

**Response to Pre-Bid Queries for Tender Ref No: OICL/ITD/HO/SERVER/2022/02 dated 25/04/2022**

#	Page #	Point/ Section #	Existing Clause	Query Sought	Query Response
1	1.6	Eligibility Criteria	The Bidder should have a minimum turnover of Rs. 100 crores per annum (not inclusive of the turnover of associate companies) in last three financial years (2018-19, 2019-20 and 2020-21).	the Bidder must have registered annual turnover of RS.80 Crores per Annum in last three financial years ((2018-19, 2019-20 and 2020-21), as MEME kindly help us with exemption on the same	Revised clause reads: "The Bidder should have a minimum turnover of Rs. 75 crores per annum (not inclusive of the turnover of associate companies) in last three financial years (2018-19, 2019-20 and 2020-21)."
2	1.6	Eligibility Criteria	The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product & services.	The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt/ <b>Enterprise</b> with minimum order of INR 7.5 Cr of product & services.	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."
3	16	8	The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product & services.	Please elaborate that it should be same OEM or same category of product.  Please clarify if the same is required from the same OEM that we are proposing or same category of Servers of any OEM is acceptable.	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."  Also, please note that Proposed or Previous Series of the same OEM will only be considered.
4	17	1	Deliver at OICL respective locations within 12 weeks from the date of issuance of Purchase Order	kindly make it 20 week	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"

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5	17	2	Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations. Within 16 Weeks from the date of issuance of purchase order	kindly make it 28 week	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"
6	86	1	Blade Server	Blade/Rack Server	Please be guided by the RFP. All OEMs have blade servers - Requirement is of <b>blade servers</b> .
7	86	Blade Server Point: 7	The server should provide a minimum of 40 Gbps of bandwidth with Converged network adapter ports <b>across two or more cards</b> .	The server should provide a minimum of 40 Gbps of bandwidth with <b>redundant</b> Converged network adapter ports	Please be guided by the RFP. Card level redundancy is must
8	86	Blade Server Point: 9	Server must be populated with all slots onboard as well as PCI-e with Connectivity cards to offer maximum throughput to the overall Network on Day 1.	Kindly remove the clause throughput (40 Gbps) is already mentioned in point no.7	Please be guided by the RFP
9	86	Blade Server Point: 10	The blade server to be provided with card level <b>redundancy</b>	Kindly remove the clause as redundancy is covered in <b>point no. 7</b>	Blade and cards redundancy is a must in order to <b>ensure single point of failure</b>
10	86	Chassis Point: 5	Should support built-in management software in redundancy	Should support built-in <b>redundant management module in chassis</b>	Redundancy is asked for software level, Bidder may also provide module level redundancy at no <b>extra cost to OICL</b> .
11	87	Chassis Point: 10	All Network Switch/modules should be populated from day 1 to ensure redundancy and maximum throughput.	Hence we are able to provide the required bandwidth using our single Fabric IO so request you to amend the clause to maximum throughput and network connectivity required by Blade Server. Request you to amend the clause to - Kindly provide IO Bandwidth and Throughput required by individual blade server for connectivity to external network	Please be guided by the RFP. Bidder to ensure no single point of failure (SPOF) in entire solution.

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12	88	Converged Switch: 3	Converged Switch should be supplied with minimum 48 number of ports. Same switch should provide 10G/25G Ports, 40G ports and 16G/32G FC ports for connecting servers to the LAN and SAN environment. Minimum 16 number of 16G/32G FC ports must be supplied to OICL	This is OEM specific and proprietary technology. Whereas we are able to provide true convergence with QSFP+28DD Port where we can terminate the traffic of all blades in single port for maximum throughput and line rate performance hence it is not required to go for so many ports on blade switch which defeat the whole purpose of Blade Architecture. In case you still need these many connectivity ports than request you to provide go ahead with rack server architecture where all these many no. of ports can be taken care of. Just to highlight the blade architecture suppose to abstract the networking layers and providing true convergence. And with this ask the whole purpose is getting defeated so request you to remove this clause from tender.	Please be guided by the RFP since Termination of all blade traffic on single port may lead to non redundant architecture and port blocking/over utilisation scenario. Solution is designed to achieve complete redundancy and full throughput for all blades individually.
13	15	1.6 Eligibility Criteria clause no. 3	The Bidder should have a minimum turnover of Rs. 100 crores per annum (not inclusive of the turnover of associate companies) in last three financial years (2018-19, 2019-20 and 2020-21).	<b>Please modify the clause as suggested below:</b>  The Bidder should have a minimum turnover of <b>Rs. 75 crores</b> average (not inclusive of the turnover of associate companies) in last three financial years (2018-19, 2019-20 and 2020-21)	Revised clause reads: "The Bidder should have a minimum turnover of Rs. 75 crores per annum (not inclusive of the turnover of associate companies) in last three financial years (2018-19, 2019-20 and 2020-21)."
14	16	1.6 Eligibility Criteria clause no. 3	The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product & services.	<b>Please modify the clause as suggested below:</b>  The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/ Govt with minimum order of INR 7.5 Cr of product & services <b>OR</b> <b>(in at-least two BFSI/PSU/Govt with minimum order of INR 3.5 Cr of product &amp; services.</b>	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."

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15	17	1.7 Project Timelines	<p><b>Activity</b> Supply and delivery of Hardware and Software at DC and DR</p> <p><b>Time Period for Completion</b> Deliver at OICL respective locations within 12 weeks from the date of issuance of Purchase Order</p>	<p><b>Please modify the clause as suggested below:</b></p> <p><b>Activity</b> Supply and delivery of Hardware and Software at DC and DR</p> <p><b>Time Period for Completion</b> Deliver at OICL respective locations <b>within 24 weeks</b> from the date of issuance of Purchase Order</p>	<p>Revised Timelines are as follows:</p> <p>"1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order.</p> <p>2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order.</p> <p>3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order</p> <p>4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL</p> <p>5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"</p>
16	37-38	3.1.9 Payment Terms	<p><b>Hardware</b> Delivery of the Hardware and submission of invoice with Proof of Delivery and other documents (after due inspection) - 70%</p> <p>Successful installation and acceptance of the hardware by the OICL (after due inspection) - 30%</p>	<p><b>Please modify the clause as suggested below:</b></p> <p><b>Hardware</b> Delivery of the Hardware and submission of invoice with Proof of Delivery and other documents (after due inspection) - <b>80%</b></p> <p>Successful installation and acceptance of the hardware by the OICL (after due inspection) - <b>30%</b></p>	<p>Please be guided by the RFP</p>
17	37-38	3.1.9 Payment Terms	<p><b>Hypervisor, OS &amp; Other peripheral software</b> Delivery of respective Hypervisor, OS &amp; other peripheral software its related components as per the actual supply (after due inspection) - 70%</p> <p>Successful completion of customization and successful acceptance of the respective DB, OS &amp; other peripheral software by the OICL (after due inspection) - 30%</p>	<p><b>Please modify the clause as suggested below:</b></p> <p><b>Hypervisor, OS &amp; Other peripheral software</b> Delivery of respective Hypervisor, OS &amp; other peripheral software its related components as per the actual supply (after due inspection) - <b>80%</b></p> <p>Successful completion of customization and successful acceptance of the respective DB, OS &amp; other peripheral software by the OICL (after due inspection) - <b>20%</b></p>	<p>Please be guided by the RFP</p>
18	16	point No 8/1.6 Eligibility Criteria	<p>The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product &amp; services.</p>	<p>We Request OICL to kindly amend this clause to The bidder should have supplied, implemented and provided/providing maintenance services for Blade servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product &amp; services.</p>	<p>Revised clause reads:</p> <p>"The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product &amp; services."</p>

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19	17	Point No 1/1.7 Project Timelines	Supply and delivery of Hardware and Software at DC and DR within 12 weeks from the date of issuance of PO.	We request OICL to kindly amend this clause to change the delivery time line from 12 weeks to 16 weeks because of global delays on deliveries of Items. Further validation can be taken from OEMs also on deliveries. Also kindly increase the installation and migration time accordingly.	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"
20	83	point No1,2 & 3/ 9.16 Annexure 16: Application Framework	As per RFP Application Ownership is with Application Owner like Azentio,HCL & Atos.	We request OICL that owner for migration of application, should be the Application owner, because application owner is the best team to know about application & its functionality, while bidder will perform the task suggested by application owner for smooth migration.	Data migration from existing hardware Infrastructure to new hardware Infrastructure (Licenses will be provided by OICL). While All application installation and configuration will be done by the existing SI (Service integrators) or application vendors of OICL, however, all OS configurations are required to be done by the bidder as per the requirements of respective applications in coordination with the existing SI or application vendors/owners.
21	100	10.2 Appendix 2: Commercial Bill of Material	The bidder has to quote for each line item exclusive of taxes.	for this point we want to highlight that on GEM Portal we have to fill the prices inclusive of GST. Please clarify how should we fill the commercials without GST and how it will be provided.	Bidder to note that as per the terms of the RFP- L1 bidder will be selected on the basis of the TCO quoted that will be exclusive of taxes.  The construct of the Gem Portal is such that it is mandatory for bidders to fill in the tax percentage. Bidder to note that they should quote and will be awarded the contract basis the total amount quoted by them exclusive of taxes. Bill of Material is to be submitted as per format provided in the RFP.

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22	100	10.2 Appendix 2: Commercial Bill of Materia	Pricing	OICL has asked bidders to fill the commercials on year on year basis while most of OEM provides commercials for three years upfront with warranty & remaining year with AMC. Kindly suggest how to fill commercials then.	Please be guided by the RFP
23	21	2.2 General Scope	The successful bidder shall provide a centralized helpdesk/ customer care centre telephone number/ email/ fax number for attending user request/ complaints. The helpdesk/ customer care centre will operate 24*7*365	Are we supposed to leverage the existing help desk Or we need to provide our own help desk solution along with the location where we need to provide the help desk support team	Bidder can leverage the existing helpdesk
24	32	2.5.3 For Sustenance Phase On-Site Deployment	L1 - Server Management DC+DR 1+1 3+3 24x7 6	For 24*7 we required at least 5 resources in DC and 5 in DR. Appreciate if you can change the same from 3 to 5 in numbers.	Requirement is for minimum 3 shifts 24*7, Bidder can quote accordingly.
25	86	1	Blade Server	Blade/Rack Server	Please be guided by the RFP. All OEMs have blade servers - Requirement is of blade servers.
26	86	Blade Server Point: 7	The server should provide a minimum of 40 Gbps of bandwidth with Converged network adapter ports across two or more cards.	The server should provide a minimum of 40 Gbps of bandwidth with <b>redundant</b> Converged network adapter ports	Please be guided by the RFP. Card level redundancy is must
27	86	Blade Server Point: 9	Server must be populated with all slots onboard as well as PCI-e with Connectivity cards to offer maximum throughput to the overall Network on Day 1.	Kindly remove the clause throughput (40 Gbps) is already mentioned in point no.7	Please be guided by the RFP
28	86	Blade Server Point: 10	The blade server to be provided with card level redundancy	Kindly remove the clause as redundancy is covered in point no. 7	Blade and cards redundancy is a must in order to ensure single point of failure
29	86	Chassis Point: 5	Should support built-in management software in redundancy	Should support built-in <b>redundant management module in chassis</b>	Redundancy is asked for software level, Bidder may also provide module level redundancy at no extra cost to OICL.
30	87	Chassis Point: 10	All Network Switch/modules should be populated from day 1 to ensure redundancy and maximum throughput.	Hence we are able to provide the required bandwidth using our single Fabric IO so request you to amend the clause to maximum throughput and network connectivity required by Blade Server. Request you to amend the clause to - Kindly provide IO Bandwidth and Throughput required by individual blade server for connectivity to external network	Please be guided by the RFP. Bidder to ensure no single point of failure (SPOF) in entire solution.

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31	88	Converged Switch: 3	Converged Switch should be supplied with minimum 48 number of ports. Same switch should provide 10G/25G Ports, 40G ports and 16G/32G FC ports for connecting servers to the LAN and SAN environment. Minimum 16 number of 16G/32G FC ports must be supplied to OICL	This is OEM specific and proprietary technology. Whereas we are able to provide true convergence with QSFP+28DD Port where we can terminate the traffic of all blades in single port for maximum throughput and line rate performance hence it is not required to go for so many ports on blade switch which defeat the whole purpose of Blade Architecture. In case you still need these many connectivity ports than request you to provide go ahead with rack server architecture where all these many no. of ports can be taken care of. Just to highlight the blade architecture suppose to abstract the networking layers and providing true convergence. And with this ask the whole purpose is getting defeated so request you to remove this clause from tender.	Please be guided by RFP since Termination of all blade traffic on single port may lead to non redundant architecture and port blocking/over utilisation scenario. Solution is designed to achieve complete redundancy and full throughput for all blades individually.
32	86	1	Blade Server	Blade/Rack Server	Please be guided by the RFP. All OEMs have blade servers - Requirement is of blade servers.
33	86	Blade Server Point: 7	The server should provide a minimum of 40 Gbps of bandwidth with Converged network adapter ports across two or more cards.	The server should provide a minimum of 40 Gbps of bandwidth with <b>redundant</b> Converged network adapter ports	Please be guided by the RFP. Card level redundancy is must
34	86	Blade Server Point: 9	Server must be populated with all slots onboard as well as PCI-e with Connectivity cards to offer maximum throughput to the overall Network on Day 1.	Kindly remove the clause throughput (40 Gbps) is already mentioned in point no.7	Please be guided by the RFP
35	86	Blade Server Point: 10	The blade server to be provided with card level redundancy	Kindly remove the clause as redundancy is covered in point no. 7	Blade and cards redundancy is a must. In order to ensure single point of failure
36	86	Chassis Point: 5	Should support built-in management software in redundancy	Should support built-in <b>redundant management module in chassis</b>	Redundancy is asked for software level, Bidder may also provide module level redundancy at no extra cost to OICL.
37	87	Chassis Point: 10	All Network Switch/modules should be populated from day 1 to ensure redundancy and maximum throughput.	Hence we are able to provide the required bandwidth using our single Fabric IO so request you to amend the clause to maximum throughput and network connectivity required by Blade Server. Request you to amend the clause to - Kindly provide IO Bandwidth and Throughput required by individual blade server for connectivity to external network	Please be guided by the RFP. Bidder to ensure no single point of failure (SPOF) in entire solution.

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38	88	Converged Switch: 3	Converged Switch should be supplied with minimum 48 number of ports. Same switch should provide 10G/25G Ports, 40G ports and 16G/32G FC ports for connecting servers to the LAN and SAN environment. Minimum 16 number of 16G/32G FC ports must be supplied to OICL	This is OEM specific and proprietary technology. Whereas we are able to provide true convergence with QSFP+28DD Port where we can terminate the traffic of all blades in single port for maximum throughput and line rate performance hence it is not required to go for so many ports on blade switch which defeat the whole purpose of Blade Architecture. In case you still need these many connectivity ports than request you to provide go ahead with rack server architecture where all these many no. of ports can be taken care of. Just to highlight the blade architecture suppose to abstract the networking layers and providing true convergence. And with this ask the whole purpose is getting defeated so request you to remove this clause from tender.	Please be guided by RFP since Termination of all blade traffic on single port may lead to non redundant architecture and port blocking/over utilisation scenario. Solution is designed to achieve complete redundancy and full throughput for all blades individually.
39	52	Eligibility cum Technical Evaluation	Past Experience Max. Marks- 100 marks The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option- with minimum order of INR 7.5 Cr of product & services.	Request you to clarify the term "proposed series of servers or its previous series as per selected option. As we understood bidder can submit the customer reference purchase order of any make not specific to offered OEM make only.	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."  Also, please note that Proposed or Previous Series of the same OEM will only be considered.
40	17	1.7 Project Timelines	Supply and delivery of Hardware and Software at DC and DR : Deliver at OICL respective locations within 12 weeks from the date of issuance of Purchase Order	Request for the relaxation that delivery within 16 weeks from the date of issuance of purchase order and further accordingly Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations within 20 weeks.	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"



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41	17	Time Period for Completion	Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations within 12 weeks from the date of issuance of Purchase Order	Request you to pls increase the delivery timelines from 12 weeks to 16 to 20 weeks.	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"
42	17	Time Period for Completion	Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- Within 16 Weeks from the date of issuance of purchase order	Request you to pls increase the installation timelines within 16 weeks to 20 -24weeks.	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"

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43	17	Time Period for Completion	Migration activity to new infrastructure - Within 20 Weeks from the date of issuance of purchase order	Request you to pls increase the installation timelines within 20 weeks to 24 to 30 weeks.	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"
44	16	1.6 Eligibility Criteria, Pt No 8	The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product & services.	Request you to amend this clause as below: The bidder should have supplied, implemented and provided/providing maintenance services for Blade Servers/Servers sol (in at-least one BFSI/PSU/ Govt with minimum order of INR 7.5 Cr of product , services /Data Centre Hardware & Software etc. .	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."
45	19	Remarks	Bidder has to supply hardware as defined in Option 1 or Option 2 and software – Microsoft Windows DC edition, RHEL, Cloud Automation, Virtualization and its related software licenses at DC and DRC, as per Appendix 2- Commercial Bill of Material in order to achieve 100% percent compliance towards the scope of work. The bidder needs to choose only one option out of the two i.e., either option 1 or option 2.	Request you to pls provide the bifurcation of Windows and RHEL License.	Revised Bill of Material is attached herein

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46	20	4. Database Installation and Migration	Bidder is required to install the Application / Databases as per Annexure 16: Application Framework and carry out the Data migration from existing hardware Infrastructure to new hardware Infrastructure (Licenses will be provided by OICL). While All application installation and configuration will be done by the existing SI (Service integrators) or application vendors of OICL, however, all OS configurations are required to be done by the bidder as per the requirements of respective applications in coordination with the existing SI or application vendors/owners.	Pls confirm who will do the installation and migration of application and database as in the clause, both the statement contradicts to each other.	Data migration from existing hardware Infrastructure to new hardware Infrastructure (Licenses will be provided by OICL). While All application installation and configuration will be done by the existing application vendors of OICL, however, all OS configurations are required to be done by the bidder as per the requirements of respective applications in coordination with the existing application vendors/owners.
47	20	7. Training	Bidder needs to provide operational, administration training to OICL or its nominated vendor.	Pls confirm for how many people the training needs to be provided. Also, pls specify the no. of training days. Also, pls confirm is onsite training needs to provide or bidder can provide virtual training for the same.	Bidder need to provide onsite/in person training of <b>5 people</b> .
48	20	DR Drills	Post successful implementation of the proposed solution, bidder needs to conduct DR-DRILL for each of the application in coordination with existing application owners/vendors.	Request you to pls confirm who will provide the software to conduct DR-DRILL for each of the application. Also, pls confirm Only one DR Drill required post implementation or we need to support on subsequent DR Drills as well	Currently OICL Uses automated DR Drill software but bidder may need to carry out DR Drills manually as per requirement. The frequency of carrying out DR Drills will be once in a quarter <del>through out the contract</del>
49	21	2.2 General Scope	VII. OICL expects to protect the investment already made on the existing server equipment and thus, expects the successful Bidder to buy-back certain components mentioned under section 2.4 Buy-back of this RFP and also in Appendix 2- Commercial Bill of Material, Bidder is required to provide compliance and detail out the buyback price in their commercial offer. Hardware to be taken back post the successful migration to the new hardware. The hard disk must be degaussed, before taking out from the OICL's premises	Request you to please elaborate what are the activates included in the migration.	Please be guided by the RFP
50	22	2.2 General Scope	XXIV. The bidder should also provide support for un-mounting and mounting of hardware and other components supplied from the rack in the event of reallocation of racks or changes made at site based on OICL requirements	We are assuming that the racks are provided by the OICL. Kindly confirm.	Yes, your understanding is correct
51	23	2.2 General Scope	XXXV. During the period of the contract, all upgrades or requirements, software, licensing, implementation of upgrades/patches/version changes, etc., due to whatsoever reason including but not limited to EOL or EOS, would be done by the bidder without any additional cost to OICL	Do bidder needs to factor Software assurance for Windows License. Kindly confirm.	Please be guided by the RFP

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#	Page #	Point/ Section #	Existing Clause	Query Sought	Query Response
52	29	2- Scope of Work	2.5.2 - System Vulnerability Management	pls confirm is Vulnerability assessment Tools available or we have to provide the Vulnerability assessment tool as well	Please be guided by the RFP
53	83	9.16 Annexure 16: Application Framework	Bidder - Storage Migration & Integration	Request you to pls confirm the existing storage model. Pls elaborate the migration scope. Do bidder needs to migrate the existing storage data to any new storage or bidder needs to integrate the existing storage to the newly blade servers provided.	Requisite details will be shared with the successful bidder
54	83	9.16 Annexure 16: Application Framework	Backup data and restoration	Pls provide the clarity on the existing backup solution i.e. OEM of the backup, is it based on the capacity or host based licensing. What is the current backup policy, RTO and RPO.	Requisite details will be shared with the successful bidder
55	96	Infrastructure Cost (A)	Option 2 - Virtualization- 12 Sockets	Request you to pls provide the clarification. As per the bid requirement, the license count should be 32. Kindly confirm.	Please be guided by RFP, Requirement is for 16 sockets under virtualisation. Revised Appendix 2- Commercial Bill of Material is attached herein
56				Are only 6 Servers getting Virtualised with VMware on Each Site ? Please confirm ? What about other 8 Servers ?	
57	96	Infrastructure Cost (A)	Option 2 -Windows Data Centre Edition (per Core license)-192 license	Request you to pls provide the clarification. As per the bid requirement, the license count should be 384 in place of 192. Kindly confirm.	Requirement of Window Data Center OS license count will be considered for 16 sockets only which will be =16*24 =384
58				only 4 Servers Require Windows data Centre OS license on Each Site ? Please confirm ? What about other 8 Servers ?	
59	96	Infrastructure Cost (A)	Option 2 -RHEL Latest Edition (OS Instance) -1	Request you to pls provide the clarification on RHEL Qty.	Please be guided by the RFP
60	20	2.1 - Scope of Work - point : vii - point 7 - Training	Bidder need to provide operational and administrative training	Training required for What all component. ( Chassis - Compute ) , What is VMware Stack , and for how many People? on Line or Class room ? Only knowledge transfer or Certification training ?	Training of solution shall be provided by bidder, No Certification is required
61	25	2.3 Delivery Installation & Configuration	The Bidder may utilise Existing Chassis , Chassis and FI should not be out of support during contract period	We recommend to not do investment on an already declared EOL chassis as Cisco already has launched new chassis and there is no development roadmap for existing chassis. Do in future any latest OS or Hypervisor will have interpretability issue. Hence second option to be made compulsory for bidders	Please be guided by the RFP

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62	83	9.16 - Annexure 16 - Application Framework	For Applications - SAP , EMS,AntiVirus,AD,Help Desk , Backup Data and Restoration Role	Is Backup data and Restoration required before migration or It has to be part of Solution ? Where will be the Backup data be stored ? Will OICL provide repository for Back and Backup Software ?	Please be guided by the RFP
63			There is ECC 6.0 and Oracle 11G	is Oracle Licensing is based on Core Based ? As 24 Core per CPU will have impact of Licensing for DB Server ?	Please be guided by the RFP
64	86	Appendix 10.1 Technical Specification	24 DIMM Slots	24 DIMM Slot was on Old Generation CPU , request you to change it to Latest CPU , which supports up to 32 DIMM Slots for RAM	24 DIMM slot is minimum requirement
65		Appendix 10.1 Technical Specification	The server should provide a Minimum of 40 Gbps of bandwidth with converged network adapter ports across two or More Cards	Many Vendors have Higher Throughput CNA Adaptors available and entire Solution supports High Availability. Hence even Single NIC card with Dual port 25/50 G per port should be included as option. Solution support the required Uptime SLA requested by OICL . OICL should be worried about uptime SLA and robust design and not look at Hardware specification to get best value. This clause favours one OEM's as their Architecture will provide 2 interconnects Switch and others will have to give 4 interconnect switches	Speed mentioned is minimum. Bidder may supply higher speeds. Bidder to ensure no single point of failure (SPOF) available in solution and must ensure card level redundancy is also present. OICL has 40G LAN connectivity available. For any diff speed, aggregator switch must be provided at no extra cost to OICL.
66	86	Blade servers - 9	Each Blade should have redundant Network Connectivity to all the chassis interconnect modules	Each Blade should have redundant Network Connectivity to <b>both</b> the chassis interconnect modules	Please be guided by the RFP
67	86	Blade servers - 9	Server must be populated with all slots onboard as well as PCIe with connectivity Card to offer Maximum throughput to the overall network on Day 1	Different OEM's provide 10G or 25G Speed Per port , So more CNA NIC Card is required. We are providing 50G Speed NIC port , which is 100G per CNA NIC Card . Request you to change it as below : " Server Must have 100G NIC Throughput Capability or must be populated with all slots to achieve 100G throughput on Day 1 ".	Speed mentioned is minimum. Bidder may supply higher speeds. Bidder to ensure no single point of failure (SPOF) available in solution and must ensure card level redundancy is also present. OICL has 40G LAN connectivity available. For any diff speed, aggregator switch must be provided at no extra cost to OICL.
68	86	Blade servers - 9	The Blade Server to be provided with Card Level Redundancy	Request you to change it to : " The Blade Server to be provided with Port Level Redundancy " . As the Entire Chassis and Blade are in HA design , again spending for Card level redundancy defeats the Value of spending money for Hypervisor and HA design and making One server as HA server	Card level redundancy is a must. Bidder to ensure no single point of failure (SPOF) in entire solution
69	86	Blade servers - 9	All Network Switch/ Modules should be populated from day 1 to ensure redundancy and and maximum throughput	2 or more Interconnect Switches (in redundancy mode) should be populated	Please be guided by the RFP

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#	Page #	Point/ Section #	Existing Clause	Query Sought	Query Response
70	88	Converged Switches - 1	Bidder Must quote Pair of Converged Switches and having Minimum Ports to support connectivity of set of 4 Chassis	This is specific to single Vendor Chassis architecture. This clause should be changed. Redundant Interconnect modules shall be integrated within the chassis such that uplinks from the chassis can be directly connected to core LAN/SAN switches. Interconnect should support 50Gbps downlinks to the Blades in redundancy supporting carving of each port into at least four ports.	Please be guided by the RFP
71	88	2	OICL will provide a total of Maximum 4 uplink connectivity ...	is the UPLINK port 10G or 25G or 40G or 100G ? Is 4 Ports on Single ToR switch to be connected to Single chassis and there will be additional 4 uplink port on <u>Same switch for another chassis ?</u>	40G uplinks
72				Will OICL provide a separate Existing SAN Switch , to connect converged switch traffic to SAN Switch in <u>redundant mode ?</u>	Yes
73	88	3	Converged Switch should be supplied with minimum 48 ports ...	48port Converged Switch is Single OEM's architecture. There are OEM who provide higher bandwidth per port , hence 48 ports are not required. Please change Last Line : " it should connect with SAN Switches on Minimum 16Gbps FC Ports . Remove Line " Minimum 16 Number of 16G FC Ports must be provided. Proposed are Converged Switch Ports. DO you need additional SAN Switch to connect to External SAN Storage ?	48 Ports of 40G is minimum requirement while bidder can quote higher configuration. For FC ports minimum port requirement is mentioned which bidder to quote as per requirement minimum or higher
74	99	Virtualisation - 2. Guest OS	Heterogeneous Guest OS Support	Please make it to Latest OS , as old OS like 2012 is not <u>tested with Latest Servers</u>	Please be guided by the RFP
75	38	3.1.9 Payment Terms	Payment Terms	Please change Hardware & Hypervisor, OS & Other peripheral software payment terms to 90% & 10% from 70% & 30%  AMC/ATS : Please change to yearly in advance  FMS : Please change to Quarterly in advance or at least <u>monthly in advance</u>	Please be guided by the RFP
76	30	2.5.2 Server (Bare Metal, Virtualized ) Management/ OEM Support	Direct OEM 24x7x365 days with unlimited incident support and 30 mins or less response time including the unlimited upgrades.	We understand that the direct OEM support and TAC access should be provided by Software OEM and Hardware OEM individually. Please confirm.	Yes, your understanding is correct

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77	17	Project Timelines	Deliver at OICL respective locations within 12 weeks from the date of issuance of Purchase Order	Globally there is shortage of the Chipset due to which Hardware delivery is taking very long hence we would request OICL to consider Hardware Delivery Timelines between 6-8 months and subsequent Activities timeline to be updated accordingly.	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"
78	11, 12	Project Objective	The bidder also needs to migrate existing server profiles to new blade servers and provide assistance to existing application owners for moving applications to new infrastructure at DC and DRS.	How many server profiles needs to be migrated	Please be guided by the RFP
79	5, 83	Annexure 16: Application Framework	Application Framework	Please specify the application version and SW prerequisite details to be migrated to the new server also specify any other application needs to be migrated apart from SAP, EMS, Anti-Virus, Active Directory & Help desk, Webservices application.	Please be guided by the RFP
80	86, 89	10 Appendix, 10.1 Appendix 1: Technical Specifications	Functional and Technical Requirement , Availability S.NO 3 and 4, Performance point 8	Downtime will be provided for existing apps migration or it needs to be migrated live	Please be guided by the RFP
81	91	10 Appendix, 10.1 Appendix 1: Technical Specifications	Functional and Technical Requirement , Disaster Recovery S.NO 21,	Please specify the data backup & replication between DC and DR , SW details	Please be guided by the RFP
82	12	1 Introduction 1.1 About the Company	Paragraph 4 These Data Centres are equipped with Rack Mounted Servers, Blade Servers, Enterprise Class Storage systems, Tape Libraries, SAN Switches, Backup Solution and other related tools and solutions.	Please specify the details for SAN Storage systems, Tape Libraries, SAN Switches, Backup Solution and other related tools and solutions.	Successful bidder will get the details

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#	Page #	Point/ Section #	Existing Clause	Query Sought	Query Response
83	93	10 Appendix, 10.1 Appendix 1: Technical Specifications	S.No. 44, Network Management	Please specify the existing network details	Please be guided by the RFP
84	18, 30	2 Scope of Work, 2.1 Infrastructure architectural design requirement and broad activities. 2.5.2 Server (Bare Metal, Virtualized ) Management	2.1. i. line no 5, The proposed Data Centre infrastructure solution shall provide platform to host critical applications that enhance business experience. & Failover Management - Provides for the recovery of the critical workload on the server environments in the event of an outage of primary server and / or a disaster. The bidder is required to prepare documentation of a written recovery plan for the server environments	Please specify which are your critical applications/workload	Please be guided by RFP, Requisite details will be shared with the successful bidder
85	87	10 Appendix, 10.1 Appendix 1: Technical Specifications	Functional and Technical Requirement , Availability S.NO 21, Disaster Recovery	Does OICL has sufficient Bandwidth to achieve RPOs as low as 15 minutes. Please share the bandwidth details between DC and DR.	Please be guided by RFP, Requisite details will be shared with the successful bidder
86	86	10 Appendix 10.1 Appendix 1: Technical Specifications	S.NO 1, Chassis, The enclosure should support full height/width and half height/width blades in the same enclosure, occupying a max of 10RU rack height, it should support minimum 8 half height/width blades per blade chassis	Chassis, Power supply and cooling is under OICL scope please clarify	Yes, your understanding is correct
87	23	2.2 General Scope	XXXV. During the period of the contract, all upgrades or requirements, software, licensing, implementation of upgrades/patches/version changes, etc., due to whatsoever reason including but not limited to EOL or EOS, would be done by the bidder without any additional cost to OICL.	Please specify, Internet would be provided/accessible for regular upgrades and patch updates and required ports would be opened for accessing the internet	Please be guided by the RFP
88	15	Eligibility Criteria 1.6	Bidder must have valid ISO 9001: 2015 & ISO/IEC	Not able to understand as if ISO 9001:2015 is written then why and ISO/IEC Please clarify	Please be guided by the RFP
89	16		The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product & services.	Request to change as The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product & services and rest orders may be of other OEMs of same magnitude.	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."



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#	Page #	Point/ Section #	Existing Clause	Query Sought	Query Response
90	17	Project Timelines	Deliver at OICL respective locations within 12 weeks from the date of issuance of Purchase Order	Globally there is shortage of the Chipset due to which Hardware delivery is taking very long hence we would request OICL to consider Hardware Delivery Timelines between 6-8 months and subsequent Activities timeline to be updated accordingly.	Revised Timelines are as follows: "1. Supply and delivery of Hardware and Software at DC and DR- Deliver at OICL respective locations <b>within 20 weeks</b> from the date of issuance of Purchase Order. 2. Installation, configuration and commissioning of the hardware and software at DC and DR at specified locations- <b>Within 23 Weeks</b> from the date of issuance of purchase order. 3. Migration activity to new infrastructure- <b>Within 26 Weeks</b> from the date of issuance of purchase order 4. Trainings- All the trainings to be completed within 1 week from the date of request for training from OICL 5. Disaster Recovery Drill- Within 2 weeks from the date of request from OICL"
91	15	Eligibility Criteria	The Bidder should have a minimum turnover of Rs. 100 crores per annum (not inclusive of the turnover of associate companies) in last three financial years (2018-19, 2019-20 and 2020-21)	Request you to kindly allow relaxing in Turnover criteria for MSME, Startup organizations registered with DIPP	Revised clause reads: "The Bidder should have a minimum turnover of Rs. 75 crores per annum (not inclusive of the turnover of associate companies) in last three financial years (2018-19, 2019-20 and 2020-21)."
92	16	Eligibility Criteria	The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product & services	Request you to please allow relaxation in past experience for MSME, Startup registered with DIPP	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."
93	15	1.6 Eligibility criteria	4. The Bidder should have a positive net worth in the last three financial years (2018-19, 2019-20 and 2020-21).	Amendment request:	Please be guided by the RFP
94				Option 1: The Bidder should have a positive net worth in <b>any two of</b> the last three financial years (2018-19, 2019-20, and 2020-21).	
95				Option 2: The Bidder should have <b>profit (PAT/PBT)</b> in the last three financial years (2018-19, 2019-20, and 2020-21).	
96				Option 3: The Bidder <b>or bidder's wholly-owned parent company</b> should have a positive net worth in the last three financial years (2018-19, 2019-20, and 2020-21).	

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#	Page #	Point/ Section #	Existing Clause	Query Sought	Query Response
97	15	1.6 Eligibility criteria	5. Bidder must have valid ISO 9001: 2015 & ISO/IEC 27001:2013 ISO 20001 certificates on the date of submission of bid	Amendment request: Bidder must have valid ISO 9001: 2015 & ISO/IEC 27001:2013 or ISO 20001 certificates on the date of submission of bid. OEM must have ISO 20001 certificate	Please be guided by the RFP
98	16	1.6 Eligibility criteria	8. The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 7.5 Cr of product & services.	Request you to please change the clause as below: "The bidder should have supplied, implemented and provided/providing maintenance services for servers (in at-least one BFSI/PSU/Govt/Enterprise with minimum order of INR 4 Cr of product & services."  <i>"Proposed series or previous series" is specific to CISCO only. If bidder is bidding for Option-2 wherein no specific OEM and series is mentioned, bidder should be allowed to show past experience of "server" only without any specific series.</i>	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."
99	21	VII	OICL expects to protect the investment already made on the existing server equipment and thus, expects the successful Bidder to buy-back certain components mentioned under section 2.4 Buy-back of this RFP and also in Appendix 2- Commercial Bill of Material, Bidder is required to provide compliance and detail out the buyback price in their commercial offer. Hardware to be taken back post the successful migration to the new hardware. The hard disk must be degaussed, before taking out from the OICL's premises.	Buyback of hardware is specific to certain OEM. Bidder bidding with some other OEM will not be able to offer buyback.	Please be guided by the RFP
100	34	2.8 (1.)	The solution will not be treated as complete if any part of hardware, related software, components etc. are not delivered as per the timelines specified in RFP. In such an event, the supply will be termed incomplete and will not be accepted and warranty period will not commence besides OICL's right to invoke the penalties which will be prescribed in the contract.	Request component wise acceptance, considering the whole project incomplete if any one of the components isn't fulfilled will lead to heavy penalties	Please be guided by the RFP
101	43	4.18	OICL may send by 30 calendar days written notice to the Bidder to terminate the contract, in whole or in part at any time of their convenience.	Request for the minimum contract period to be completed before the termination clause is applicable	Please be guided by the RFP

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#	Page #	Point/ Section #	Existing Clause	Query Sought	Query Response
102	52	4 Past Experience	The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option- with minimum order of INR 7.5 Cr of product & services.	Request to include enterprise clients for the purpose of past experience. Request your to remove "Proposed series" or "Previous series" as the series is specific to OEM Request minimum order of INR 4 cr	Revised clause reads: "The bidder should have supplied, implemented and provided/providing maintenance services for proposed series of servers or its previous series as per selected Option (in at-least one BFSI/PSU/Govt with minimum order of INR 3 Cr of product & services."
103	86	1	Blade Server	Please amend this to: "Blade/Rack Server"  Please consider Blade/Rack server considering better delivery timelines, Rack/Power utilization, Vendor neutral ground for all OEMs and better TCO	Please be guided by the RFP. All OEMs have blade servers - Requirement is of blade servers.
104	86	Blade Server Point: 7	The server should provide a minimum of 40 Gbps of bandwidth with Converged network adapter ports across two or more cards.	This point favours a sigle OEM, please amend this to: The server should provide a minimum of 40 Gbps of bandwidth with <b>redundant</b> Converged network adapter ports	Please be guided by the RFP. Card level redundancy is must
105	86	Blade Server Point: 9	Server must be populated with all slots onboard as well as PCI-e with Connectivity cards to offer maximum throughput to the overall Network on Day 1.	Since there is no Defined Maximum throughput, We will provide line rate network performance required by populated nodes. Kindly remove the clause throughput (40 Gbps) is already mentioned in point no 7	Please be guided by the RFP
106	86	Blade Server Point: 10	The blade server to be provided with card level redundancy	Every OEM has different architecture. We will provide IO level redundancy. IO modules are capable to provide scalable fabric architecture with line rate performance Kindly remove the clause as redundancy is covered in point no. 7	Blade and cards redundancy is a must in order to ensure single point of failure
107	86	Chassis Point: 5	Should support built-in management software in redundancy	Should support built-in <b>redundant management module in chassis</b>	Redundancy is asked for software level, Bidder may also provide module level redundancy at no extra cost to OICL.
108	87	Chassis Point: 10	All Network Switch/modules should be populated from day 1 to ensure redundancy and maximum throughput.	Multiple network fabrics are supported in current generation blade chassis architecture. This point will limit the ability of new chassis being procured through this tender.  Hence we are able to provide the required bandwidth using our single Fabric IO so request you to amend the clause to maximum throughput and network connectivity required by Blade Server. Request you to amend the clause to - Kindly provide IO Bandwidth and Throughput required by individual blade server for connectivity to external network	Please be guided by the RFP. Bidder to ensure no SPOF in entire solution.

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109	88	Converged Switch: 3	Converged Switch should be supplied with minimum 48 number of ports. Same switch should provide 10G/25G Ports, 40G ports and 16G/32G FC ports for connecting servers to the LAN and SAN environment. Minimum 16 number of 16G/32G FC ports must be supplied to OICL	This is OEM specific and proprietary technology. Whereas we are able to provide true convergence with QSFP+28DD Port where we can terminate the traffic of all blades in single port for maximum throughput and line rate performance hence it is not required to go for so many ports on blade switch which defeat the whole purpose of Blade Architecture. In case you still need these many connectivity ports than request you to provide go ahead with rack server architecture where all these many no. of ports can be taken care of. Just to highlight the blade architecture suppose to abstract the networking layers and providing true convergence. And with this ask the whole purpose is getting defeated so request you to remove this clause from tender.	Please be guided by the RFP since Termination of all blade traffic on single port may lead to non redundant architecture and port blocking/over utilisation scenario. Solution is designed to achieve complete redundancy and full throughput for all blades individually.
110	82	Annexure 15: Undertaking from OEM for Equipment Supplies on time	With reference to the Hardware and software quoted in bid. We hereby undertake that all the Hardware and software used shall be supplied in 12 weeks form the PO issuance.		Revised clause reads: "With reference to the Hardware and software quoted in bid. We hereby undertake that all the Hardware and software used shall be supplied in 20 weeks form the PO issuance."