Within 5-6 weeks</u> from date of PO	Supply of Servers as prescribed under hardware requirement - Timelines: <u>Within 8-10 weeks</u> from date of PO
11 of 50	7.4 Bid Security/ EMD	Micro & Small Enterprises (MSE) units are exempted from payment of EMD and tender fee provided the products and/or services they are offering, are manufactured and/or services rendered by them. Exemption as stated above is not applicable for selling products and/or services, manufactured/ rendered by other companies. Bidder should submit supporting documents issued by competent Govt. bodies to become eligible for the above exemption.	<u>Additional of Clause - MSEs and Start-ups are required to submit a "Bid Security Declaration" where the bidder must accept that if the bid is withdrawn or modified during the period of validity etc., then the bidder will be suspended for a period as decided by ReBIT.</u>

Page No	Clause No. & Heading	Existing Terms	Corrigendum / Revised Terms
14 of 50	7.11.1: Technical Evaluation Scoring Matrix	<p>The bidder should have supplied and installed proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21</p> <p>(Bidder to provide details in Annexure K and submit PO / Contract details)</p>	<p>The bidder / Parent Company should have supplied and installed proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21</p> <p>(Bidder to provide details in Annexure K and submit PO / Contract details)</p> <p>Above relaxation is allowed only in case of companies got restructured recently, subject to undertaking by Parent Company as commitment to complete the RFP scope as per RFP terms in case the bidder fails to do so.</p>
14 of 50	7.11.1: Technical Evaluation Scoring Matrix	<p>The bidder should have deployed and configured VMware vCentre Server, vCloud Suite, vSphere Standard setup with proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21</p> <p>(Bidder to provide details / submit PO / Contract details)</p>	<p>The bidder / Parent Company should have deployed and configured VMware vCentre Server, vCloud Suite, vSphere Standard setup with proposed / similar hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21</p> <p>(Bidder to provide details in Annexure K and submit PO / Contract details)</p> <p>Above relaxation is allowed only in case of companies got restructured recently, subject to undertaking by Parent Company as commitment to complete the RFP scope as per RFP terms in case the bidder fails to do so.</p>
14 of 50	7.11.1: Technical Evaluation Scoring Matrix	<p>The bidder should have deployed and configured VMware Tanzu Standard setup with proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21</p> <p>(Bidder to provide details / submit PO / Contract details)</p>	<p>The bidder / OEM deployed and configured VMware Tanzu Standard setup with proposed / similar hardware in last five (5) financial years, i.e. 2016-17, 2017-18, 2018-19, 2019-2020, 2020-21</p> <p>(Bidder to provide details in Annexure K and submit PO / Contract details)</p>
35 of 50	Annexure G - Minimum Eligibility Criteria - Turnover & Financial Liability - 2.a and b	<p>a. The Bidder should have a Positive Net Worth in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21.</p> <p>b. The Bidder should be in Net Profit (Profit After Tax) in the last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21.</p> <p>c. The bidder should have an Average Annual Turnover of at least Rs 5 Crores in the last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21</p>	<p>a. The Bidder / Parent Company should have a Positive Net Worth in any two (2) of the last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21.</p> <p>b. The Bidder / Parent Company should be in Net Profit (Profit After Tax) in any two (2) of the last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21.</p> <p>c. The Bidder / Parent Company should have an Average Annual Turnover of at least Rs 5 Crores in any two (2) of the</p>

Page No	Clause No. & Heading	Existing Terms	Corrigendum / Revised Terms
			<p>last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21.</p> <p>For companies which have been re-structured during last five 5 financial years relaxation is allowed only in case of restructuring of business, subject to undertaking / declaration by Parent Company to complete the RFP scope as per RFP terms in case the bidder fails to do so.</p>
35 of 50	Annexure G - Minimum Eligibility Criteria - 3	The bidder should have executed similar projects (supply, installation, testing and configuration of VMware Tanzu Setup) in last 3 years in BFSI / Govt. / Any Other Sector in India as on 31st March'2022.	The Bidder / OEM Company should have executed similar projects (supply, installation, testing and configuration of VMware Tanzu Setup) in last 5 years in BFSI / Govt. / Any Other Sector in India as on 31st March'2022.
37 of 50	Annexure I - Commercial Bid Format		<p>Quantity of VMware vCloud Suite Standard (Perpetual License) is revised from 12 Nos to 10 Nos.</p> <p>Please refer the revised Annexure-I Commercial Bid Format enclosed below.</p>
41 of 50	Annexure K - Technical Compliance Sheet	Annexure K - Technical Compliance Sheet	<u>Please refer updated Annexure K: Technical Compliance Sheet embedded below.</u>
	Annexure H		<p><u>Format for furnishing Bank Guarantee as EMD is provided in Annexure H - Bank Guarantee for EMD.</u></p> <p>Annexure H is enclosed below.</p>

1. Software & Hardware Requirements

Software Requirements	Hardware Requirements		
	Core	RAM	Storage
1. vCenter Server Standard			
2. vCloud Suite Standard			
3. Tanzu Standard			
4. OS: Windows Server Standard 2019			
5. VMware Spring Runtime (optional)			
6. VMware Horizon Universal Licenses (optional)			
Total	276	1968	4 TB - SSD 28TB - HDD

2. Hardware Specifications (indicative & equivalent or above)

Processor	Intel(R) Xeon(R) Platinum 8276 CPU @ 2.20GHz
CPUs/Core	2 Sockets / 56 Cores
SSD (usable)	1 TB per server
HDD (usable) / Disk Drive Bay	4 TB per server
CHIPSET/Motherboard	329-BEOT : PowerEdge R840/R940xa MLK Motherboard (Latest Server class compatible chipset)
Internal interconnect	Should support simultaneous housing of FCoE (Converged Switch), Ethernet, FC interconnect fabrics offering Hot Pluggable & Redundancy as a feature.
Slots	330-BBKU : Riser Config1, 4 PCIe slots (2 x16 Full height GRAPHICS slot s + 2 x16 Low profile), GPU capable.
RAM	288GB
RAID controller	405-AAOE : PERC H730P RAID Controller, 2G B NV Cache, Adapter, Low Profile
Ethernet	1Gbps/10Gpbs/25Gbps
Interface	Copper - 540-BBUK : Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC & 540-BBUH : (total four ports)
Power Supply	Dual redundant hot swappable Power Supply units)
Form Factor	Rack (2U) : 770-BCPR : 2U Combo Drop-In/Stab-In Rail
Optical drive	No
Ports	4 Copper
FAN	2 FANS (n + 1 or higher redundant hot swappable Fan Modules (where n > 1))
Server Power Supply	Mentioned above
Remote management capabilities	385-BBKT : iDRAC9,Enterprise or latest . System remote management should support browser based Graphical Remote Console & Virtual Power Button
Server Management Software	385-BBKT : iDRAC9,Enterprise or latest
Security	BIOS Secure, TPM 1.2/2.0, TCM 2.0 optional Cryptographically signed firmware Secure Boot System Lockdown (requires iDRAC Enterprise and Datacenter)
Warranty	3 Years On-Site
Quantity	5 Units

3. Software Specifications

Product Name	UOM	Total Quantity	Details
VMware vCenter Server Standard (Perpetual License)	Per Instance	1	Virtualization Management per site
VMware vCloud Suite Standard (Perpetual License)	CPU based	10	Server virtualization, basic infra monitoring through vROps

VMware Tanzu Standard (Subscription License)	Core based	128	Kubernetes platform for running Container, includes - harbor, basic load balancer, contour, prometheus, graphana, velero for backup, basic AVI load balancer,
Windows Server Standard 2019	Nos	10	
VMware Spring Runtime (Subscription License)	Per 8 Core	1	*Optional Item
VMware Horizon Universal (Subscription License)	Nos	50	*Optional Item
VMware - Implementation, Training and TAM (from OEM)	One time	1	*Optional Item

Note:

1. Bidder has to provide the license cost in INR. GST Rates are to be provided separately. Licenses / Subscription Cost shall be overall cost (of products, licenses, product support, certificates etc.) inclusive of all Taxes (whichever is applicable), however exclusive of GST.
2. The start date of these licenses will be from the date of deployment as advised by ReBIT.

3. Bidder has to provide the cost of any other additional software license required as a pre-requisite to run this application. Bidder to provide complete details / specifications of any such optional item quoted.
4. Renewal of licenses for Year 2 and Year 3 will be decided based on the actual requirement and will be considered based on successful implementation / configuration of the solution without any pending issues.
5. If bidder fails to submit the price in the above format the bid may be subject to get rejected.
6. License cost / Renewal of license will be paid to the successful bidder on yearly basis as per above mentioned cost sheet and payment milestone mentioned at section 5.2.
7. Implementation cost shall be paid 30 days after Go-live and project completion certificate as per the payment milestone mentioned at section 5.2.
8. Support cost shall be paid yearly basis after deduction of applicable panalties (if any).
9. 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 them would be proportionately adjusted with such additions or deletions of item requirements

Authorised Signature

Annexure K – Technical Compliance Sheet

(On letterhead of the Bidder)

Hardware Specifications (indicative & equivalent or above)		Compliance (Yes / No)	Remarks
Processor	Intel(R) Xeon(R) Platinum 8276 CPU @ 2.20GHz		
CPUs/Core	2 Sockets / 56 Cores		
SSD (usable)	1 TB per server		
HDD (usable) / Disk Drive Bay	4 TB per server		
CHIPSET / Motherboard	329-BEOT : PowerEdge R840/R940xa MLK Motherboard (Latest Server class compatible chipset)		
Internal interconnect	Should support simultaneous housing of FCoE (Converged Switch), Ethernet, FC interconnect fabrics offering Hot Pluggable & Redundancy as a feature.		
Slots	330-BBKU : Riser Config1, 4 PCIe slots (2 x16 Full height GRAPHICS slot s + 2 x16 Low profile), GPU capable.		
RAM	288GB		
RAID controller	405-AAOE : PERC H730P RAID Controller, 2G B NV Cache, Adapter, Low Profile		
Ethernet	1Gbps/10Gpbs/25Gbps		
Interface	Copper - 540-BBUK : Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC & 540-BBUH : (total four ports)		
Power Supply	Dual redundant hot swappable Power Supply units)		
Form Factor	Rack (2U) : 770-BCPR : 2U Combo Drop-In/Stab-In Rail		
Optical drive	No		
Ports	4 Copper		
FAN	2 FANS (n + 1 or higher redundant hot swappable Fan Modules (where n > 1))		
Server Power Supply	Mentioned above		
Remote management capabilities	385-BBKT : iDRAC9,Enterprise or latest . System remote management should support browser based Graphical Remote Console & Virtual Power Button		
Server Management Software	385-BBKT : iDRAC9,Enterprise or latest		
Security	BIOS Secure, TPM 1.2/2.0, TCM 2.0 optional Cryptographically signed firmware Secure Boot System Lockdown (requires iDRAC Enterprise and Datacenter)		
Warranty	3 Years On-Site		
Quantity	5 Units		

Product Name	UOM	Total Quantity	Details	Compliance (Yes / No)	Remarks
VMware vCenter Server Standard (Perpetual License)	Per Instance	1	Virtualization Management per site		
VMware vCloud Suite Standard (Perpetual License)	CPU based	10	Server virtualization, basic infra monitoring through vROps		
VMware Tanzu Standard (Subscription License)	Core based	128	Kubernetes platform for running Container, includes - harbor, basic load balancer, contour, prometheus, graphana, velero for backup, basic AVI load balancer,		
Windows Server Standard 2019	Nos	10			
VMware Spring Runtime (Subscription License)	Per 8 Core	1	*Optional Item		
VMware Horizon Universal (Subscription License)	Nos	50	*Optional Item		
VMware - Implementation, Training and TAM (from OEM)	One time	1	*Optional Item		

Signature of Bidder

Date
Place

Annexure H – Bank Guarantee for EMD

To,

The CEO,
Reserve Bank Information Technology Pvt. Ltd.
502, Building No 1, Mindspace Juinagar, Nerul,
Navi Mumbai – 400706

Dear Sir,

M/s _____ having their registered office at _____ (hereinafter called the “Bidder”) wish to respond to the **Request for Proposal (RFP) for Procurement of Servers with VMware Software**, self and other associated Bidders and submit the proposal for the same as listed in the RFP document.

Whereas the “Bidder” has submitted the proposal in response to RFP, we, the _____ Bank having our head office _____ hereby irrevocably guarantee an amount of (Amount as per the RFP) (Rupees _____ in words Only) as bid security as required to be submitted by the “Bidder” as a condition for participation in the said process of RFP.

The Bid security for which this guarantee is given is liable to be enforced/ invoked:

1. Withdraws its bid during bid validity period Refuses to honour commercial bid. ReBIT reserves the right to place order onto Bidder based on prices quoted by them.
2. Refuses to accept purchase order or having accepted the purchase order, fails to carry out his obligations mentioned therein.
3. Any other reason for EMD forfeiture mentioned in the RFP

We undertake to pay immediately on demand, to ReBIT, the said amount of _____ (Rupees _____ Only) without any reservation, protest, demur, or recourse. The said guarantee is liable to be invoked/ enforced on the happening of the contingencies as mentioned above and also in the RFP document and we shall pay the amount on any Demand made by ReBIT which shall be conclusive and binding on us irrespective of any dispute or difference raised by the Bidder.

Notwithstanding anything contained herein:

1. Our liability under this Bank guarantee shall not exceed _____ (Rupees _____ Only).
2. This Bank guarantee will be valid up to _____(as per the RFP) ; and a claim period of one month thereafter and
3. We are liable to pay the guarantee amount or any part thereof under this Bank guarantee only upon service of a written claim or demand by you on or before _____.

In witness whereof the ReBIT, through the authorized officer has sets its hand and stamp on this _____ day of _____ at _____.

Signature

Name
(In Block letters)

Designation (Staff Code No.)

Official address:

(Bank's Common Seal)
Attorney as per power of Attorney No.

Date:

WITNESS:

- 1..... (Signature with Name, Designation & Address)
- 2..... (Signature with Name, Designation & Address)

Please read the aforesaid corrigendum along with the issued RFP document. All other terms and conditions which are not covered in this Corrigendum, will be as per the original RFP – Procurement of Servers with VMware Software Ref: ReBIT/CPO/2022-23/086/001 dated April 22, 2022.



PROCUREMENT OF SERVERS WITH VMWARE SOFTWARE

REQUEST FOR PROPOSAL (RFP)

RESPONSE TO PRE-BID QUERIES

(May 13, 2022)

RFP: ReBIT/CPO/2022-23/086/001

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**Reserve Bank Information Technology Pvt. Ltd.
502, Building No 1, Mindspace Juinagar, Nerul, Navi Mumbai - 400706**

				Within 2-3 weeks 50% of all 3 Year Cost	
6	9	Delivery & Payment Milestones-Sr. No.-4	Acceptance / Go-live by ReBIT After 30 days of Acceptance / Go-Live Balance 50% of Year 1 Cost	Request to change Acceptance / Go-live by ReBIT After 30 days of Acceptance / Go-Live Balance 50% of all 3 Years Cost.	No Change
7	21	15.4. Liquidated Damages (LD)-i	In case of delay by the Bidder in any stage of the project milestone, the financial Penalty as per the ReBIT's discretion will be imposed on the Bidder at 1% of the total contract value per week of delay, to the maximum of 10% of the total contract value as per the agreement between the ReBIT and the successful Bidder.	Request to change - In case of delay by the Bidder in any stage of the project milestone, the financial Penalty as per the ReBIT's discretion will be imposed on the Bidder at 0.5% of the total contract value per week of delay, to the maximum of 5% of the total contract value as per the agreement between the ReBIT and the successful Bidder.	No Change
8	20	15.2 : Service Level Requirements	The Bidder is expected to take care of the systems by covering them under the contract period which inline with the OEM back to back support to meet the SLA commitments as below	Kindly refer Sr. No. 9 above, In case the contract is awarded to multiple vendors how will the SLA be taken care of? Also ReBIT to clarify in case of any breach in hardware or software (since both are interdependent) who will take the ownership of SLA if vendors are different?	To avoid such situations, ReBIT intends to select and contract single bidder to execute the end-to-end scope prescribed in the RFP. In case if this option comes we may consider.
9	9	5.2 : Delivery & Payment Milestones:	Supply of Servers as prescribed under hardware requirement - Timelines : Within 5-6 weeks from date of PO	Minimum Delivery Timelines estimated by any OEM for Hardware delivery is 14-16 Weeks. Request ReBIT to amend the delivery timelines accordingly	Please refer Corrigendum # 1 issued in this regard.
10	9	Delivery & Payment Milestones	Installation of Servers, Configuration and Implementation of Softwares (vCentre, vCloud Suite, Tanzu, Spring Runtime, VDI) - Within 2-3 weeks	It is not possible to complete the installation within 2-3 weeks, Kinldy help to amaned this as 7-8 weeks.	No Change
11	9	Delivery & Payment Milestones:	Supply of Servers as prescribed under hardware requirement-----Within 5-6 weeks from date of PO Supply of Softwares as prescribed under software requirement----Within 1 week after installation of Servers Installation of Servers, Configuration and Implementation of Softwares (vCentre, vCloud Suite, Tanzu, Spring Runtime, VDI)- ---Within 2-3 weeks Acceptance / Go-live by ReBIT	Delivery has been extermly challenging post pendamic phase. Request you to modify the clause as: Supply of Servers as prescribed under hardware requirement-----Within 15-16 weeks from date of PO-----60% of 1 year cost Supply of Softwares as prescribed under software requirement----Within 1 week after installation of Servers-----15% of 1 year cost Installation of Servers, Configuration and Implementation of Softwares (vCentre, vCloud Suite, Tanzu, Spring Runtime, VDI)---Within 4-6 weeks -----15% of 1 year cost Acceptance / Go-live by ReBIT-----5% of 1 year cost	Please refer Corrigendum # 1 issued in with respect to delivery timelines for Servers. There is 'No Change' in Delivery Timeline or 'Payment Milestone' of any other component.

27	14	7.11.1: Technical Evaluation Scoring Matrix - Sr. No. 2	The bidder should have deployed and configured VMware vCentre Server, vCloud Suite, vSphere Standard setup with proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21 (Bidder to provide details / submit PO / Contract details)	The proposed hardware will be the latest released, however, the earlier deployments done would be compatible/based on the available releases in that particular years. ReBIT to clarify if current deployment can be done on proposed Intel hardware.	Yes
28	14	7.11.1 Technical Bid Evaluation: Technical Evaluation Scoring Matrix	2. The bidder should have deployed and configured VMware vCentre Server, vCloud Suite, vSphere Standard setup with proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21 (Bidder to provide details / submit PO / Contract details)	Please modify to The bidder should have deployed and configured VMware vCentre Server, vCloud Suite, vSphere Standard setup with proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21 We have orders where the hardware was not supplied by us	No Change
29	14	7.11.1 Technical Bid Evaluation: Technical Evaluation Scoring Matrix	4. Submission of benchmarking / compatibility report for the proposed hardware / server with VMware products including Tanzu setup. (Bidder to provide details / benchmarking reports)	Please provide information which benchmark is to be considered?	Performance benchmarking
30	14	Technical Evaluation Scoring Matrix	The bidder should have deployed and configured VMware Tanzu Standard setup with proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21 (Bidder to provide details / submit PO / Contract details)	We request you to please give relaxation on this point. Pls consider this as BIDder /OEM should have deployed . OR pls help to amend this bidder should have deployed and configured VMware setup with proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21	Please refer Corrigendum # 1 issued in this regard.
31	14	Technical Evaluation Scoring Matrix	Technical Evaluation Scoring Matrix (All clauses/Criteria)	We have restructured our company in to various focused businesses resulting into formation of 100% owned subsidiary company operational from February 2021, and hence shall depend on its parent company for Financial & Experience credentials. Hence request to consider the term " Bidder" as "The bidder or its Parent company (incase bidder is wholly owned subsidiary of the parent company) "	Please refer Corrigendum # 1 issued in this regard.
32	14	Technical Evaluation Scoring Matrix	The bidder should have supplied and installed proposed hardware in last three (3) financial years, i.e. 2018-19, 2019-2020, 2020-21 (Bidder to provide details in Annexure K and submit PO / Contract details)	Request to modify the clause as: The bidder/OEM should have supplied and installed proposed/ similar hardware in last Five (5) financial years , i.e. 2016-2017, 2017-18, 2018-19, 2019-2020, 2020-21. Since the business was literally on standstill during pandemic phase, we request you to consider five years experience instead of 3 years.	Please refer Corrigendum # 1 issued in this regard.

46	41		Shared storage	The VMware setup would need some type of storage to provide high availability to the instances , there is no storage mentioned in the RFP . We assume REBIT will provide the suitable storage required to setup the vSphere cluster. Can you please share the existing storage details, Including type of connectivity , available storage etc.	NO external storage.
47	7	5.2 Scope of Work	SSD (Usable) 1Tb per server	Server to be configured with SSD drives in RAID 1 to provide 1TB usable storage space. Please confirm if the understanding is correct	RAID 5
48	7	5.2 Scope of Work	HDD (usable) / Disk Drive Bay 4 Tb per server	Server to configured with SAS/SATA drives in RAID5 to provide 4Tb usable storage space. Please confirm if the understanding is correct	RAID 5
49	8	5.2 Scope of Work	RAM 288 GB	To provide balanced memory configuration for current generation Intel architecture, we have to configure either 256 Gb or 384 Gb. Please confirm on the requirement.	Minimum RAM 288 GB per server, bidder to size accordingly.
50	8	5.2 Scope of Work	Interface-Copper & Fiber - 540-BBUK : Broadcom 57416 Dual Port 10GbE BASE-T & 5720 Dual Port 1GbE BASE-T, rNDC & 540-BBUH : Broadcom 57412 Dual Port 10GbE SFP+ Adapter, PCIe Full Height	1. Can you confirm the number of 10Gb ethernet ports required. As per specifications the total ports is coming to 2 x 10Gbps copper, 2 x 1Gbps and 2 x 10Gbps SFP+ 2. We assume the requirement is for the following cards to be provided on all servers, Please confirm - 1 no. dual-port 10GBaseT adapter 1 no. dual-port 1GbE adapter 1 no. dual-port 10GbE SFP+ adapter	2 x 10Gbps copper
51	8	5.2 Scope of Work	Ports-6 Ports (4 Copper & 2 Fiber)	Please confirm on total number of ports required - ethernet and FC ports. Do we have to include FC HBA for storage connectivity. We assume this is the same as in the specification for "Interface"	No FC Ports
52	8	5.2 Scope of Work	Chassis and power supply-Blade Chassis. 321-BDNX : 2.5 Chassis up to 8 Drives (SA S/SATA), GPU Capable Configuration, 2 or 4 CPU Configuration.	Please confirm if GPU to be configured in the server. If yes, which GPU	No Change
53	7	5.2 Scope of Work	Intel(R) Xeon(R) Platinum 8276 CPU @ 2.20GHz	8276 is older generation. We recommend considering Intel Xeon Gen 3 processors -> Intel Xeon 3rd Gen Gold 6348 2.6Ghz 28 core processor	Latest generation, equivalent and above

58	8 and 41	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Hardware Specifications: Ethernet -1Gbps/10Gpbs/25Gpbs Ports - 6 Ports (4 Copper & 2 Fiber)	Please indicate count of 1Gbps ports. We will consider 1G BaseT. Please indicate count of 10/25Gpbs ports. We will consider SR SFP+ ports	
59	8 and 41	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Chassis and power supply Dual : 450-ADWM : Dual, Hot-plug, Redundant Power Supply (1+1), 1100W (n + 1 or higher redundant hot swappable Power Supply units)	Power supply rating terminologies differ across OEM. We shall propose hot-plug redundant power supplies of appropriate rating as required by the configuration. Please relax accordingly.	Hot-plug redundant power supplies of appropriate rating as required by the configuration.
60	8 and 41	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Security: BIOS Secure, TPM 1.2/2.0, TCM 2.0 optional Cryptographically signed firmware Secure Boot System Lockdown (requires iDRAC Enterprise and Datacenter)	Firmware protection terminology differs by OEMs. We use "digitally signed firmware" and assume that is what is required. Please relax accordingly.	Equivalent firmware protection may be proposed.
61	8,7	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Quantity : 5 Units and Hardware Specifications:	We understand ReBIT has done received necessary sizing input from the software team to meet ReBIT requirements such as Performance, Response time, HA etc.	Yes, please refer RFP scope.
62	7	CHIPSET/Motherboard	329-BEOT : PowerEdge R840/R940xa MLK Motherboard (Latest Server class compatible chipset)	This is a vendor specific specification. We will be proposing servers with current generation of chipset available on the platform	Please refer revised hardware specs prescribed in Corrigendum # 1.
63	7	Slots	330-BBKU : Riser Config1, 4 PCIe slots (2 x16 Full height GRAPHICS slots + 2 x16 Low profile), GPU capable.	"330-BBKU" is a vendor specific part no. We will propose servers with specified PCIe slots	Please refer revised hardware specs prescribed in Corrigendum # 1.
64	7	RAID controller	405-AAOE : PERC H730P RAID Controller, 2GB NV Cache, Adapter, Low Profile	This is a vendor specific specification, and servers shall be proposed with respective vendor's controller model. 1) In case the servers are to be used for VSAN, there is no use of controller cache as the controllers would be used in HBA mode with cache disabled. Please remove the 2GB cache requirement if servers are to be used for VSAN	Please refer revised hardware specs prescribed in Corrigendum # 1.
65	7	Ethernet	1Gbps/10Gpbs/25Gpbs	We assume this specification is asking for 1G, 10G and 25G adapters being supported on the servers.	Please refer revised hardware specs prescribed in Corrigendum # 1.
66	7	Power Supply	Dual : 450-ADWM : Dual, Hot-plug, Redundant Power Supply (1+1), 1100W (n + 1 or higher redundant hot swappable Power Supply units)	This is a vendor specific specification. We shall propose hot-plug redundant power supplies of appropriate rating as required by the configuration.	Please refer revised hardware specs prescribed in Corrigendum # 1.
67	7	Chassis and power supply	Blade Chassis. 321-BDNX : 2.5 Chassis up to 8 Drives (SA S/SATA), GPU Capable Configuration, 2 or 4 CPU Configuration	We assume this refers to the 2 CPU rack server chassis supporting 8 hot-plug drives. Please confirm.	Yes

74	7,8	5.2 Scope of Work	Software Requirements	<p>Under software components you have mentioned vCenter, vcloud suite standard and VMware Tanzu Standard as core based. However on page 8 software specification you have mentioned vCener as per instance, Vcloud suite standard as per cpu and Tanzu standard as core based.</p> <p>1. For software components, total 128 cpu is mentioned. This should be changed to “cores”.</p> <p>2. Pls update and correct this to vCenter as per instance, vCloud suite standard and Tanzu standard as core based.</p> <p>3. Under hardware specification, you have mentioned total 5 Qty of hardware with 56 cores / hardware. Hence total cores coming is 280. Pls confirm, if all this 5 hardware’s will be used for VMWare / Tanzu envt ? if yes, update the total cores under software components to right cores.</p>	128 core for Taznu rest will be used for other VM infra requirements.
75	7	5.2 Scope of Work	Windows Server Standard 2019	16 core licenses per nos considred , then total core will 160 (10*16) .Please confirm if the understanding is correct	Yes, 16
76			No External storage details	External storage connectivity & storage details is not mention in rfp, can we assume no external storage requirement.	Minimum No External storage details per server, bidder to size accordingly.
77	8	5.2 Scope of Work	Software Specifications	Implementation will be done by SI / Partners, can they reach out VMware PS for Tanzu Design, validate and implementation	No Change
78	9	5.2 : Software Specifications	The successful bidder will be expected to provide all necessary back to back support from OEM for delivery and installation of the Servers & VMware Softwares, warranty and required support during the warranty period.	Delivery and installation will be done by the bidder. However, warranty and support will be back to back from the respective Hardware and Software OEMs. ReBIT to clarify and confirm on this.	Bidder to ensure OEM support is available during contract period.
79	9	5.2 : Software Specifications	Software licenses effective date shall be effective as on Go-LIVE sign off or put in use for ReBIT operations.	The support for softwares start the day they are billed in the OEM system, so the licenses effective date will be the date of billing in OEM `s system. Request ReBIT to clarify and amend this point accordingly	ReBIT don't want advance billing for the software licenses which were not put in use.
80	9	5.2 : Software Specifications	Bidder shall supply only those products, which would not be declared end of life until March 31, 2027. Further, the proposed products should also not go End of Support before March 31, 2027.	The tender is for 3 years and if the contract is not further extended, and OEM declares EOL/EOS after end of the contract with the bidder, in such case ReBIT to clarify on the	No Change

			However, in cases where the OEM decides to phase out any particular model, the vendor is required to substitute (upgrade) the product with another product. The bidder must inform well in advance about such changes. In case no substitute model is available, the OEM shall give the notice for discontinuation in writing at least one month prior to such discontinuation. In case of software, the vendor shall supply the latest version available at the time of delivery at no extra cost to ReBIT	ownership of upgrade / substitute another model.	
81	8 and 41	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Software Specifications: VMware vCloud Suite Standard (Perpetual License) CPU based = 12	We understand that 6 nodes are to be provided and not 5. Please confirm or clarify.	Bidder has to design solution and implement to meet infra requirements.
82	8 and 41	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Software Specifications: VMware vCloud Suite Standard (Perpetual License) CPU based = 12	We understand that VMware vCloud Suite does not include vSAN and ReBIT has the necessary vSAN licences	vSAN not required.
83	8 and 42	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Software Specifications: Windows Server Standard 2019 - Nos 10	Please specify how many cores are to be covered by each of these 10 licences. Please clarify or confirm.	8 Core
84	8 and 42	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Software Specifications: Windows Server Standard 2019 - Nos 10	We understand that only 20VMs will be licenced using these 10 licences. Please clarify or confirm.	Okay
85	8	5.2 Scope of Work, Annexure K : Technical Compliance Sheet	Software Specifications: Partner / SI must ensure that overall VMware Solution Implementation is designed and validated by OEM'	Please confirm if the configuration provided matches vSAN ready-node configuration (which is the only validated configuration)	
86	7,8	5.2	Software Specifications:	The software requirements mentions only VMware named stack. There are industry leading alternate stack from Red Hat + Nutanix available which provide functional capabilities matching or better than the asked stack in RFP. Would request ReBIT to relax the single vendor named RFP and allow to propose alternate stack providing matching or better capabilities. With Single OEM vendor named RFP will ReBIT will have disadvantage both in terms of technical solution limitations and pricing. The current ask does not cover Developer and operational related requirements for example,	This is project specific requirement, No Change.

