

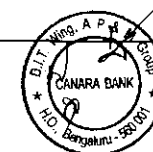
Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
1	9	7. Requirement Details:	<u>Point No. 7.1.e</u> RHEL 7.0 Enterprise Server Operating Systems--13 No.s of Server License & <u>Point No. 7.1.f</u> RHEL 7.2 Enterprise Server Operating Systems--5 No.s of Server License	OEM will supply latest version only	Bidder has to supply the license for the latest version of RHEL and have to install the OS version as required by the Bank.
2	9	7. Requirement Details:	g. Linux CentOS --2 No.s of Server License	CentOS is the freeware license, so we assume bank doesn't required any Paid service for CentOS	The requirement is changed to RHEL 7.2 or later. Kindly refer the Amendment-1.
3	9	7.1g	Linux CentOS, Server License	This is a freeware Linux distribution. Is the bidder required to supply only the media.	The requirement is changed to RHEL 7.2 or later. Kindly refer the Amendment-1.
4	9	8. Scope of Work:	<b>8.2. Project Completion and Management</b> 8.2.1. For smooth completion of project the Bidder should identify one or two of its representatives at Bengaluru as a single point of contact for the Bank. <b>8.2.2. Project implementation team should be conversant with local rules and conditions to resolve the issues, if any.</b>	Does this involves the SPOC to be Resident at Bank or can he manage from Bidder office in Bengaluru. If Bank insists SPOC as resident at Bank then Bank to have a line item in price bid format for such requirement	No. However, Bidder has to meet the uptime requirement and MTTR timelines.
5	14	15. Earnest Money Deposit (EMD)/Bank Guarantee In Lieu Of EMD:	15.1. The bidder shall furnish Non interest earning Earnest Money Deposit (EMD) of Rs.15,00,000/- (Rupees Fifteen Lakhs Only) by way of Demand Draft drawn on any Scheduled Commercial Bank In India in favour of Canara Bank, payable at Bengaluru and should be kept along with the Part-A-Conformity to Eligibility Criteria.	Request Bank to change it to : The bidder shall furnish non-interest earning Earnest Money Deposit (EMD) of <b>10,00,000 (Rupees Ten Lakhs Only)</b> by way of Demand Draft drawn on any scheduled commercial Bank in India in favour of Canara Bank, payable at Bengaluru and should be kept along with the Part-A- Conformity to Eligibility Criteria.	Bidder has to comply with RFP Terms.
6	23	40. Security Deposit / Performance Bank Guarantee:	40.1. The successful bidder should submit a Security Deposit / Performance Guarantee for 15% of total value of the contract within 15 days from the date of acceptance of the Order.	10% or less is industry accepted norms on security deposit, please amend to 10% or less	Bidder has to comply with RFP Terms.
7	23	40. Security Deposit / Performance Bank Guarantee:	40.1. The successful bidder should submit a Security Deposit / Performance Guarantee for 15% of total value of the contract within 15 days from the date of acceptance of the Order.	Request Bank to change it to : The successful bidder should submit a security deposit/ Performance Guarantee for <b>10% of total value of the contract</b> within 15 days from the date of acceptance of the order.	Bidder has to comply with RFP Terms.
8	23	40. Security Deposit / Performance Bank Guarantee:	40.1. The successful bidder should submit a Security Deposit / Performance Guarantee for 15% of total value of the contract within 15 days from the date of acceptance of the Order.	We request you to kindly change Security deposit / performance Guarantee to 10% of total value of the contract.	Bidder has to comply with RFP Terms.
9	23	40. Security Deposit / Performance Bank Guarantee:	40.1. The successful bidder should submit a Security Deposit / Performance Guarantee for 15% of total value of the contract within 15 days from the date of acceptance of the Order.	Requesting Security deposit/PBG for 10% of total value	Bidder has to comply with RFP Terms.



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10	23	40. Security Deposit / Performance Bank Guarantee:	40.2. If the Security Deposit /Performance Guarantee is not submitted within the time stipulated above, penalty at 0.50% (Plus GST) for each completed calendar week of delay or part thereof on the cost of the order will be deducted from the delivery payment or from any other payments for the delay in submission of Bank Guarantee. The total penalty under this clause shall be restricted to 5% (Plus GST) of the total order value.	Request Bank to change the clause : If the Security Deposit /Performance Guarantee is not submitted within the time stipulated above, penalty at 0.50% (Plus GST) for each completed calendar week of delay or part thereof on the cost of the order will be deducted from the delivery payment or from any other payments for the delay in submission of Bank Guarantee. The total penalty under this clause shall be restricted to 2% (Plus GST) of the total order value (Exclusive of Tax).	Bidder has to comply with RFP Terms.
11	23	40. Security Deposit / Performance Bank Guarantee:	40.4. Security Deposit/Performance Bank Guarantee should be valid for 5 years from the date of last installation and shall be retained till the completion of warranty period. The guarantee should also contain a claim period of Three months from the last date of validity.	Please consider performance Bank Guarantee shall be valid for 3 years from the date of installation. After completion of warranty period the bidder shall submit another performance Bank Guarantee for Two years for AMC period if contracted.	Bidder has to comply with RFP Terms.
12	23	40. Security Deposit / Performance Bank Guarantee:	40.4. Security Deposit/Performance Bank Guarantee should be valid for 5 years from the date of last installation and shall be retained till the completion of warranty period. The guarantee should also contain a claim period of Three months from the last date of validity.  40.6. The security deposit / bank guarantee will be returned to the bidder on completion of Warranty Period.	While warranty period is 3 years, security deposit asked is for 5 years. Further it contradicts with clause 40.6 that the SD/BG will be returned to the Bidder on completion of the project and warranty period which is 3 years.  We request SD/PBG to be valid for the warranty and claim period only.  As AMC/ATS is conditional and subjected to placing order at future time, a separate 10% PBG on AMC/ATS charges can be provided at the end of warranty period for AMC/ATS period.	<b>RFP clause is modified as under:</b> "40.6. The security deposit / bank guarantee will be returned to the bidder on completion of Contract Period (if contracted)"
13	24	42. Delivery, Installation, Integration and Commissioning:	42.2. Delivery of all Servers and Other Items should be within 5 weeks from the date of acceptance of the Purchase Order for non-road permit locations. The Delivery period for Road Permit locations will be 6 Weeks. Please note that no extra charges will be paid for those locations where road permit is required. Vendor has to arrange for road permit at his own cost. It will be the sole responsibility of the vendor to submit any form required for release of shipment from the check post.	Delivery with in 8-10 week from the date of acceptance of Purchase Order.	Bidder has to comply with RFP Terms.
14	24	42. Delivery, Installation, Integration and Commissioning:	42.2. Delivery of all Servers and Other Items should be within 5 weeks from the date of acceptance of the Purchase Order for non-road permit locations. The Delivery period for Road Permit locations will be 6 Weeks. Please note that no extra charges will be paid for those locations where road permit is required. Vendor has to arrange for road permit at his own cost. It will be the sole responsibility of the vendor to submit any form required for release of shipment from the check post.	OEM standard leadtime for supply is 6 weeks. And Bidder requires atleast 1 week for delivery at sites. Kindly provide 7 weeks for delivery	Bidder has to comply with RFP Terms.



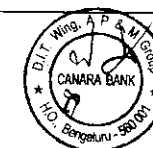
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15	24	42. Delivery, Installation, Integration and Commissioning:	42.2. Delivery of all Servers and Other Items should be within 5 weeks from the date of acceptance of the Purchase Order for non-road permit locations. The Delivery period for Road Permit locations will be 6 Weeks. Please note that no extra charges will be paid for those locations where road permit is required. Vendor has to arrange for road permit at his own cost. It will be the sole responsibility of the vendor to submit any form required for release of shipment from the check post.	Request Bank to change the clause : Delivery of all Servers and Other Items should be within 8 weeks from the date of acceptance of the Purchase Order for non-road permit locations. The Delivery period for Road Permit locations will be 9 Weeks. Please note that no extra charges will be paid for those locations where road permit is required. Vendor has to arrange for road permit at his own cost. It will be the sole responsibility of the vendor to submit any form required for release of shipment from the check post..	Bidder has to comply with RFP Terms.
16	24	42. Delivery, Installation, Integration and Commissioning:	42.2. Delivery of all Servers and Other Items should be within 5 weeks from the date of acceptance of the Purchase Order for non-road permit locations. The Delivery period for Road Permit locations will be 6 Weeks. Please note that no extra charges will be paid for those locations where road permit is required. Vendor has to arrange for road permit at his own cost. It will be the sole responsibility of the vendor to submit any form required for release of shipment from the check post.	We request you to please change the clause as, delivery of all Servers and other items should be within 8 weeks from the date of acceptance of Purchase order for non-road permit locations. The delivery period for Road permit locations will be 9 weeks.	Bidder has to comply with RFP Terms.
17	24	42. Delivery, Installation, Integration and Commissioning:	42.2. Delivery of all Servers and Other Items should be within 5 weeks from the date of acceptance of the Purchase Order for non-road permit locations. The Delivery period for Road Permit locations will be 6 Weeks. Please note that no extra charges will be paid for those locations where road permit is required. Vendor has to arrange for road permit at his own cost. It will be the sole responsibility of the vendor to submit any form required for release of shipment from the check post.	We request min 8 weeks for delivery & 4 weeks for installation.	Bidder has to comply with RFP Terms.
18	24	42. Delivery, Installation, Integration and Commissioning:	42.3. The successful bidder should ensure installation, configuration, Integration and commissioning of the delivered Hardware & Software and complete all the works specified in the Scope of Work at the bank branch/office within 2 weeks from the date of delivery of all the materials for each ordered locations.	Pls extend the same to 2 months including both locations Deployment of ATP solution at DC and DR requires one month of effort in each location including OEM support if required. Following are the sequence of activities at one location 1.Project Kick-off - 1 Day 2.BOQ verification - 2 Days 3.Work shop with client to discuss the solution for implementation - 1 Day 4.Configuration template preparation - 5 Days 5.Off line configuration of the devices - 10 days 6. OEM / Tac support - 3 Days 6. Testing and troubling shooting - 3 Days 7.Final configuraiton - 6 days	Bidder has to comply with RFP Terms.
19	24	42. Delivery, Installation, Integration and Commissioning:	42.2. Delivery of all Servers and Other Items should be within 5 weeks from the date of acceptance of the Purchase Order for non-road permit locations. The Delivery period for Road Permit locations will be 6 Weeks. Please note that no extra charges will be paid for those locations where road permit is required. Vendor has to arrange for road permit at his own cost. It will be the sole responsibility of the vendor to submit any form required for release of shipment from the check post.	Request bank to change delivery period to 7 weeks/8 weeks(road permit) and installation period to 4 weeks	Bidder has to comply with RFP Terms.



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20	24	42. Delivery, Installation, Integration and Commissioning:	42.3. The successful bidder should ensure installation, configuration, Integration and commissioning of the delivered Hardware & Software and complete all the works specified in the Scope of Work at the bank branch/office within 2 weeks from the date of delivery of all the materials for each ordered locations.	As the scope is more, involves multi-location, dependencies, a good amount of technical coordination and dependencies required between Bidder and Bank. Kindly provide 4 weeks for same	Bidder has to comply with RFP Terms.
21	24	42. Delivery, Installation, Integration and Commissioning:	42.3. The successful bidder should ensure installation, configuration, Integration and commissioning of the delivered Hardware & Software and complete all the works specified in the Scope of Work at the bank branch/office within 2 weeks from the date of delivery of all the materials for each ordered locations.	Since the Bill of Material is huge, required minimum 5 weeks time of installation. Hence we request you to please change the clause as installation, configuration, integration & commissioning of delivered Hardware & software within 5 weeks from the date of delivery	Bidder has to comply with RFP Terms.
22	24	43. Acceptance	43.1. Bank will evaluate the offered Solution implemented by the bidder, if during the implementation period, the Solution experiences no failures and functions according to the requirements of the RFP, as determined by the Bank; the Solution shall be considered accepted by the Bank and the project will be considered deemed signed-off.	We request to add deemed acceptance also i.e: " In case there is any delay from bank side in accepting the solution, solution will be considered deemed accepted after 15 days of installation & the payments will be released"	Bidder has to comply with RFP Terms.
23	24	43. Acceptance	43.3. The warranty will cover all supplied components includes software and will start after project acceptance & Signoff.	We request to start warranty from the date of delivery same as provided by OEM.	Bidder has to comply with RFP Terms.
24	25	44. Pre-Dispatch Inspection (PDI):	44.1. The Bank and/or its nominated officials/consultants may carry out pre-dispatch inspection of all ordered equipment or any part thereof before delivery. On account of PDI, there will not be any change in delivery terms and conditions. However, the bank will have the discretion to conduct PDI.	Request Bank to provide one more week for offering PDI apart from delivery timelines	Bidder has to comply with RFP Terms.
25	25 & 66	46. Uptime: & Annexure-11 Scope of Work	46.1. The bidder shall guarantee a 24x7 availability with monthly uptime of 99.90% for the solution as specified in Annexure-10, during the period of the Contract and also during AMC, if contracted, which shall be calculated on monthly basis. & 54. Bidder has to guarantee minimum uptime of 99.95% and should be ready to execute service level agreement for the same.	Ambiguity in both the statements please clarify	Kindly refer the Amendment-1 for the scope of work.



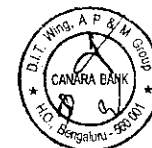
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26	26	47. Penalties/Liquidated Damages:	<p>47.1. Penalties/Liquidated damages for delay in Delivery and Installation of Software would be as under.</p> <p>47.1.1. Non-compliance of the Supply/delivery clause (42.2) will result in the Bank imposing penalty of 0.50% (Plus GST) on delay in delivery per week or part thereof, on the invoice value location/office address wise.</p> <p>47.1.2. Non-compliance of the Installation, configuration and implementation as per clause (42.3) will result in the Bank imposing penalty of 0.50% (Plus GST) on delay on installation per week or part thereof, on the invoice value location/office address wise.</p> <p><u>47.1.3. However, the total Penalty/LD to be recovered under above clauses 47.1.1, and 47.1.2 shall be restricted to 10% (Plus GST) of the total value of the order.</u></p>	Request bank to cap the penalty to 5%	Bidder has to comply with RFP Terms.
27	26	47. Penalties/Liquidated Damages:	<p>47.1. Penalties/Liquidated damages for delay in Delivery and Installation of Software would be as under.</p> <p>47.1.1. Non-compliance of the Supply/delivery clause (42.2) will result in the Bank imposing penalty of 0.50% (Plus GST) on delay in delivery per week or part thereof, on the invoice value location/office address wise.</p> <p>47.1.2. Non-compliance of the Installation, configuration and implementation as per clause (42.3) will result in the Bank imposing penalty of 0.50% (Plus GST) on delay on installation per week or part thereof, on the invoice value location/office address wise.</p> <p>47.1.3. However, the total Penalty/LD to be recovered under above clauses 47.1.1, and 47.1.2 shall be restricted to 10% (Plus GST) of the total value of the order.</p>	Request Bank to change the penalty clause : However, the total Penalty/LD to be recovered under above clauses 47.1.1, and 47.2.1 shall be restricted to 5% (Plus GST) of total value of the order.	Bidder has to comply with RFP Terms.
28	26	47. Penalties/Liquidated Damages:	<p>47.2. Penalties/Liquidated damages for not maintaining uptime:</p> <p>47.2.1. If the bidder fails to maintain the guaranteed uptime during Warranty and AMC period, Penalty for uptime will be deducted as under:</p> <p>1) 98.90% to &lt; 99.90% - 0.10% plus GST on total order value for every hour or part thereof</p> <p>2) 97.90% to 98.90% - 0.20% plus GST on total order value for every hour or part thereof. 3)</p> <p>96.90% to 97.90% - 0.30% plus GST on total order value for every hour or part thereof. 4)</p> <p>95.00% to 96.90% - 0.5% plus GST on total order value for every hour or part thereof. 5)</p> <p>&lt; 95.00% - 1.00 plus GST on total order value for every hour or part thereof.</p>	<p>We request to change the clause as, 1) 98.90% to &lt; 99.90% - 0.05% plus GST on total order value for every hour or part thereof</p> <p>2) 97.90% to 98.90% - 0.10% plus GST on total order value for every hour or part thereof. 3)</p> <p>96.90% to 97.90% - 0.15% plus GST on total order value for every hour or part thereof. 4)</p> <p>95.00% to 96.90% - 0.25% plus GST on total order value for every hour or part thereof. 5)</p> <p>&lt; 95.00% - 0.5% plus GST on total order value for every hour or part thereof.</p>	Bidder has to comply with RFP Terms.



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29	26	47. Penalties/Liquidated Damages:	47.2. Penalties/Liquidated damages for not maintaining uptime: <u>47.2.2. The maximum penalty levied shall not be more than the 50% (Plus GST) of AMC amount payable for one Year.</u>	Request bank to cap the penalty to 5%	Bidder has to comply with RFP Terms.
30	26	47. Penalties/Liquidated Damages:	47.2. Penalties/Liquidated damages for not maintaining uptime: 47.2.2. The maximum penalty levied shall not be more than the 50% (Plus GST) of AMC amount payable for one Year.	We request to change : "47.2.2. The maximum penalty levied in a year shall not be more than the 10% of AMC amount payable for one Year for that particular equipment	Bidder has to comply with RFP Terms.
31	26	47. Penalties/Liquidated Damages:	47.2. Penalties/Liquidated damages for not maintaining uptime: 47.2.2. The maximum penalty levied shall not be more than the 50% (Plus GST) of AMC amount payable for one Year.	Request Bank to change the penalty clause : The maximum penalty Levied as per above clause (47.3.1) shall not be more than the <b>10% (Plus GST) of AMC amount payable(exclusive of Taxes) for one Year.</b>	Bidder has to comply with RFP Terms.
32	26	47. Penalties/Liquidated Damages:	47.2. Penalties/Liquidated damages for not maintaining uptime: 47.2.2. The maximum penalty levied shall not be more than the 50% (Plus GST) of AMC amount payable for one Year.	Request to amend it as Maximum penalty leived shall not be more than the 20 % (Plus GST) of AMC amount payable for one Year.	Bidder has to comply with RFP Terms.
33	26	47. Penalties/Liquidated Damages:	47.2. Penalties/Liquidated damages for not maintaining uptime: 47.2.3. If monthly uptime is less than 95%, the Bank shall levy penalty as above and shall have full right to terminate the contract under this RFP or AMC, if contracted. The right of termination shall be in addition to the penalty. The above penalty shall be deducted from any payments due to the bidder (including AMC payments).	Request Bank to change the penalty clause restricted to either put the penalty or termination of the contract and not both.	Bidder has to comply with RFP Terms.
34	26	47	Penalties/Liquidated Damages:	Nothing withstanding anything contained here, including annexures etc, the maximum aggregate penalty against the bidder for all claims, by which ever name so called, shall be limited to 3% of the respective SOW/PO and shall be in lieu of all available remedies. Request Bank to change the same.	Bidder has to comply with RFP Terms.
35	26	47. Penalties/Liquidated Damages:	47.5. All the above LDs are independent of each other and are applicable separately and concurrently.	We request that maximum penalty charged in during warranty shall not exceed 10% of the quoted AMC value per year. During AMC (if opted)Max. deduction of non-performance charges shall be limited to 5% of the quarterly bills. However these deductions are limited to respective quarter only and will not be carried forward to subsequent quarters in case of NPC charges exceeds the limit of 5%.	Bidder has to comply with RFP Terms.
36	27	49. Payment Terms:	49.1. Payment schedule will be as under: a. Delivery-50% b. Installation-50%	Bank normal payment terms are 70% on delivery, 30% on installation	Kindly refer the Amendment-1.
37	27	49. Payment Terms:	49.1. Payment schedule will be as under: a. Delivery-50% b. Installation-50%	1. Request bank to change the payment terms to the below - <b>80%</b> on delivery of all hardware and software items on production of relevant documents. <b>20%</b> Will be released after successful installation, configuration & commissioning of hardware and software items supplied as per the scope of work and technical requirements.	Kindly refer the Amendment-1.



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38	27	49. Payment Terms:	49.1. Payment schedule will be as under: a. Delivery-50% b. Installation-50%	We request Bank to change the clause as, 80% on delivery. Balance 20% shall be released after successful installation, configuration & commissioning of Hardware & software items supplied as per the SoW	Kindly refer the Amendment-1.
39	27	49. Payment Terms:	49.1. Payment schedule will be as under: <u>a. Delivery-50%</u> b. Installation-50%	Requesting to modify the clause as 80% on delivery of hardware	Kindly refer the Amendment-1.
40	27	49. Payment Terms:	49.1. Payment schedule will be as under: a. Delivery-50% b. Installation-50%	Requesting to modify the clause as 20% on installation, Configuration & Commissioning	Kindly refer the Amendment-1.
41	27	49. Payment Terms:	49.1. Payment schedule will be as under: a. Delivery-50% b. Installation-50%	Request to change : -80% on delivery -20% on Installation, configuration a commissioning	Kindly refer the Amendment-1.
42	27	49. Payment Terms:	49.1. Payment schedule will be as under: a. Delivery-50% b. Installation-50%	Request to change payment terms to -90% on delivery & 10% against Installation	Kindly refer the Amendment-1.
43	28	50. Order Cancellation/Termination of Contract:	50.1. The Bank reserves its right to cancel the entire / unexecuted part of the Purchase Order at any time by assigning appropriate reasons and recover expenditure incurred by the Bank in addition to recovery of liquidated damages in terms of the contract, in the event of one or more of the following conditions: 50.1.1. Delay in delivery beyond the specified period for delivery. 50.1.2. Serious discrepancies noted in the items delivered. 50.1.3. Breaches in the terms and conditions of the Order. 50.3. Bank shall serve the notice of termination to the bidder at least 30 days prior, of its intention to terminate services during AMC period (If contracted).	Bank may terminate the contract for reasons to be recorded in writing by 90 days written termination notice/ Cure period to the Bidder. In case of termination of the contract, Owner shall be liable to pay the bidder any dues payable till the effective date of termination.	Bidder has to comply with RFP Terms.
44	28	50. Order Cancellation/Termination of Contract:	50.4. In case the selected bidder fails to deliver the quantity as stipulated in the delivery schedule, the Bank reserves the right to procure the same or similar materials from alternate sources at the risk, cost and responsibility of the selected bidder by giving 7 days prior notice to the bidder.		Bidder has to comply with RFP Terms.



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45	28	50. Order Cancellation/Termination of Contract:	50.4. In case the selected bidder fails to deliver the quantity as stipulated in the delivery schedule, the Bank reserves the right to procure the same or similar materials from alternate sources at the risk, cost and responsibility of the selected bidder by giving 7 days prior notice to the bidder. 50.5. After the award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, the Bank reserves the right to get the balance contract executed by another party of its choice by giving one months notice for the same. In this event, the selected bidder is bound to make good the additional expenditure, which the Bank may have to incur for the execution of the balance of the order/contract. Such additional expenditure shall be incurred by the bank within reasonable limits & at comparable price prevailing in the market. This clause is also applicable, if for any reason, the contract is cancelled.	Risk purchase shall be capped at 10% of the additional amount incurred & shall be invoked after a suitable cure period with minimum of 30 days. Request Bank to change the same.	Bidder has to comply with RFP Terms.
46	28	50	Order Cancellation/Termination of Contract:	Clause 51.1.3 has to be removed. Clause 1 & 2 are covering SLA non adherence & material breach of the contract. Request cure period of 30 days for termination with cause. Request notice period of 90 days for termination for convenience	Bidder has to comply with RFP Terms.
47	28	50	Order Cancellation/Termination of Contract:	Below clause is to be added- In the event of termination by customer, the Bidder shall be paid for the: 1. goods delivered 2. services rendered 3. work in progress 4. unpaid AMCs 5. third party orders in pipeline which cannot be cancelled despite Bidder's best efforts 5. unrecovered investments shall be paid by customer as per termination schedule till the date of termination	Bidder has to comply with RFP Terms.
48	28	50. Order Cancellation/Termination of Contract:	50.5. After the award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, the Bank reserves the right to get the balance contract executed by another party of its choice by giving one months notice for the same. In this event, the selected bidder is bound to make good the additional expenditure, which the Bank may have to incur for the execution of the balance of the order/contract. Such additional expenditure shall be incurred by the bank within reasonable limits & at comparable price prevailing in the market. This clause is also applicable, if for any reason, the contract is cancelled.	We request to add: After the award of the contract, if the selected bidder does not perform satisfactorily or delays execution of the contract, the Bank reserves the right to get the balance contract executed by another party of its choice by giving <b>Three</b> months notice for the same. In this event, the selected bidder is bound to make good the additional expenditure ( <b>this additional expenditure is limited to 10% of the quoted value for that particular item/service</b> ) which the Bank may have to incur for the execution of the balance of the order/contract. Such additional expenditure shall be incurred by the bank within reasonable limits E. at comparable price prevailing in the market. This clause is also applicable, if for any reason, the contract is cancelled	Clause suggested by the Bidder is not accpeted by the Bank. Bidder has to comply with RFP Terms.





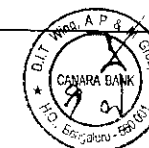
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49	29	51. Local Support:	51.4. The Support should be for an unlimited number of incidents reported to them and provides a practical solution to resolve the issue. The support should be provided in person and to the DC- Bengaluru and DRC-Mumbai location over phone, E mail web based, if required. All escalations will be attended / responded-promptly <u>not later than 2 hour of reporting.</u>	Please change clause as, All escalations will be attended / responded - promptly not later than 4 hour of reporting	Bidder has to comply with RFP Terms.
50	29	51. Local Support:	51.7. Response Time and Meantime to Restore [MTTR] 51.7.1. Response Time and Meantime to Restore [MTTR] <u>51.7.2. Response Time shall be 2 hours and MTTR shall be 4 hours. Time specified above is from lodging of complaint.</u>	Please change clause as, Response time shall be 4 hrs. as 2 hrs is too lesser time and MTTR shall be 8 hours	Bidder has to comply with RFP Terms.
51	30	55. Annual Maintenance Contract(AMC)/Annual Technical Support(ATS):	55.2. The Bank, at its discretion may enter into Annual Maintenance Contract AMC of hardware and software supplied with the Bidder after completion of respective warranty periods.	Since TCO is of 5 year we request confirm PO for 5 year , OR else Annual Maintenance Contract AMC of hardware and software shall be discussed with the Bidder after completion of respective warranty periods	Bidder has to comply with RFP Terms.
52	30	55. Annual Maintenance Contract(AMC)/Annual Technical Support(ATS):	55.4. The Bank will pay AMC charges for Servers (including OS) and Other Items after the end of warranty period. Such payment shall be released quarterly in arrears after satisfactory completion of service during the period and submission of reports and invoices.	We request AMC payment yearly in advance	Bidder has to comply with RFP Terms.
53	31	58. Mean Time Between Failures (MTBF):	If during the warranty period and AMC period [If contracted], any hardware and/or software items fails on three or more occasions in a quarter, such hardware items shall be replaced by equivalent / superior new hardware items by the bidder at no additional cost to the Bank.	Please amend it as If during the warranty period and AMC period (If Contracted), any hardware and/or software items fails on five or more occasions in a quarter, such hardware items shall be repaired/replaced by equivalent/superior hardware items by the bidder at no additional cost of the Bank	Bidder has to comply with RFP Terms.
54	31	59. Defect liability	In case any of the supplies and equipment delivered under the Contract are found to be defective as to material and workmanship and / or not in accordance with the requirement, and/or do not achieve the guaranteed performance as specified herein, within the warranty and AMC period (if contracted) of the contract, the Bidder shall forthwith replace/make good such defective supplies at no extra cost to the bank without prejudice to other remedies as may be available to the bank as per RFP terms.	Bidder shall pass on all warranties 'as is' from the OEMs. Anything beyond such warranties will not be applicable - however, the industry standard warranties shall address Bank's requirements.	Bidder has to comply with RFP Terms.
55	31	59. Defect liability	In case any of the supplies and equipment delivered under the Contract are found to be defective as to material and workmanship and / or not in accordance with the requirement, and/or do not achieve the guaranteed performance as specified herein, within the warranty and AMC period (if contracted) of the contract, the Bidder shall forthwith replace/make good such defective supplies at no extra cost to the bank without prejudice to other remedies as may be available to the bank as per RFP terms.	Since bidder is not an OEM, Warranties will be passed same as received form OEM.	Bidder has to comply with RFP Terms.



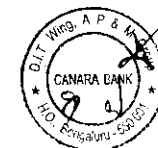
Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
56	32	E. GENERAL CONDITIONS:	61. Intellectual Property Rights:	Bidder can only pass on all OEM warranties in toto but not give broad warranties as stipulated. Since IP indemnity is already provided, further warranties will be onerous with risk of double dipping. Kindly acknowledge.	Bidder has to comply with RFP Terms.
57	33	E. GENERAL CONDITIONS:		To make the contract reasonable and commercially viable as per standard practice observed within the industry, we request that the clarity be provided in the agreement that Indemnity shall only be restricted to third party claim for (i) IPR Infringement indemnity, and (ii) bodily injury and death and tangible property damage due to gross negligence and willful misconduct. Also please confirm that the process of indemnification shall provide the requirement of notice, right to defend and settle, and the concept of apportionment (liable only to the extent of its claim), mitigation and carve-outs	Bidder has to comply with RFP Terms.
58	33	63. Indemnity:	63.3. Bidder's aggregate liability shall be subject to an overall limit of the total Cost of the project.	We request Bank to cap the aggregate liability to total contract value under the applicable Purchase Order (instead of cost of project) for sake of clarity.	Bidder has to comply with RFP Terms.
59	33	63. Indemnity:	63.1. The bidder shall keep and hold the Bank indemnified and harmless from time to time and at all times against all actions, proceedings, claims, suits, liabilities(including statutory liability), penalties, demands, charges, costs (including legal costs) and expenses, damages, losses and any other expenses which may be caused to or suffered by or made or taken against the Bank arising out of: 63.1.1. The breach, default or non-performance of undertakings, warranties, covenants or obligations by the bidder; 63.1.2. Any contravention or Non compliance with any applicable laws, regulations, rules, statutory or legal requirements by the bidder;	The bidder shall keep and hold the Bank indemnified and harmless from time to time and at all times against all <u>third party</u> actions, proceedings, claims, suits, liabilities(including statutory liability), penalties, demands, charges, costs (including legal costs) and expenses, damages, losses and any other expenses which may be caused to or suffered by or made or taken against the Bank arising out of:  63.1.1. The breach, default or non-performance of undertakings, warranties, covenants or obligations by the bidder; 63.1.2. Any contravention or Non compliance with any applicable laws, regulations, rules, statutory or legal requirements by the bidder; In all respects, such liabilities shall be limited to the Total cost of ownership of the project.  <u>Notwithstanding contained herein or elsewhere, Bidder's failure to perform its contractual responsibilities, to perform the services, or to meet agreed service levels shall be excused if and to the extent Bidder's non-performance is caused by the Bank's omission to act, delay, wrongful action, failure to provide Inputs, or failure to perform its obligations under this Agreement</u>	Bidder has to comply with RFP Terms.



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
60	33	64. Inspection of Records:	Bank at its discretion may verify the accounts and records or appoint third party for verification including an auditor for audit of accounts and records including Hardware, Software provided to the Bank under this RFP and the vendor shall extend all cooperation in this regard.	Request notice period of 30 days. Request such audit to be conducted during normal business hours and not more than once every financial year, Request Wipro's internal cost records and sensitive financial information to be excluded from the scope of such audit. Request audit to be conducted at Bank's costs. Request auditor to enter into the appropriate confidentiality obligations before conducting the audit	Bidder has to comply with RFP Terms.
61	34	67. Insurance:	The Hardware to be supplied will be insured by the bidder against all risks of loss or damages from the date of shipment till such time, the same is delivered and installed at site and handed over to the Bank/Office. The Bidder has to obtain transit insurance cover for the items to be delivered from their factory/godown to the location and such insurance cover should be available till installation of the Servers and other items. If there is any delay in the installation which could be attributed to Bank, in such an event the insurance must be available for minimum 30 days from the date of delivery of Servers and other items.	such insurance cover should be available till the delivery of the Servers and other items. Once delivery has been done at the destination ,title will be transferred to the Bank.	Bidder has to comply with RFP Terms.
62	34	73. Negligence:	In connection with the work or contravenes the provisions of General Terms, if the selected bidder neglects to execute the work with due diligence or expedition or refuses or neglects to comply with any reasonable order given to him in writing by the Bank, in such eventuality, the Bank may after giving notice in writing to the selected bidder calling upon him to make good the failure, neglect or contravention complained of, within such times as may be deemed reasonable and in default of the said notice, the Bank shall have the right to cancel the Contract holding the selected bidder liable for the damages that the Bank may sustain in this behalf. Thereafter, the Bank may make good the failure at the risk and cost of the selected bidder.	Kindly provide a specific timeframe (45 days) as a grace period for rectification prior to cancellation under this clause.	Bidder has to comply with RFP Terms.
63	34	73. Negligence:	In connection with the work or contravenes the provisions of General Terms, if the selected bidder neglects to execute the work with due diligence or expedition or refuses or neglects to comply with any reasonable order given to him in writing by the Bank, in such eventuality, the Bank may after giving notice in writing to the selected bidder calling upon him to make good the failure, neglect or contravention complained of, within such times as may be deemed reasonable and in default of the said notice, the Bank shall have the right to cancel the Contract holding the selected bidder liable for the damages that the Bank may sustain in this behalf. Thereafter, the Bank may make good the failure at the risk and cost of the selected bidder.	Request to delete as this is already covered by indemnity and penalty	Bidder has to comply with RFP Terms.



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
64	37	81. Human Resource Requirement:	from clauses 81.1 to 81.6	Please clearly specify if any resident engineers are part of deliverables. If so, request Bank to specify a line item in price bid	No. However, Bidder has to meet the uptime requirement and MTTR timelines.
65	41	Annexure-3 Eligibility Criteria Declaration Criteria no. c	<u>Eligibility Criteria:</u> The Turnover of the Bidder should be minimum Rs. 50 Crores each year during last three financial years (i.e. 2014-15, 2015-16 and 2016-17). <u>Documents to be submitted:</u> Audited balance Sheet for last 3 Years (i.e. 2014-15, 2015-16 and 2016-17).	<u>Request for Amendment:</u> Average Turnover of 50 crore in last 3 financial year. <u>Our Request/ clarification:</u> As per government of India procurement policy circular no 1(2)(1)/2016 - MA dated 10.03.2016, it is stated that " in exercise of para 16 of public procurement policy for Micro and small enterprise order 2012, it is clarified that all central ministries/ Departments / PSUs/All govt. organization, shall relax tender norms with respect to "prior experience & prior turnover" with respect to MSME firms in all their public procurements. Eligibility Criteria clause in your RFP is restricting MSME Bidder to participate and allowing only limited participation which further decrease the competition. Request you to kindly amend this clause to allow larger participation with more competitive solutions.	Bidder has to comply with RFP Terms.
66	41	Annexure-3 Eligibility Criteria Declaration Criteria no. c	<u>Eligibility Criteria:</u> The Turnover of the Bidder should be minimum Rs. 50 Crores each year during last three financial years (i.e. 2014-15, 2015-16 and 2016-17). <u>Documents to be submitted:</u> Audited balance Sheet for last 3 Years (i.e. 2014-15, 2015-16 and 2016-17).	financial turnover of 50 Cr may reduce to 25 Cr will help us to participate in this bid 2014-15 : 26.78 2015-16 : 34.63 2016-17 : 50.13 2017-18 : 50 (Approx. Mate)	Bidder has to comply with RFP Terms.
67	41	Annexure-3 Eligibility Criteria Declaration Criteria no. d	<u>Eligibility Criteria:</u> The Bidder should have positive Net Worth as on 31/03/2017. <u>Documents to be submitted:</u> The Bidder must produce a certificate from the Company's Chartered Accountant to this effect.	Request Bank to change it to : The bidder should have positive net worth as on 31/03/2017 or 30/09/2017.	Eligibility Criteria is modified as under: <u>"Eligibility Criteria:</u> The Bidder should have positive Net Worth as on 31/03/2017 or as on 30/09/2017. <u>Documents to be submitted:</u> The Bidder must produce a certificate from the Company's Chartered Accountant to this effect "
					<u>Documents to be submitted:</u> The Bidder must produce a certificate from the Company's Chartered Accountant to this effect "



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
68	41	Annexure-3 Eligibility Criteria Declaration Criteria no. f	<u>Eligibility Criteria:</u> 200 nos. of the make of the Server of proposed OEM (not necessarily the model) should have been supplied (not necessarily by the Bidder) in Government Department/Financial Institution/ Public Sector Units/Scheduled Commercial Bank in India. <u>Documents to be submitted:</u> Bidder has to submit purchase order copies/reference letter duly mentioning the make of the Server from Government Department/ Financial Institution/ Public Sector Units/Scheduled Commercial Bank in India.	Request Bank to change it to : 100 nos. of the make of the Server of proposed OEM (not necessarily the model) should have been supplied (not necessarily by the Bidder) in Government Department/Financial Institution/ Public Sector Units/Scheduled Commercial Bank in India.	Bidder has to comply with RFP Terms.
69	42	Annexure-3 Eligibility Criteria Declaration Criteria no. g	<u>Eligibility Criteria:</u> The Bidder should have supplied 50 Servers to Government Department/Financial Institution/Public Sector Units/Scheduled Commercial Bank in India in last two years (i.e. from 01/04/2016 to 31/03/2018). <u>Documents to be submitted:</u> The Bidders has to provide order copy/reference Letter in their name from Government Department/Financial Institution/ Public Sector Units/Scheduled Commercial Bank in India.	<u>Request for Amendment:</u> OEM / Bidder should have supplied 50 server in last 2 years to Govt. / financial institution / PSU / Commercial Bank <u>Our Request/ clarification</u> As per government of India procurement policy circular no 1(2)(1)/2016 - MA dated 10.03.2016, it is stated that " in exercise of para 16 of public procurement policy for Micro and small enterprise order 2012, it is clarified that all central ministries/ Departments / PSUs/All govt. organization, shall relax tender norms with respect to "prior experience & prior turnover" with respect to MSME firms in all their public procurements. Eligibility Criteria clause in your RFP is restricting MSME Bidder to participate and allowing only limited participation which further decrease the competition. Request you to kindly amend this clause to allow larger participation with more competitive solutions.	Bidder has to comply with RFP Terms.
70	50	Annexure-10 Technical Specification of Servers and Other Items A. Technical Specifications of Server (4 Nos. at DC and 4 Nos. at DRC): 1. Technical Specifications of Server (2 Nos. at DC and 2 Nos. at DRC)	<u>5. HDD:</u> Minimum usable 1TB SSD Disk in RAID 1	SSD comes with a standard size of 400GB, 800GB, 960GB,1.6TB ,3.2TB, 1.92TB, 3.84TB. It is requested to allow vendor to roundup or rounddown the asked useable capacity according to the drive size.	<u>Technical Specification is modified as under:</u> "5. HDD: Minimum usable 960 GB SSD Disk in RAID 1 "



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
71	50	Annexure-10 Technical Specification of Servers and Other Items  A. Technical Specifications of Server (4 Nos. at DC and 4 Nos. at DRC):  1. Technical Specifications of Server (2 Nos. at DC and 2 Nos. at DRC)	12. <u>Certification:</u> Certified for Windows Server 2012 R2 or later <u>Certified for Redhat Linux 6 or later</u> Certified for Oracle Linux Release 6 or later	Request to remove the same as it is not supported	Bidder has to comply with RFP Terms.
72	51	Annexure-10 Technical Specification of Servers and Other Items  A. Technical Specifications of Server (4 Nos. at DC and 4 Nos. at DRC):  1. Technical Specifications of Server (2 Nos. at DC and 2 Nos. at DRC)	12. <u>Certification:</u> Certified for Windows Server 2012 R2 or later <u>Certified for Redhat Linux 6 or later</u> Certified for Oracle Linux Release 6 or later	Request to remove the same as it is not supported	Bidder has to comply with RFP Terms.
73	52	Annexure-10 Technical Specification of Servers and Other Items  B. Technical Specifications of Database Servers (1 No. at DRC)	5. <u>HDD:</u> Minimum usable capacity of 2.4 TB in RAID 5 Configuration and OS drive should be in RAID 0 configuration.	Please mention the drive type & size for the OS drives.	<u>Technical Specification is modified as under:</u> <u>"5. HDD:</u> Minimum usable capacity of 2.4 TB in RAID 5 Configuration."
74	52	Annexure-10 Technical Specification of Servers and Other Items  B. Technical Specifications of Database Servers (1 No. at DRC)	5. <u>HDD:</u> Minimum usable capacity of 2.4 TB in RAID 5 Configuration and OS drive should be in RAID 0 configuration.	Do we need to consider extra disk for OS? Since you have asked for Raid0, Is single disk for OS ok? What should be the capacity for OS Space?	<u>Technical Specification is modified as under:</u> <u>"5. HDD:</u> Minimum usable capacity of 2.4 TB in RAID 5 Configuration."



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75	52	Annexure-10 Technical Specification of Servers and Other Items  B. Technical Specifications of Database Servers (1 No. at DRC)	<b>9. NIC:</b> Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable.	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required
76	52	Annexure-10 Technical Specification of Servers and Other Items  B. Technical Specifications of Database Servers (1 No. at DRC)	<b>11. FC HBA:</b> Minimum 1 Nos. of Dual Port 8 Gig Fiber Channel HBA.	8Gbps is an old technology. We suggest you to consider 16Gbps FC HBA.	<b>Technical Specification is modified as under:</b> <b>"11. FC HBA:</b> Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity (required to connect active - active connectivity with proposed San Switch to create VM from proposed Storage)"
77	52	Annexure-10 Technical Specification of Servers and Other Items  B. Technical Specifications of Database Servers (1 No. at DRC)	<b>15. Certification:</b> a) Certified for Windows Server 2016 or later b) <b>Certified for Redhat Linux 6 or Later</b> c) Certified for Oracle Linux release 6 or later d) IPv6	Request to remove the same as it is not supported	Bidder has to comply with RFP Terms.
78	50,5 1,52	Annexure-10 Technical Specification of Servers and Other Items  A. Technical Specifications of Server (4 Nos. at DC and 4 Nos. at DRC): 1. Technical Specifications of Server (2 Nos. at DC and 2 Nos. at DRC)15: 2. Technical Specifications of Server (2 Nos. at DC and 2 Nos. at DRC): & B. Technical Specifications of Database Servers (1 No. at DRC)	<b>9. FC HBA:</b> Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity (required to connect active - active connectivity with proposed San Switch to create VM from proposed Storage) & <b>11. FC HBA:</b> Minimum 1 Nos. of Dual Port 8 Gig Fiber Channel HBA	Few other servers are asked with 16GBPS HBA while these servers are asked with 8GBPS HBA. It is recommended to have a common type HBA for all the servers.	<b>Technical Specification is Server Type B is modified as under:</b> <b>"11. FC HBA:</b> Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity (required to connect active - active connectivity with proposed San Switch to create VM from proposed Storage)"



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
79	52	Annexure-10 Technical Specification of Servers and Other Items  C. Technical Specifications Server (2 No. at DC and 2 Nos. at DRC):  1. Technical Specifications Server (1 No. at DC and 1 Nos. at DRC):	5. HDD: Minimum 4 TB	Is 4TB disk space useable or Raw. Please mention the Raid type . Please mention the drive type & size for the OS drives.	<u>Technical Specification is modified as under:</u> "5. HDD: Minimum usable capacity of 4 TB in RAID 5 Configuration "
80	53	Annexure-10 Technical Specification of Servers and Other Items  C. Technical Specifications Server (2 No. at DC and 2 Nos. at DRC):  1. Technical Specifications Server (1 No. at DC and 1 Nos. at DRC):	15. <u>Compatibility:</u> Server should be compatible with Checkpoint setup(GAiA and Secure Platform R77 and R80) <a href="https://www.checkpoint.com/support-services/hcl/">https://www.checkpoint.com/support-services/hcl/</a>	Request to remove the same as the latest generation servers are not supported	Bidder to Comply with RFP terms.
81	52-53	Annexure-10 Technical Specification of Servers and Other Items  C. Technical Specifications Server (2 No. at DC and 2 Nos. at DRC):  1. Technical Specifications Server (1 No. at DC and 1 Nos. at DRC): 2. Technical Specifications Server (1 No. at DC and 1 Nos. at DRC):	8. <u>NIC:</u> Minimum 3 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable	Please clarify if three separate adapters are required or single adapter with three port is ok.	Bank requires three separate Adapters.

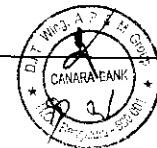




Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
82	54	Annexure-10 Technical Specification of Servers and Other Items  D. Technical Specifications of Server (2 No. at DC and 2 No. at DRC):  1. Technical Specifications of Application Server (1 No. at DC and 1 No. at DRC):	2. <u>Processor</u> : Intel® Xeon® Processor E5-4655V4 8 Core, 2.4 GHz Base Frequency or higher	Processor requested in RFP is of Intel old generation hence request to change the same to latest generation of skylake processor	<u>Technical Specification is modified as under:</u> "2. <u>Processor</u> : Intel® Xeon® Silver 4114 Processor (8 Core, 2.20 GHz Base Frequency, 13.75 L3 Cache) or higher Should be scalable to 2 CPUs socket"
83	54	Annexure-10 Technical Specification of Servers and Other Items  D. Technical Specifications of Server (2 No. at DC and 2 No. at DRC):  1. Technical Specifications of Application Server (1 No. at DC and 1 No. at DRC):	2. <u>Processor</u> : Intel® Xeon® Processor E5-4655V4 8 Core, 2.4 GHz Base Frequency or higher	The cpu asked for these servers are of previous generation and may not be available with all the vendors. Bank is requested to change it to the latest equivalent Intel Skylake processors as asked in the rest of the servers.	<u>Technical Specification is modified as under:</u> "2. <u>Processor</u> : Intel® Xeon® Silver 4114 Processor (8 Core, 2.20 GHz Base Frequency, 13.75 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"
84	55	Annexure-10 Technical Specification of Servers and Other Items  D. Technical Specifications of Server (2 No. at DC and 2 No. at DRC):  2. Technical Specifications of Database Server (1 No. at DC and 1 No. at DRC):	2. <u>Processor</u> : Intel® Xeon® Processor E5-4655V4 8 Core, 2.4 GHz Base Frequency or higher.	Processor requested in RFP is not available with any of the server models we have , Hence request you to please change the same to latest generation of skylake processor that is available across all OEM's	<u>Technical Specification is modified as under:</u> "2. <u>Processor</u> : Intel® Xeon® Silver 4114 Processor (8 Core, 2.20 GHz Base Frequency, 13.75 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
85	55	Annexure-10 Technical Specification of Servers and Other Items  D. Technical Specifications of Server (2 No. at DC and 2 No. at DRC):  2. Technical Specifications of Database Server (1 No. at DC and 1 No. at DRC):	<u>2. Processor:</u> Intel® Xeon® Processor E5-4655V4 8 Core, 2.4 GHz Base Frequency or higher.	The cpu asked for these servers are of previous generation and may not be available with all the vendors. Bank is requested to change it to the latest equivalent Intel Skylake processors as asked in the rest of the servers.	<u>Technical Specification is modified as under:</u> "2. Processor : Intel® Xeon® Silver 4114 Processor (8 Core, 2.20 GHz Base Frequency, 13.75 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"
86	54	Annexure-10 Technical Specification of Servers and Other Items  D. Technical Specifications of Server (2 No. at DC and 2 No. at DRC):  1. Technical Specifications of Application Server (1 No. at DC and 1 No. at DRC):  2. Technical Specifications of Database Server (1 No. at DC and 1 No. at DRC):	<u>2. Processor:</u> Intel® Xeon® Processor E5-4655V4 8 Core, 2.4 GHz Base Frequency or higher	We suggest you to change the CPU to Skylake Gold series.	<u>Technical Specification is modified as under:</u> "2. Processor : Intel® Xeon® Silver 4114 Processor (8 Core, 2.20 GHz Base Frequency, 13.75 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"
87	54	Annexure-10 Technical Specification of Servers and Other Items  D. Technical Specifications of Server (2 No. at DC and 2 No. at DRC):	<u>8. NIC:</u> Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable.	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Bank requires two separate adapters.
		1. Technical Specifications of Application Server (1 No. at DC and 1 No. at DRC):  2. Technical Specifications of Database Server (1 No. at DC and 1 No. at DRC):			



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
88	55	Annexure-10 Technical Specification of Servers and Other Items  E. Technical Specifications of Application & Database Servers (3 Nos. at DC and 3 Nos. at DRC)	<b>2. Processor:</b> 2 X Intel Xeon Gold 6130T Processor (16 Core, 2.10GHz Base Frequency, 22 MB L3 Cache)	We request to change this to "2 X Intel Xeon Gold 6130 Processor (16 Core, 2.10GHz Base Frequency, 22 MB L3 Cache)"	<b>Technical Specification is modified as under:</b> <b>"2. Processor:</b> 2 X Intel Xeon Gold 6130 Processor (16 Core, 2.10 GHz Base Frequency, 22 MB L3 Cache) or higher"
89	55	Annexure-10 Technical Specification of Servers and Other Items  E. Technical Specifications of Application & Database Servers (3 Nos. at DC and 3 Nos. at DRC)	<b>9. NIC:</b> Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required.
90	55	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  1. Technical Specifications of Application and Web Server (2 Nos. at DC and 4 Nos. at DRC)	<b>2. Processor :</b> Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket	Processor requested in RFP is very specific to a particular model of server , hence request to change the same to 4100 series generation of skylake processor	<b>Technical Specification is modified as under:</b> <b>"2. Processor :</b> Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"
91	55	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):	<b>2. Processor:</b> Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket	We request to change this to "Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"	<b>Technical Specification is modified as under:</b> <b>"2. Processor :</b> Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher
		1. Technical Specifications of Application and Web Server (2 Nos. at DC and 4 Nos. at DRC)			Should be scalable to 2 CPUs socket"



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
92	56	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  1. Technical Specifications of Application and Web Server (2 Nos. at DC and 4 Nos. at DRC)	<b>5. HDD:</b> Minimum usable capacity of 1 TB in RAID 5 Configuration AND OS drive should be in RAID0 configuration.	Please mention the drive type & size for the OS drives.	<u>Technical Specification is modified as under:</u> <b>"5. HDD:</b> Minimum usable capacity of 1 TB in RAID 5 Configuration"
93	56	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  1. Technical Specifications of Application and Web Server (2 Nos. at DC and 4 Nos. at DRC)	<b>5. HDD:</b> Minimum usable capacity of 1 TB in RAID 5 Configuration AND OS drive should be in RAID0 configuration.	Do we need to consider extra disk for OS? Since you have asked for Raid0, Is single disk for OS ok? What should be the capacity for OS Space?	<u>Technical Specification is modified as under:</u> <b>"5. HDD:</b> Minimum usable capacity of 1 TB in RAID 5 Configuration"
94	56	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  1. Technical Specifications of Application and Web Server (2 Nos. at DC and 4 Nos. at DRC)	<b>9. NIC:</b> Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required.



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
95	56	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  1. Technical Specifications of Application and Web Server (2 Nos. at DC and 4 Nos. at DRC)	11. <u>FC HBA</u> : Minimum 1 Nos. of Dual Port 8 Gig Fiber Channel HBA.	8Gbps is an old technology. We suggest you to consider 16Gbps FC HBA.	<u>Technical Specification is modified as under:</u> "11. FC HBA: Minimum 2Nos of 16GBps FC Host Bus adapters (HBA) ports for SAN Connectivity (required to connect active - active connectivtiy with proposed San switch to create VM from porposed Storage)"
96	56	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  2. Technical Specifications UAT Application and Web Server (4 nos. at DC )	5. <u>HDD</u> : Minimum usable capacity of 1 TB in RAID 5 Configuration AND OS drive should be in RAID0 configuration.	Do we need to consider extra disk for OS? Since you have asked for Raid0, Is single disk for OS ok? What should be the capacity for OS Space?	<u>Technical Specification is modified as under:</u> "5. HDD: Minimum usable capacity of 1 TB in RAID 5 Configuration"
97	56	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  2. Technical Specifications UAT Application and Web Server (4 nos. at DC )	9. <u>NIC</u> : Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required.



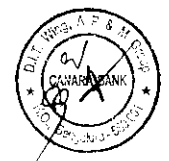
Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
98	57	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  2. Technical Specifications UAT Application and Web Server (4 nos. at DC )	11. FC HBA: Minimum 1 Nos. of Dual Port 8 Gig Fiber Channel HBA.	8Gbps is an old technology. We suggest you to consider 16Gbps FC HBA.	<u>Technical Specification is modified as under:</u> "11. FC HBA: Minimum 2Nos of 16GBps FC Host Bus adapters (HBA) ports for SAN Connectivity (required to connect active - active connectivity with proposed San switch to create VM from porposed Storage)."
99	57	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  3. Technical Specifications Reporting Server (1 no. at DC and 1 no. in DRC)	5. HDD: Minimum usable capacity of 2 TB in RAID 5 Configuration AND OS drive should be in RAID0 configuration.	Do we need to consider extra disk for OS? Since you have asked for Raid0, Is single disk for OS ok? What should be the capacity for OS Space?	<u>Technical Specification is modified as under:</u> "5. HDD: Minimum usable capacity of 2 TB in RAID 5 Configuration"
100	57	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  3. Technical Specifications Reporting Server (1 no. at DC and 1 no. in DRC)	9. NIC: Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required.



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
101	57	Annexure-10 Technical Specification of Servers and Other Items  F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC):  3. Technical Specifications Reporting Server (1 no. at DC and 1 no. in DRC)	11. FC HBA: Minimum 1 Nos. of Dual Port 8 Gig Fiber Channel HBA.	8Gbps is an old technology. We suggest you to consider 16Gbps FC HBA.	<u>Technical Specification is modified as under:</u> "11. FC HBA: Minimum 2Nos of 16GBps FC Host Bus adapters (HBA) ports for SAN Connectivity (required to connect active - active connectivtiy with proposed San switch to create VM from porposed Storage)."
102	58	Annexure-10 Technical Specification of Servers and Other Items  G. Technical Specifications of Servers (9 Nos. at DC and 6 Nos. at DRC):  1. Technical Specifications of Application and Web Server (4 Nos. at DC and 4 Nos. at DRC):	2. Processor : Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket	Processor requested in RFP is very specific to a particular model of server , hence request to change the same to 4100 series generation of skylake processor	<u>Technical Specification is modified as under:</u> "2. Processor : Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"
103	58	Annexure-10 Technical Specification of Servers and Other Items  G. Technical Specifications of Servers (9 Nos. at DC and 6 Nos. at DRC):  1. Technical Specifications of Application and Web Server (4 Nos. at DC and 4 Nos. at DRC):	2. Processor: Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket	We request to change this to "Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"	<u>Technical Specification is modified as under:</u> "2. Processor : Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
104	58	Annexure-10 Technical Specification of Servers and Other Items  G. Technical Specifications of Servers (9 Nos. at DC and 6 Nos. at DRC):  1. Technical Specifications of Application and Web Server (4 Nos. at DC and 4 Nos. at DRC):	5. <u>HDD:</u> Minimum usable capacity of 1 TB in RAID 5 Configuration AND OS drive should be in RAID0 configuration.	Do we need to consider extra disk for OS? Since you have asked for Raid0, Is single disk for OS ok? What should be the capacity for OS Space?	<u>Technical Specification is modified as under:</u> "5. <u>HDD:</u> Minimum usable capacity of 1 TB in RAID 5 Configuration"
105	58	Annexure-10 Technical Specification of Servers and Other Items  G. Technical Specifications of Servers (9 Nos. at DC and 6 Nos. at DRC):  1. Technical Specifications of Application and Web Server (4 Nos. at DC and 4 Nos. at DRC):	9. <u>NIC:</u> Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 3 meters CAT 6 Cable	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required.
106	58	Annexure-10 Technical Specification of Servers and Other Items  G. Technical Specifications of Servers (9 Nos. at DC and 6 Nos. at DRC):  2. Technical Specifications Database Servers (2 nos. at DC and 2 Nos. at DRC):	2. <u>Processor :</u> Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket	Processor requested in RFP is very specific to a particular model of server , hence request to change the same to 4100 series generation of skylake processor	<u>Technical Specification is modified as under:</u> "2. <u>Processor :</u> Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"





Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
107	58-60	Annexure-10 Technical Specification of Servers and Other Items  G. Technical Specifications of Servers (9 Nos. at DC and 6 Nos. at DRC):  2. Technical Specifications Database Servers (2 nos. at DC and 2 Nos. at DRC): 3. Technical Specifications Application & Web Servers for UAT (1 no. at DC and 1 no. in DRC) 4. Technical Specifications Database Server for UAT (1 no. at DC)	<b>2. Processor:</b> Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket & <b>2. Processor:</b> Intel® Xeon® Silver 4112 Processor (4 Core, 2.60 GHz Base Frequency, 8.25 L3 Cache) or higher Should be scalable to 2 CPUs socket	We request to change this to "Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"	<b>Technical Specification for Server Type G(2) is modified as under:</b> <b>"2. Processor :</b> Intel® Xeon® Silver 4110 Processor (8 Core, 2.10 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket"
108	59-60	Annexure-10 Technical Specification of Servers and Other Items  G. Technical Specifications of Servers (9 Nos. at DC and 6 Nos. at DRC):  2. Technical Specifications Database Servers (2 nos. at DC and 2 Nos. at DRC): 3. Technical Specifications Application & Web Servers for UAT (1 no. at DC and 1 no. in DRC) 4. Technical Specifications Database Server for UAT (1 no. at DC)	<b>9. NIC:</b> Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 3 meters CAT 6 Cable.	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required.



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
109	60-61	Annexure-10 Technical Specification of Servers and Other Items  H. Technical Specifications of Server (4 Nos. at DC and 4 Nos. at DRC):  1. Technical Specifications of Application Server (2 Nos. at DC and 2 Nos. at DRC):  2. Technical Specifications Web Server (2 nos. at DC and 2 Nos. at DR)	9. NIC: Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required.
110	60-61	Annexure-10 Technical Specification of Servers and Other Items  H. Technical Specifications of Server (4 Nos. at DC and 4 Nos. at DRC):  1. Technical Specifications of Application Server (2 Nos. at DC and 2 Nos. at DRC):  2. Technical Specifications Web Server (2 nos. at DC and 2 Nos. at DR)	11. FC HBA: Minimum 1 Nos. of Dual Port 8 Gig Fiber Channel HBA.	8Gbps is an old technology. We suggest you to consider 16Gbps FC HBA.	<u>Technical Specification is modified as under:</u> "11. FC HBA: Minimum 2Nos of 16GBps FC Host Bus adapters (HBA) ports for SAN Connectivity (required to connect active - active connectivy with proposed San switch to create VM from porposed Storage)"



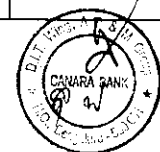
Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
111	61	Annexure-10 Technical Specification of Servers and Other Items  I. Technical Specifications of Servers (4 Nos. at DC and 4 Nos. at DR):  1. Technical Specifications of Application Server (2 Nos. at DC and 2 Nos. at DRC):	<b>2. Processor :</b> Intel® Xeon® Silver Processor E5-4110 (8 Core, 2.10 GHz Base Frequency, 8.0 GT/s, 11MB L3 Cache) or higher Should be scalable to 2 CPUs socket	The cpu asked for these servers are of previous generation and may not be available with all the vendors. Bank is requested to change it to the latest equivalent Intel Skylake processors as asked in the rest of the servers.	<b>Technical Specification is modified as under:</b> <b>"2. Processor :</b> Intel® Xeon® Silver Processor 4110 (8 Core, 2.10 GHz Base Frequency, 8.0 GT/s, 11MB L3 Cache) or higher Should be scalable to 2 CPUs socket"
112	62	Annexure-10 Technical Specification of Servers and Other Items  i. Technical Specifications of Servers (4 Nos. at DC and 4 Nos. at DR):  2. Technical Specifications Web Server (2 nos. at DC and 2 Nos. at DR)	<b>2. Processor :</b> Intel® Xeon® Silver Processor E5-4110 (8 Core, 2.10 GHz Base Frequency, 8.0 GT/s, 11MB L3 Cache) or higher Should be scalable to 2 CPUs socket	The cpu asked for these servers are of previous generation and may not be available with all the vendors. Bank is requested to change it to the latest equivalent Intel Skylake processors as asked in the rest of the servers.	<b>Technical Specification is modified as under:</b> <b>"2. Processor :</b> Intel® Xeon® Silver Processor 4110 (8 Core, 2.10 GHz Base Frequency, 8.0 GT/s, 11MB L3 Cache) or higher Should be scalable to 2 CPUs socket"
113	62	Annexure-10 Technical Specification of Servers and Other Items  I. Technical Specifications of Servers (4 Nos. at DC and 4 Nos. at DR):  1. Technical Specifications of Application Server (2 Nos. at DC and 2 Nos. at DRC): 2. Technical Specifications Web Server (2 nos. at DC and 2 Nos. at DR)	<b>5. HDD:</b> Minimum usable capacity of 1 TB in RAID 5 Configuration AND OS drive should be in RAID0 configuration. <b>&amp;</b> <b>5. HDD:</b> Minimum usable capacity of 250 GB in RAID 0 Configuration.	Do we need to consider extra disk for OS? Since you have asked for Raid0, Is single disk for OS ok? What should be the capacity for OS Space?	<b>Technical Specification is modified as under:</b> <b>for Server Type I(1)</b> <b>"5. HDD:</b> Minimum usable capacity of 1 TB in RAID 5 Configuration"  <b>for Server Type I(2)</b> <b>"5. HDD:</b> Minimum usable capacity of 250 GB in RAID 0 Configuration"



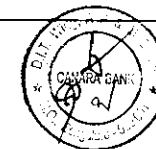
Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
114	62	Annexure-10 Technical Specification of Servers and Other Items  I. Technical Specifications of Servers (4 Nos. at DC and 4 Nos. at DR):  1. Technical Specifications of Application Server (2 Nos. at DC and 2 Nos. at DRC): 2. Technical Specifications Web Server (2 nos. at DC and 2 Nos. at DR)	9. NIC: Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable.	Please clarify if two separate adapters are required or single adapter with dual port is ok.	Two separate adapters are required.
115	62-63	Annexure-10 Technical Specification of Servers and Other Items  I. Technical Specifications of Servers (4 Nos. at DC and 4 Nos. at DR):  1. Technical Specifications of Application Server (2 Nos. at DC and 2 Nos. at DRC): 2. Technical Specifications Web Server (2 nos. at DC and 2 Nos. at DR)	11. FC HBA: Minimum 1 Nos. of Dual Port 8 Gig Fiber Channel HBA.	8Gbps is an old technology. We suggest you to consider 16Gbps FC HBA.	<u>Technical Specification is modified as under:</u> "11. FC HBA: Minimum 2Nos of 16GBps FC Host Bus adapters (HBA) ports for SAN Connectivity (required to connect active - active connectivtiy with proposed San switch to create VM from porposed Storage)"
116	76	Annexure- 18 Bill of Material  Table -B  Price details of Operating Systems Software	<u>Line Item no. 3 &amp; 4</u> RHEL 7.0 & 7.2 Enterprise Server Operating Systems, pricing 3 + 2 years	Redhat OEM will provide pricing for 3 years and 5 years only. Kindly amend for this line item alone 3 years or 5 years. 3+2 years cannot be provided by bidder as well.	Bidder has to comply with RFP Terms and has to provide prices for 5 Years.



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
117	50-63	Annexure-10 Technical Specification of Servers and Other Items  Server Type A-I	<u>NIC</u>  Minimum 4 Nos of 10Gbps SFP+ Ports for Network Connectivity (required to connect active - active connectivity to 10GBASE-SR SFP Module in Bank Network Switch (Nexus 7009/7010) for Virtualization network traffic) & Minimum 2 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable & Minimum 3 Nos. of Dedicated 1 Gbps Ethernet adapter and 2 meters CAT 6 Cable	Kindly confirm if the we can provide 10G BASE SFP+ cables (either Passive Twinax / Active Twinax), for connectivity. If Twinax can be provided, kindly specify the length desired.  Below is a list of all compatible 10G Ethernet Trasceivers - compatible with Nexus 7000 series of switches <a href="https://www.cisco.com/c/en/us/td/docs/interfaces_modules/transceiver_modules/compatibility/matrix/10GE_Tx_Matrix.html#_Toc511044690">https://www.cisco.com/c/en/us/td/docs/interfaces_modules/transceiver_modules/compatibility/matrix/10GE_Tx_Matrix.html#_Toc511044690</a>  This query applies to all the 10G Base SR SFPs requirements specified in the RFP - across all sections	Bidder has to comply with the given RFP Clause.
118	50-63	Annexure-10 Technical Specification of Servers and Other Items  Server Type A-I	<u>FC HBA</u>  Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity (required to connect active - active connectivity with proposed San Switch to create VM from proposed Storage)  Minimum 1 Nos. of Dual Port 8 Gig Fiber Channel HBA	Is a SAN switch required to be "Proposed"? Kindly clarify and provide specifications - if so.	No. Bidder has to quote the as per RFP only.
119	50-63	Annexure-10 Technical Specification of Servers and Other Items  Server Type A-I	<u>HDD</u> Minimum usable 1TB SSD Disk in RAID 1 Minimum usable capacity of 2.4 TB in RAID 5 Configuration and OS drive should be in RAID 0 configuration. Minimum 4 TB Minimum 2 TB Minimum usable capacity of 2*600 in 10k RPM RAID 1 Configuration Minimum usable capacity of 10*900 in 15k RPM RAID 1 Configuration Minimum usable capacity of 2TB in RAID 5 Configuration. Minimum usable capacity of 1 TB in RAID 5 Configuration AND OS drive should be in RAID0 configuration. Minimum usable capacity of 2 TB in RAID 5 Configuration AND OS drive should be in RAID0 configuration. Minimum usable capacity of 500 GB in RAID5 Configuration. Minimum usable capacity of 1 TB in RAID 5 Configuration. Minimum usable capacity of 250 GB in RAID 0 Configuration.	1) Kindly specify whether you want Enterprise Performance(EP) SSDs or Enterprise Value (EV) SSDs. 2) Kindly specify whether you want Gen 2 (6G) or Gen 3 (12G) SAS drives 3) Please note that there are no 1 TB SSD drives. The nearest size is 960 GB or 1.6 TB SSDs. We request you to please specify either of these SSDs.  This query applies to all SSDs in all the servers specified in the RFP.	Bidder has to comply with the given RFP Clause. Kindly refer the Amendment-1.
120	50-63	Annexure-10 Technical Specification of Servers and Other Items  Server Type A-I	<u>Others</u>  Required cables to be provided by the vendor	1) Kindly confirm if the we can provide 10G BASE SFP+ cables (either Passive Twinax / Active Twinax), for connectivity. 2) If Twinax can be provided, kindly specify the length desired (3 / 5 meters).	Bidder has to comply with the given RFP Clause.



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
121	50-63	Annexure-10 Technical Specification of Servers and Other Items E. Technical Specifications of Application & Database Servers (3 Nos. at DC and 3 Nos. at DRC) F. Technical Specifications of Servers (7 Nos. at DC and 5 Nos. at DRC): 1. Technical Specifications of Application and Web Server (2 Nos. at DC and 4 Nos. at DRC) G. Technical Specifications of Servers (9 Nos. at DC and 6 Nos. at DRC): 1. Technical Specifications of Application and Web Server (4 Nos. at DC and 4 Nos. at DRC): 2. Technical Specifications Database Servers (2 nos. at DC and 2 Nos. at DRC):	2. <u>Processor:</u>  2 X Intel Xeon Gold 6130T Processor (16 Core, 2.10GHz Base Frequency, 22 MB L3 Cache)  Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket  Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket  Intel® Xeon® Silver 4109T Processor (8 Core, 2.00 GHz Base Frequency, 11 MB L3 Cache) or higher Should be scalable to 2 CPUs socket	Cisco does not support these CPUs in UCS - as of date. We request you to kindly provide equivalents for these CPUs that do not have the "T" suffix.  There are only 2 vendors (HP & Dell) that support these grade of CPUs as of date.  No. of CPUs required per server are also not mentioned for these servers.	Kindly refer the Amendment-1.
122	50-63	Annexure-10	Technical Specification of Servers and Other Items	Will Bank create VM also on these servers? If yes, then please confirm nos. on each servers.	Bidder has to comply with the given RFP Clause. There will be no virtual machines created on these servers.
123	50-63	Annexure-10	Technical Specification of Servers and Other Items	Please clarify that Do we need to quote Software Assurance for Upgrade support on MS License?	Bidder has to comply with the given RFP Clause. There is no need to quote software assurance for upgrade support on Microsoft License.
124	64	Annexure-11 Scope of Work	4. Installation of Web/Application/Database Server, Sever Management, partition creation and cluster configuration in the new servers to be procured and also with the Existing Servers available, if required.	a) Kindly provide the make and version of the softwares. b) Are these skills required to be provided/stationed at Bank? c) How frequent are these implementations required?	Scope of work is modified kindly refer the Amendment-1.
125	64	Annexure-11 Scope of Work	4. Installation of Web/Application/Database Server, Sever Management, partition creation and cluster configuration in the new servers to be procured and also with the Existing Servers available, if required.	Is Bank is expecting bidder / SI to install Web/Application/Data Base server/Server management please clarify	Scope of work is modified kindly refer the Amendment-1.
126	64	Annexure-11 Scope of Work	7. The bidder has to install the new servers and servers are required to connect with Existing SAN (IBM & HP SAN Switches) & LAN Switch (CISCO Nexus 7010/7009) supplied by existing vendor used by Bank.	Details required of the SAN & LAN Switches, make & model, no. of free ports available, etc.,	Scope of work is modified kindly refer the Amendment-1.



Sl. No.	Page No.	RFP Clause	Clause/Technical Specification	Bidder's Query	Bank's Reply
127	64	Annexure-11 Scope of Work	9. The bidder has to work with existing vendor for the OS Installation and administration and need to configuration as desired.	Please share the details of existing backup software & its agents	Scope of work is modified kindly refer the Amendment-1.
128	64	Annexure-11 Scope of Work	10. The bidder has to use/map storage from existing Storage volumes of IBM SVC DH8 & HP 8000 Series storage used in Bank.	Kindly elaborate the Scope of work around IBM SVC DH8 and HP 8000 series storage used in the Bank	Scope of work is modified kindly refer the Amendment-1.
129	64	Annexure-11 Scope of Work	10. The bidder has to use/map storage from existing Storage volumes of IBM SVC DH8 & HP 8000 Series storage used in Bank.	Details of IBM and HP storage systems required	Scope of work is modified kindly refer the Amendment-1.
130	64	Annexure-11 Scope of Work	12. The bidder has to do the migration of database from existing DB Server to proposed servers and details will be provided to selected bidder.	Please share the database size and no. of Server details	Scope of work is modified kindly refer the Amendment-1.
131	64	Annexure-11 Scope of Work	12. The bidder has to do the migration of database from existing DB Server to proposed servers and details will be provided to selected bidder.	<p>Kindly provide details of the DB, HW &amp; OS platform of the Source and target DB to be migrated. Location of the DB, single or multi location.</p> <p>How much of total data required to be migrated</p> <p>How many total number of Oracle DB softwares(11g / 12c) needed to be installed and configured</p> <p>How many HA systems needed to be created on DB (like RAC/ASM)</p> <p>Do you have team who can advise / help on partitions based on their past experience on application requirement</p> <p>Please share your current and target architecture (such as two node 12C RAC/ASM DB tier on prod), (High available Application running on Microsoft IIS 8.0) etc</p> <p>Do you have team to setup .net framework 4.5, IIS 8.0 and other application? Or you are expecting vendor to perform the same.</p> <p>Please share list of all the application (if there are expectations on vendor to migrate those applications under the current scope)</p> <p>Are you expecting any single singon implementation like OID/OAM implementation?</p> <p>Do you have any expectation on DR like Data guard / Active data guard implementation?</p> <p>Are we expecting any upgrades during migration (DB upgrade or application)</p> <p>Overall timeline for the entire hardware refresh exercise</p>	Scope of work is modified kindly refer the Amendment-1.



