

- (a) Supply, Installation and Maintenance of Hardware (Chassis, Server etc.) and related Software Licenses required for applications hosted in Virtualization Environment
(b) Shifting of Existing IT Infrastructure and Re-Configuration as per Bank's requirement

Amendments

S No.	Page#/ Clause No.	Section/ Point	Details Provided in RFP	Response to Query / Remarks from Bank
1.	Page-16, Section-I/ Clause -15	SERVICES FROM VMWARE	<ol style="list-style-type: none"> Implementation: Services should be taken from VMware during design and implementation phase. Also, expertise of OEM should be taken while shifting of workloads from Lucknow & Hyderabad to Chennai & Mumbai respectively. Onsite Health Check and Audit of VMWare environment Environmental Stability - Optimize operations by providing best practices and performing periodic health checks for VMware Infrastructure Automated data collection tool VMW infrastructure, inventory, configuration & utilization and provide quarterly trend forecast of utilization. Provide vulnerability analysis and remediation for VMware Products Provide guidance and procedure for upgrades for VMware Products Skills gaps, training, Roadmap awareness of VMware Products Improved management of support requests - Issue coordination, escalation and resolution 	<p>TAM services has to be provided as part of VMware services. The TAM Service should be provided one day per week throughout the contract period. Following will be the scope of TAM:</p> <ol style="list-style-type: none"> Review the solution architected and designed by bidder and ensure that the same is in-line with VMware best practices. Review the plan of action and activities proposed by bidder for shifting of workloads from Lucknow & Hyderabad to Chennai & Mumbai respectively. Onsite Health Check and Audit of VMWare environment Environmental Stability - Optimize operations by providing best practices and performing periodic health checks for VMware Infrastructure Automated data collection tool VMW infrastructure, inventory, configuration & utilization and provide quarterly trend forecast of utilization. Provide vulnerability analysis and remediation for VMware Products Provide guidance and procedure for upgrades for VMware Products Skill gaps, training, Roadmap awareness of VMware Products Improved management of support requests -



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			9. Vendor should provide TAM Service one day a week minimum post completion of implementation phase	Issue coordination, escalation and resolution
2.	Page-15, Section-I/ Clause -14	SCOPE OF THE PROJECT/ Point No. 10	The laying of Fiber cables, rack cable dressing and labelling should be done neatly without any financial implications.	Clause Stands Removed. However, the SFPs at the server side (along with 5m MPO to LC breakout cables) has to be provided by the bidder.
3.	Page-16, Section-I/ Clause -16	ELIGIBILITY CRITERIA	The Bidder should have supplied minimum of 20 Intel processor based servers of the make quoted in the bid to Banks/ Financial Institutions/ Government Organizations in India in each of the last three financial years.	The Bidder should have supplied minimum of 20 Intel processor based servers to Banks/Financial Institutions/ Government Organizations/Large Corporates (with turnover more than 500 Crores) in India in each of the last three financial years.
4.	Page-16, Section-I/ Clause -16	ELIGIBILITY CRITERIA	The Annual turnover should be more than Rs. 150 crores for each of the last three financial years. (2017-18, 2018-19, 2019-20)	The Annual turnover should be more than Rs. 150 crores for each of the last three financial years. (2017-18, 2018-19, 2019-20). Bidders who are registered as MSME units with NSIC and have a valid NSIC certificate, Bank may at its own discretion relax the provisions of turnover clause. This relaxation will be subject to compliance of the bid with all the other terms and conditions of this RFP, bidder's profile evaluation through client references and Technical evaluation of the proposed model of the Solution/Hardware.
5.	Page-16, Section-I/ Clause -16	ELIGIBILITY CRITERIA	Vendor should have implemented VMware vCloud Suite in an environment with minimum 10 nodes in last two financial years (2018-19, 2019-20).	Vendor should have implemented VMware vCloud Suite or VMware vSphere Enterprise Plus with Operations Manager in an environment with minimum 10 nodes in last two financial years (2018-19, 2019-20).

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6.	Page-20, Section-II/Clause-4	PROJECT MILESTONE AND TIME LINE	Total time for Delivery and Installation for hardware should not exceed ten (10) Weeks from the date of Purchase Order.	Total time for Delivery and Installation for hardware should not exceed ten (10) Weeks from the date of acceptance of Purchase Order by the successful bidder. Note: Acceptance to the Purchase Order should be confirmed within 5 working days from the date of issue of Purchase Order.
7.	Page-21, Section-II/Clause-6	MAINTENANCE AND SUPPORT	99% up time to be maintained, calculated on a 24*7 basis per month for all equipment supplied. The penalty applicable for every 0.1 % drop in uptime is 0.1% of the cost of complete solution. The same would be deducted from the AMC/ATS charges payable during the contract period. In case, the penalty amount is more than amount payable by bank towards ATS/AMC, bank reserves the right to invoke the performance security submitted by the successful bidder.	99% up time to be maintained, calculated on a 24*7 basis per month for all equipment supplied. The penalty applicable for every 0.1 % drop in uptime is 0.1% of the cost of complete solution. The same would be deducted from the AMC/ATS charges payable during the contract period. In case, the penalty amount is more than amount payable by bank towards ATS/AMC, bank reserves the right to invoke the performance security submitted by the successful bidder. The overall penalty for maintenance and support is capped at 10% of the Contract Value.
8.	Page-21, Section-II/Clause-9	PAYMENT TERMS/Payment for Hardware	On Delivery: Seventy (70)% of the price of the Hardware delivered will be paid within 30 days of submission of Invoice copy and Proof of delivery duly counter signed by the Bank's Representative, Original/Copy of Transit Insurance Policy and Original of Storage cum erection policy. On Installation & Configuration:	On Delivery: Seventy Five (75) % of the price of the Hardware delivered will be paid within 30 days of submission of Invoice copy and Proof of delivery duly counter signed by the Bank's Representative, Original/Copy of Transit Insurance Policy and Original of Storage cum erection policy. On Installation & Configuration: Fifteen (15)% of the price of the Hardware delivered and installed will be paid on submission of Installation

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			<p>Twenty (20)% of the price of the Hardware delivered and installed will be paid on submission of Installation Certificate duly counter-signed by the Bank's Representative</p> <p>On Shifting & Reconfiguration: Ten (10)% of the price of the Hardware delivered and installed will be paid on completion of shifting and reconfiguration activities (as per scope provided by the Bank). Payment will be released on submission of sign-off certificate duly counter-signed by the Bank's Representative</p>	<p>Certificate duly counter-signed by the Bank's Representative</p> <p>On Shifting & Reconfiguration: Ten (10)% of the price of the Hardware delivered and installed will be paid on completion of shifting and reconfiguration activities (as per scope provided by the Bank). Payment will be released on submission of sign-off certificate duly counter-signed by the Bank's Representative</p>
9.	Page-22, Section-II/Clause-9	PAYMENT TERMS/ Payment for Services from VMware	<p>Implementation Services: 100% of the Cost will be paid post implementation sign off by the bank post shifting of the equipment and reconfiguration</p> <p>Onsite Health Checkup: Payment for TAM Services will be annually in advance post implementation period of the project</p>	<p>TAM Services: Payment for TAM Services will be annually in advance post implementation period of the project</p>
10.	Page-22, Section-II/Clause-9	PAYMENT TERMS/ Subsequent AMC Payment	<p>Post warranty, AMC for the hardware supplied will be payable annually in arrears viz. for 4th, 5th and 6th year.</p>	<p>Post warranty, AMC for the hardware supplied will be payable yearly in advance viz. for 4th, 5th and 6th year.</p>
11.	Page-29, Section-II/Clause-26	GENERAL TERMS		<p>Following are additional clauses:</p> <ul style="list-style-type: none"> The relationship between the Parties is on principal-to-principal basis. Nothing contained herein shall be deemed to create any association, partnership, joint venture or

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				<p>relationship of principal and agent or master and servant, or employer and employee between the parties hereto or any affiliates or subsidiaries or its employees thereof or to provide any Party with the right, power or authority, whether express or implied to create such duty or obligation on behalf of the other party. The parties shall be deemed to be independent contractors and employees of one shall not be deemed to be the employees of the other.</p> <ul style="list-style-type: none"> • Successful bidder/Service Provider shall be the principal employer of the employees, agents, contractors, subcontractors etc., engaged by the successful bidder/Service Provider and shall be vicariously liable for all the acts, deeds, matters or things, of such persons whether the same is within the scope of power or outside the scope of power, vested under the contract. No right of any employment in the Bank shall accrue or arise, by virtue of engagement of employees, agents, contractors, subcontractors etc., by the successful bidder/Service Provider, for any assignment under the contract. All remuneration, claims, wages dues etc., of such employees, agents, contractors, subcontractors etc., of the successful bidder/Service Provider shall be paid by the successful bidder/Service Provider alone and the Bank shall not have any direct or indirect liability or obligation, to pay any charges, claims or wages of any of the



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				successful bidder's/Service Provider's employees, agents, contractors, subcontractors etc. The Successful Bidder/Service Provider shall agree to hold the Bank, its successors, assigns and administrators fully indemnified, and harmless against loss or liability, claims, actions or proceedings, if any, whatsoever nature that may arise or caused to the Bank through the action of Successful Bidder/Service Provider's employees, agents, contractors, subcontractors etc.
12.	Page-36, Part-1, Clause-1	Technical Specifications/Blade Chassis	The Enclosure should have at least 2 Nos. of redundant Fibre Channel switches each having minimum 2 external QSFP port (each having 4 ports of 32 Gbps). The fiber cable to connect the Chassis to the SAN Director has to be provided by the bidder.	Each chassis must be supplied with 2 nos. of redundant converged modules capable to support 100Gb per port, configured with minimum 8 * 10Gb (SFP+) Ethernet uplinks & 8 * 32Gbps FC uplinks per Chassis. Required transceivers and breakout cables have to be provided by the bidder. Proposed modules should support non-blocking architecture. In case, bidder is proposing external Interconnect switches with ports as mentioned above (not integrated in Chassis), the bidder has to provide 2 nos. of external interconnect switches with every 2 nos. of Chassis being supplied. (eg. 2 Switches with 2 Chassis, 4 Switches with 3-4 Chassis).
13.	Page-38, Part-I, Clause-2	Technical Specifications/Blade Servers	Processor - Intel® Xeon® Platinum – 8380HL, 2.90 GHz, 38.50 MB cache, 28 Cores	Processor - Intel® Xeon® Gold – 6258R, 2.70 GHz, 38.50 MB cache, 28 Cores
14.	Page-38, Part-I, Clause-2	Technical Specifications/Blade Servers	Disk Drives - 2 x 480 GB, 12 Gbps hot-plug SSD Disk Drive	Disk Drives - 2 x 480 GB, 6/12 Gbps hot-plug SSD Disk Drive

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15.	Page-38, Part-I, Clause-2	Technical Specifications/Blade Servers	Ethernet Adapter & Fiber Channel HBA Connectivity - Server should be configured with redundant Fiber (32 Gbps) & Ethernet port (10/25 Gig) with support for load balancing & failover. Additional NIC dedicated for Remote Management. There should be scope, in case Bank decides to increase the NIC/Fiber ports per blade / chassis.	Ethernet Adapter & Fiber Channel HBA Connectivity - The server should provide minimum of 40 Gbps of bandwidth with Converged network adapter dual port card with support for load balancing & failover.
16.	Page-38, Part-I, Clause-2	Technical Specifications/Blade Servers	Expansion Slots - Minimum of 2 PCI-e based x8/x16 slots supporting Ethernet/FC adapters	Clause stands removed
17.	Page-39, Part-I, Clause-3	Technical Specifications/Rack Servers	HDD Required - The System should be supplied with 2 nos. of 600 GB SAS 12gbps and should be configured in RAID 10 with hot spare	HDD Required - The System should be supplied with 3 nos. of 600 GB SAS 6/12gbps and 2 disks should be configured in RAID 1 with 1 disk acting as hot spare
18.	Page-39, Part-I, Clause-4	Technical Specifications/Racks	Quantity - 5 Nos. at Data Center, Chennai and 5 Nos. at DR site, Mumbai	Quantity - 3 Nos. at Data Center, Chennai and 3 Nos. at DR site, Mumbai
19.	Page-39, Part-I, Clause-4	Technical Specifications/Racks	Rack should be same make as that of Chassis/server make i.e. OEM make	Rack should be same make as that of Chassis/server make i.e. OEM make or of standard make viz. APC or Schneider Electric
20.	Page-39, Part-I, Clause-4	Technical Specifications/Racks	One number Earthing Kit, One number Cable Manager Horizontal 1U	One number Cable Manager Horizontal 1U and Self grounding rack
21.	Page-39, Part-I, Clause-4	Technical Specifications/Racks	Copper based Electrical Grounding / Earthing Strip	Clause Stands removed
22.	Page-39, Part-I, Clause-4	Technical Specifications/Racks	The bidder should provide 4 (four) nos. of Power Distribution Units (PDU) - PDU should have a 32A MCB, a neon Indicator, 8 x IEC C13 Sockets (5 A / 15 A) and at least 3.0 meter cable for connection to the external power source	The bidder should provide 4 (four) nos. of Power Distribution Units (PDU) - PDU should have a 32A MCB, a neon Indicator, 8 x IEC C13/IEC19 Sockets and at least 3.0 meter cable for connection to the external power source.

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23.	Page-39, Part-I, Clause-4	Technical Specifications/Racks	Compliance to EIA-310-D standard	Compliance to EIA-310-E standard
24.	Page-40, Part-I, Clause-5	Technical Specifications/Software Bill of Material	19 no. of MS SQL Enterprise (2 core Pack) with 6 years SA	Requirement is deleted
25.	Page-60, Annexure-7	Non-Disclosure Agreement	The parties have entered into agreement dated _____ for outsourcing the activity of Data Migration from old generation magnetic tapes to newer generation of magnetic tapes "(herein after referred to as "purpose")" and established business relationship between themselves. In the course of execution of business relationship, it is anticipated that the parties may disclose or deliver to the other certain or some of its trade secrets or confidential or proprietary information for the purpose of business relationship.	The parties have entered into agreement dated _____ for Supply, Installation and Maintenance of Hardware (Chassis, Server etc.) and related Software Licenses required for applications hosted in Virtualization Environment and Shifting of Existing IT Infrastructure and Re-Configuration as per Bank's requirement "(herein after referred to as "purpose")" and established business relationship between themselves. In the course of execution of business relationship, it is anticipated that the parties may disclose or deliver to the other certain confidential information or some of its trade secrets or confidential or proprietary information for the purpose of business relationship.
26.	Page-60, Annexure-7	Non-Disclosure Agreement/Confidential Information	Confidential information means all information disclosed/ furnished by either party to another party in connection with the business transacted/ to be transacted between the parties. Confidential information shall include any copy, abstract, extract, sample, note or module thereof and electronic material or records.	Confidential information means all information disclosed/ furnished by either party to another party in course of performance of obligations by the Parties under the above agreement and/or in connection with the Purpose. Confidential information shall include any customer data, business information of the Bank or any copy, abstract, extract, sample, note or module thereof and electronic material or records.

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27.	Page-60, Annexure-7	Non-Disclosure Agreement/Indemnity Clause	Not available (additional clause)	The receiving party should indemnify and keep indemnified, saved, defended, harmless against any loss, damage, cost etc., incurred and/or suffered by the disclosing party arising out of breach of confidentiality obligations under this agreement by the receiving party etc., officers, employees, agents or consultants

