

S.No	RFP Document Reference(s) (PageNumber)	RFP Document Reference(s) (Section)	Clause (in brief) of RFP requiring clarification(s)	Brief details/ Query in reference to the clause	Response
1	7	Section-A: INTRODUCTION	Bidder/Vendor ---A firm fulfilling eligibility criteria and submitting a proposal in response to this RFP, in its individual capacity.	Request to consider the definition as: Bidder/Vendor ---A firm fulfilling eligibility criteria and submitting a proposal in response to this RFP, in its individual capacity / Bidder's Parent company (incase, bidder is wholly owned subsidiary of the parent company).	Please be guided by the RFP
2	11	EMD Criteria	EMD of 23 lakhs has been asked	As per GOI guidelines vide office memorandum no .F.9/4/2020-PPD dt 12-11-2020, provision of bid security declaration has to be kept in lieu of EMD. Therefore, the requirement of submission of EMD may be replaced by submission of Bid Security Declaration.	Please be guided by the RFP
3	12	Brief on the Scope of Work:	The scope of work for this tender is to design, supply, install, integrate commission and maintain the Data Centre and Campus Switches and other Network devices for LIC of India in the existing LIC's Network for select locations.	We would like to know the Location details where these switches are going to be deployed.	The same shall be shared with the successful bidder .
4	13	1) Minimum Eligibility Criteria (MEC):	LIC will use the following as the Minimum Eligibility Criteria (MEC) for this RFP and evaluating bidders. The System Integrators (SI) fulfilling the following criteria only should respond to the RFP/Tender:	Request to modify the clause as: LIC will use the following as the Minimum Eligibility Criteria (MEC) for this RFP and evaluating bidders. The System Integrators (SI)/bidder or bidder's parent company (incase, bidder is wholly owned subsidiary of the parent company), hereafter also shall be referred to as Bidder, fulfilling the following criteria only should respond to the RFP/Tender:	Please be guided by the RFP
5	13	Experience Criteria	Bidder should have executed two projects in the last 3 Years.	Projects executed in the last 7 Years may be considered for eligibility.	Please refer to the revised eligibility criteria
6	13	Minimum Elig Criteria	The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Request LIC to modify the clause as mentioned below The Bidder should have executed two orders of Rs.20-Crore Rs. 8 Crore each, in any of the last three five financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three five financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Please refer to the revised eligibility criteria

7	13	Minimum Eligibility Criteria (MEC): Experience Point Number 4	The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Request you to change it to The Bidder should have executed two orders of Rs. 5 crores each, in any of the last FIVE financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments/ Enterprise Private Customers in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last FIVE financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Please refer to the revised eligibility criteria
8	13	Section-B	The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	The Bidder should have executed two orders of Rs. 5 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments/ Enterprise in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN/ SDWAN as one of the components of the various networking equipments.	Please refer to the revised eligibility criteria
9	13	Section-B: ELIGIBILITY CRITERIA: 1)Minimum Eligibility Criteria (MEC):	The bidder shall be a system integrator (SI) for Networking software and equipment such as SDN, Data Centre switches; campus switches, operating since last three financial years. Such System integrators should have back-to-back support with the respective OEM and should not be a mere reseller.	We understand PPP-MII Order is duly applicable on the tender. As per Clause 10 of the PPP-MII Order, the eligibility conditions shall not be restrictive to exclude the Class-I and Class-II OEMs. The current clause in conjunction with Clause 4. is restrictive as it ensures that only existing SIs/ OEMs become eligible to participate eliminating domestic OEMs. We request to amend the clause as, "The bidder shall be a system integrator (SI) for Networking software and equipment such as SDN, Data Centre switches; campus switches, Networking switches, operating since last three financial years". Kindly confirm.	Please refer to the revised eligibility criteria

10	13	Section-B: ELIGIBILITY CRITERIA: 1) Minimum Eligibility Criteria (MEC):	Experience: - 4. The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	We understand PPP-MII Order is duly applicable on the tender. As per Clause 10 of the PPP-MII Order, the eligibility conditions shall not be restrictive to exclude the Class-I and Class-II OEMs. The current clause in conjunction with Clause 2. is restrictive as it ensures that only existing SIs/ OEMs become eligible to participate eliminating domestic OEMs. We understand LIC wants to ensure bidder/ OEM has the capability to support the network technology and has the relevant experience to undertake the work as outlined in the RFP. However, the clause of being specific on bidder of the proposed OEM with specific product of SDN is restrictive and discriminatory. We request you to amend the clause as, "Experience: - 4. The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments/ Telecommunication companies in India. Purchase Orders for supply, installation and maintenance of Network equipments in the last three financial years immediately preceding the date of this RFP are to be furnished." Kindly confirm.	Please refer to the revised eligibility criteria
11	13	Section-B: ELIGIBILITY CRITERIA: 1) Minimum Eligibility Criteria (MEC):	The bidder shall be a system integrator (SI) for Networking software and equipment such as SDN, Data Centre switches; campus switches, operating since last three financial years. Such System integrators should have back-to-back support with the respective OEM and should not be a mere reseller.	The clause to be modified as : The bidder or bidder's parent company (incase, bidder is wholly owned subsidiary of the parent company) shall be a system integrator (SI) for Networking software and equipment such as SDN, Data Centre switches; campus switches, operating since last three financial years. Such System integrators should have back-to-back support with the respective OEM and should not be a mere reseller.	Please be guided by the RFP
12	13	Section-B: ELIGIBILITY CRITERIA: 1) Minimum Eligibility Criteria (MEC):	The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Since last two year has been effected by Covid -19 pandemic with little or no business activities, the clause is requested to be modified as: The Bidder or bidder's parent company (incase, bidder is wholly owned subsidiary of the parent company) should have executed two orders of Rs. 20 crores each, in any of the last Five financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last Five financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Please refer to the revised eligibility criteria .
13	13	Section-B: ELIGIBILITY CRITERIA: 1) Minimum Eligibility Criteria (MEC):	Bidder should have minimum annual turnover of Rs. twenty five crores in each of the last three Financial Years immediately preceding the date of this RFP.	The clause to be modified as : Bidder or bidder's parent company (incase, bidder is wholly owned subsidiary of the parent company) should have minimum annual turnover of Rs. twenty five crores in each of the last three Financial Years immediately preceding the date of this RFP.	Please be guided by the RFP

14	13	Section-B: ELIGIBILITY CRITERIA- Experience- Point 4	The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	The Bidder should have executed two orders of Rs. 20 crores each, in any of the last Seven financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments/IT Infrastructure , in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments. We request you ask the experience of seven years with IT infrastructure and to remove the proposed oem clause.	Please refer to the revised eligibility criteria
15	13	Section-B: ELIGIBILITY CRITERIA- Other Documents Requirements- Point 7	The proposed OEM switches should have been installed in atleast 500 locations in one PSU/BFSI in the last three years preceding the date of this RFP.	The switches should have been installed in atleast 500 locations in one PSU/BFSI in the last Seven years preceding the date of this RFP.	Please refer to the revised eligibility criteria
16	13	Section-B: ELIGIBILITY CRITERIA 1) Minimum Eligibility Criteria (MEC): Point No. 7	The proposed OEM switches should have been installed in atleast 500 locations in one PSU/BFSI in the last three years preceding the date of this RFP.	Requesting you to change it to " Bidder should have installed proposed technology components in one PSU/BFSI in the last three years preceding the date of this RFP	Please be guided by the RFP
17	13	MINIMUM ELIGIBILITY CRITERIA	The bidder shall be a system integrator (SI) for Networking software and equipment such as SDN, Data Centre switches; campus switches, operating since last three financial years. Such Systemintegrators should have back-to-back support with the respective OEM and should not be a mere reseller	You are requested to please amend the clause as per below. The bidder shall be a system integrator (SI) for Networking software and equipment such as SDN/ Data Centre switches/ campus switches operating since last three financial years. Such System integrators should have back-to-back support with the respective OEM and should not be a mere reseller	Please be guided by the RFP

18	13	EXPERIENCE	Experience The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	You are requested to please amend the clause as per below. The Bidder / OEM should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Please refer to the revised eligibility criteria
19	13	1) Minimum Eligibility Criteria (MEC):	4. The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Request LIC to consider this clause as "The Bidder should have executed two orders of Rs. 20 crores each, in any of the last five financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of Similar products in this bid, (as stated in point no 2), in the last five financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments."	Please refer to the revised eligibility criteria
20	13	Section B (1)	Eligibility Condition: 4. The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments. Documentary Evidence Required: Details to be submitted in Annexure-V along with the documentary evidence like copy of the purchase order(s), work order or certificate from the customers etc.	We request you to kindly modify the clause as mentioned below : Eligibility Condition: 4. The Bidder should have executed two orders of Rs. 15 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments. *We are here with Sincerely Requesting to remove the clause- "Proposed OEM" respectively.* Documentary Evidence Required:	Please refer to the revised eligibility criteria

21	14	Minimum Elig Criteria	The proposed OEM switches should have been installed in atleast 500 locations in one PSU/BFSI in the last three years preceding the date of this RFP.	Request LIC to modify the clause as mentioned below The proposed OEM switches should have been installed in atleast 500 location and minimum 5000 ports for DC Campus Networking switches in one PSU/BFSI in the last three five years preceding the date of this RFP for Campus Switching Solution. Documentary Evidence through Purchase Order/Work Order from OEM/Bidder	Please refer to the revised eligiblity criteria
22	14	Minimum Eligibility Criteria (MEC):Experience Point Number 7	The proposed OEM switches should have been installed in at least 500 locations in one PSU/BFSI in the last three years preceding the date of this RFP.	Request you to change it to The Bidder should have installed switches at least 300 locations in one PSU/BFSI/ Enterprise Private Customers in the last FIVE years preceding the date of this RFP.	Please refer to the revised eligiblity criteria
23	14	Minimum Eligibility criteria	Proposed OEM Switches should have been installed in 500 locations in one PSU / BFSI in the last three years.	Proposed OEM Switches should have been installed in 500 locations in one PSU / BFSI in the last five years.	Please refer to the revised eligiblity criteria
24	14	Section-B: ELIGIBILITY CRITERIA	The provisions PPP-MII Orders issued by the Government of India, and modified from time to time shall apply to this RFP.	We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC. Kindly confirm if our understanding is correct in compliance to PPP-MII Order applicable on the RFP.	Please be guided by the RFP
25	14	Section-B: ELIGIBILITY CRITERIA: Other Documents Requirements	7. The proposed OEM switches should have been installed in atleast 500 locations in one PSU/BFSI in the last three years preceding the date of this RFP.	We understand by location it is inferred upon as no. of equipment. The locations of deployment are confidential to any project. We request you not to restrict the deployment to PSU/ BFSI alone since ethernet as a technology is widely used in the industry with myraid of applications. We request to amend the clause as, "7. The proposed OEM switches should have been installed in atleast 500 nos. in to various branches/offices of Commercial Banks / PSUs/ Financial Institutions/ Telecommunication companies/ Govt. Organizations in the last three years preceding the date of this RFP". Kindly confirm.	Please refer to the revised eligiblity criteria

26	14	Section-B: ELIGIBILITY CRITERIA: Other Documents Requirements	9. The bidder has to provide details of Top 2 customers being serviced by them for Network equipments as stated in point no (2).	We understand PPP-MII Order is duly applicable on the tender. As per Clause 10 of the PPP-MII Order, the eligibility conditions shall not be restrictive to exclude the Class-I and Class-II OEMs. The current clause in conjunction with Clause 2. is restrictive as it ensures that only existing SIs/ OEMs become eligible to participate eliminating domestic OEMs. We request to amend the clause as, "The bidder has to provide details of Top 2 customers being serviced by them for Network equipments". Kindly confirm.	Please be guided by the RFP
27	14	Section-B: ELIGIBILITY CRITERIA: 1) Minimum Eligibility Criteria (MEC):	Bidder should have been making profit after taxes during at least two out of the three Financial years immediately preceding the date of this RFP.	The clause to be modified as: Bidder or bidder's parent company (incase, bidder is wholly owned subsidiary of the parent company) should have been making profit after taxes during at least two out of the three Financial years immediately preceding the date of this RFP.	Please be guided by the RFP
28	14	Section-B: ELIGIBILITY CRITERIA: 1) Minimum Eligibility Criteria (MEC):	The bidder has to provide details of Top 2 customers being serviced by them for Network equipments as stated in point no (2).	The clause to be modified as: The bidder or bidder's parent company (incase, bidder is wholly owned subsidiary of the parent company) has to provide details of Top 2 customers being serviced by them for Network equipments as stated in point no (2).	Please be guided by the RFP
29	14	Section-B: ELIGIBILITY CRITERIA: 1) Minimum Eligibility Criteria (MEC):	Note- The bidders are not permitted to authorize their dealers/distributors/partners/ franchisees / subsidiaries / sister concerns etc., (including individuals and third party firms/companies) to either collect or submit the tender-related documents on their behalf. LIC will summarily reject such requests and arrangements. The provisions PPP-MII Orders issued by the Government of India, and modified from time to time shall apply to this RFP.	The clause may be modified as: Note- The bidders are not permitted to authorize their dealers/distributors/partners/ franchisees etc., (including individuals and third party firms/companies) to either collect or submit the tender-related documents on their behalf. LIC will summarily reject such requests and arrangements. The provisions PPP-MII Orders issued by the Government of India, and modified from time to time shall apply to this RFP.	Please refer to the revised eligibility criteria .
30	14	EMD OF 23 LAKHS	YOU ARE REQUESTED TO PROVIDE BANK DETAEarnest Money Deposit (EMD) By way of BG : Rs. 23,00,000/- (Rupees Twenty Three Lakhs only) Total EMD : Rs. 23,00,000/- (Rupees Twenty Three Lakhs only) ILS FOR EMB BG PREPARATION	You are requested to please provide the Bank Details for EMD BG Preparation	Please be guided by the RFP
31	14	1) Minimum Eligibility Criteria (MEC):	7. The proposed OEM switches should have been installed in atleast 500 locations in one PSU/BFSI in the last three years preceding the date of this RFP.	Request LIC to consider this clause as " The proposed OEM switches should have been installed in atleast 200 numbers in one PSU/BFSI/Govt in the last five years preceding the date of this RFP."	Please refer to the revised eligibility criteria

32	15	Section C (1)	8. In response to this Bid by the Bidder will be deemed as consent to all the terms and conditions mentioned in this RFP along with its Annexure(s), Clarifications, if any. 9. All the terms and conditions and the contents of the RFP along with the Annexure(s), Clarifications, if any, will be contractually binding and will form part of the resulting agreement and any purchase orders, to be issued to the successful Bidder, from time to time as an outcome of this process.	We request the customer to relax this provision so as to provide us with an opportunity to suggest amendments to certain terms and conditions.	Please be guided by the RFP
33	16	4) Qualification Criteria-	Only the bidders who meet all the qualifications mentioned in Section "Eligibility Criteria" of this RFP are eligible to participate in the RFP.	We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC. Kindly confirm if our understanding is correct in compliance to PPP-MII Order applicable on the RFP.	The Clause is with respect to the bidder and not the OEM .
34	16	Consortium and Sub Contracting	The proposed OEM switches should have been installed in atleast 500 locations in one PSU/BFSI in the last three years preceding the date of this RFP.	Allow consortium and subcontracting so that a suitable and competitive bid could be prepared and submitted	Please be guided by the RFP
35	16	Section C (2)	No consortium or joint bid or sub-contracting is allowed. However, this RFP permits the Bidder to deploy one or more partners with whom its relationship of the bidder pre-exists as on the date of bid submission.	We request the customer to allow us to subcontract with prior notification to the customer. Further, we seek to clarify that this clause allows us to engage with already existing sub contractors.	Please be guided by the RFP

36	18	12) Earnest Money Deposit:	The bidder should submit to LIC a total of Rs.23,00,000/- (Rupees Twenty Three Lakhs Only) as EMD along with the Bid document in form of a unconditional and irrevocable Bank Guarantee (as per Annexure-VII) valid for one year from the date of opening of eligibility bid. Non-submission of unconditional and irrevocable EMD along with Eligibility-Bid document may disqualify the Bidder.	As per the Finance ministry circular dt: 12th Nov. 2020, it is reiterated in the Procurement Manuals, no provisions regarding Bid Security should be kept in the Bid Documents in future and only provision for Bid Security Declaration should be kept in the Bid Documents. Request to Waive off the EMD against which we shall provide Bid Security Declaration that we may be liable to be suspended from participation in any future tenders of the Bank if 1. The bid submitted by us is withdrawn/modified during the period of bid validity. 2. If any statement or any form enclosed by us as part of this Bid turns out to be false / incorrect at any time during the period of prior to signing of Contract. 3. In case of we becoming successful bidder and if: a) we fail to execute Contract within the stipulated time. b) we fail to furnish Performance Bank Guarantee within the timelines stipulated in this RFP document.	Please be guided by the RFP
37	18	Minimum Eligibility Criteria (MEC), Experience	The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	Total Value bid would not exceed more than INR 10 Cr,	Please refer to the revised eligibility criteria
38	24	20) Bid Validity Period	Bids shall remain valid for one year from the date of Online Reverse Auction.	Kindly confirm if the order shall be placed on the L1 bidder for all the quantity in one single purchase order? Or it shall be in phases within bid validity period of 1 year? If yes, kindly define the quantities in each of the phases in order to assess the delivery/ Installation/ Commissioning time lines of over all project.	The purchase order can be placed in a staggered manner .
39	24	22) Procedure for opening of the bids:	c) Technical bids will be evaluated only for those bidders declared as "qualified" as per the MEC.	We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC. Kindly confirm if our understanding is correct in compliance to PPP-MII Order applicable on the RFP.	The Clause is with respect to the bidder and not the OEM .

40	24	23) Bid Evaluation:	a) LIC will evaluate the Bids submitted in response to the RFP and all supporting documents /documentary evidences as per the requirements stated in the RFP documents and its subsequent modifications (if any).	We understand LIC will comply to PPP-MII policy provisions with respect to eligibility and technical specifications. The current eligibility conditions are restrictive to domestic OEMs and favor incumbent OEMs/ bidder to be eligible. We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC in compliance to the provisions of PPP-MII Order which shall be fully complied by LIC. Kindly confirm.	Please be guided by the RFP
41	24	Section C (20)	Bids shall remain valid for one year from the date of Online Reverse Auction.	Bidder requests for bid validity of 6 months from last date for submission of bid.	Please be guided by the RFP
42	25	23) Bid Evaluation:	d) Evaluation of the responses to the bids and subsequent selection of the successful bidder(s) will be entirely at the discretion of LIC and will be binding on the bidders. LIC's decision shall be final and no correspondence seeking clarifications about the decision shall be entertained.	We understand LIC will comply to PPP-MII policy provisions with respect to eligibility and technical specifications. The current eligibility conditions are restrictive to domestic OEMs and favor incumbent OEMs/ bidder to be eligible. We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC in compliance to the provisions of PPP-MII Order which shall be fully complied by LIC. Kindly confirm.	Please be guided by the RFP

43	25	24) Rejection of non-compliant bid:	a) LIC reserves the right to reject any or all bids on the basis of any deviation(s). b) Bids found with suppression of details, subjective, conditional offers, partial offers will be rejected. The decision of LIC in the evaluation of bids shall be final.	We understand LIC will comply to PPP-MII policy provisions with respect to eligibility and technical specifications. The current eligibility conditions are restrictive to domestic OEMs and favor incumbent OEMs/ bidder to be eligible. We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC in compliance to the provisions of PPP-MII Order which shall be fully complied by LIC. Kindly confirm.	Please be guided by the RFP
44	25	25) Eligibility Criteria Evaluation	The Bidder needs to comply with all the eligibility criteria mentioned below in Stage 1 of the RFP to be eligible for evaluation in Stage 2. Non-compliance to any of these criteria would result in outright rejection of the Bidder's proposal. The Bidder is expected to provide proof for each of the points for eligibility evaluation. The proof provided has to be in line with the details mentioned in the various Annexures of the eligibility Criteria. Any credential detail mentioned in the Annexures Eligibility Criteria and not accompanied by relevant proof documents will not be considered for evaluation. All credential letters/ purchase orders/ contract copies should be appropriately bound, labeled and segregated in the respective areas.	We understand LIC will comply to PPP-MII policy provisions with respect to eligibility and technical specifications. The current eligibility conditions are restrictive to domestic OEMs and favor incumbent OEMs/ bidder to be eligible. We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC in compliance to the provisions of PPP-MII Order which shall be fully complied by LIC. Kindly confirm.	Please be guided by the RFP

45	25	26) Technical Bid Evaluation process:	The technical bids will be evaluated only of those bidders who fulfill the eligibility criteria.	We understand LIC will comply to PPP-MII policy provisions with respect to eligibility and technical specifications. The current eligibility conditions are restrictive to domestic OEMs and favor incumbent OEMs/ bidder to be eligible. We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC in compliance to the provisions of PPP-MII Order which shall be fully complied by LIC. Kindly confirm.	Please be guided by the RFP
46	26	27) Commercial Bid Evaluation process	a)Only those Bidders who qualify in Eligibility and Technical evaluation would be shortlisted for commercial evaluation via Reverse Auction conducted by LIC's Authorized e-Procurement service provider.	We understand LIC will comply to PPP-MII policy provisions with respect to eligibility and technical specifications. The current eligibility conditions are restrictive to domestic OEMs and favor incumbent OEMs/ bidder to be eligible. We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC in compliance to the provisions of PPP-MII Order which shall be fully complied by LIC. Kindly confirm.	Please be guided by the RFP
47	29	33) Contracting	LIC reserves the right to incorporate standard contract provisions and the contract shall at all times be compliant to: General Financial Rules 2017 for contract management https://doe.gov.in/sites/default/files/GFR2017_0.pdf	We would like to bring to your notice that the current RFP violates the GFR Rule no. 149 as the items being procured are available on GeM. Please refer below categories which are available on GeM which is similar to what is being procured in the current RFP. 1. Layer 2 Access Switches 2. Layer 3 Access Switches 3. Core Switch 4. Distribution Switch We request you to undertake the RFP in compliance to GFR rules and amendments. The link for GFR rule 149 is reproduced as, "https://doe.gov.in/sites/default/files/Amendments%20in%20General%20Financial%20Rules%20-GFR%202017.pdf". Kindly confirm to undertake the RFP on GeM in compliance to GFR rules.	Please be guided by the RFP

48	29	Section C (33)	LIC reserves the right to incorporate standard contract provisions into any contract negotiated as a result of any proposal submitted in response to this RFP. These provisions may include such things as the normal day-to-day relationships with the Bidder, but may not substantially alter the requirements of this RFP.	We understand that the contract shall be mutually agreed between the parties.	Please be guided by the RFP
49	31	Section D (A1)	Buy-Back rates should be quoted inclusive of all taxes (wherever applicable)	Bidder requests to add buyback as a part of the commercial template, if it is under the scope of work. (In the Commercial_NPV sheet, there is no buyback line)	Please refer to the revised commercial sheet
50	32	Delivery & Installation schedule and Penalty	Delivery, installation and integration (with the current setup) of the ordered equipments should be completed within 56 days from the date of issue of Purchase order.	Request you to change it to Delivery and Installation of equipments and licenses (if any) as per the technical specification and scope of work mentioned in this RFP 16 Weeks	Please refer to the revised delivery and installation schedule. Please refer to the revised SLAs
51	32	Delivery & Installation schedule and Penalty (in case of a delay)	Delivery, installation and integration (with the current setup) of the ordered equipments should be completed within 56 days from the date of issue of Purchase order	We request LIC to please increase the delivery timelines from 56 days to 112 days as due the pandemic there is delay from most of the OEM	Please refer to the revised delivery and installation schedule. Please refer to the revised SLAs
52	32	Section D (A3)	d)Delay in delivery, installation and integration beyond 56 days will attract a penalty 0.2 % of the cost of all the items ordered for that location, per day from the 57th day till the date of installation/integration subject to a maximum of 10% of the total cost of items for that location under the PO.	Bidder requests for penalty of 0.2% of cost of undelivered items ordered for that location, per day beyond 84 days (as per SLA Schedule) with the overall penalty capped to 10% of the undelivered items under the P.O. Further bidder requests for a cure period of 30 days beyond 107 days before LIC decides to cancel the purchase order/terminate the contract.	Clause revised as "(d) Delay in delivery, installation and integration beyond 98 days will attract a penalty 0.2 % of the cost of all the items ordered for that location, per day from the 99th day till the date of installation/integration subject to a maximum of 10% of the total cost of items for that location under the PO
53	32	3) Delivery & Installation schedule and Penalty (in case of a delay):	(a) Delivery, installation and integration (with the current setup) of the ordered equipments should be completed within 56 days from the date of issue of Purchase order.	Request to change to 180 days	Please refer to the revised delivery and installation schedule. Please refer to the revised SLAs

54	33	Section D (A4)	(e) In case of SNR, payments to the vendor will not be withheld for want of installation certificate. However, the vendor has to submit an undertaking that as and when the site is ready, the said equipments will be installed by the vendor within 14 days of being intimated that the site is ready. If installation is not done within the stipulated time-frame of 14 days, penalty of 0.3% of the total cost of the item(s) per day will be applicable from the 15th day onwards, subject to a maximum of 10% of the cost of that item(s)	Bidder requests for the overall cap of penalty under delivery/installation and integration and SNR and SLA penalties to 10% of overall value in addition to the clause mentioned alongside.	Please be guided by the RFP
55	34	Section D (B3)	a: The PBG should be valid for the entire contract period from the date of its submission to LIC and an additional three months from the date of notification	Bidder requests for 30 days of furnishing of PBG from the date of issue of LOI/notification of award of contract. Further bidder requests to furnish PBG for initial 18 weeks for the capex value of the contract. Further for the next 5 years, bidder requests for annual PBG for the 5 year contract value.	Please be guided by the RFP
56	36	Section D (8)	Consequences of Termination of the Selected Bidder:	We request that in the event of any termination, the customer shall make payments for all goods/services delivered till the effective date of termination. Further, prior to exercising any termination rights, the customer shall provide us with a cure period of at least 30 days.	Payment of Goods and Services Availed will be made .
57	38	13) Fraud and Corrupt Practices:	(d)“Restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Vendors with the objective of restricting or manipulating a full and fair competition in the Selection Process.	We would like to bring to your notice that the technical requirements laid in the RFP favor only incumbent OEM and are restrictive and discriminatory. They presumably discourage competition & thereby promoting formation of a cartel eliminating domestic OEMs despite the fact non-local OEMs are not eligible to participate. We request LIC to look into the restrictive conditions on eligibility/ presence in Gartner's quadrant and make interoperability with cisco on IEEE/ITU-T standards and remove other locking specifications promoting incumbent OEM and to suitably amend the same.	Please be guided by the RFP
58	41	Section D (B18)	Contract Period Unless terminated in accordance with the terms and conditions of this RFP, the duration of the Contract Period will be 5 years from date of signing of contract between LIC and the selected Bidder.	We understand that overall contract duration is 18 weeks of initial delivery/implementation/integration and 5 years of support. Bidder seeks confirmation on overall contract duration basis on the above understanding.	Please be guided by the RFP
59	42	Section D (23)	The Vendor will not be allowed to subcontract any portions of the scope of this RFP to any other party.	We request the customer to allow us to subcontract with prior notification to the customer.	Please be guided by the RFP
60	42	Section D (B23)	23) Subcontracting The Vendor will not be allowed to subcontract any portions of the scope of this RFP to any other party.	Bidder requests to allow subcontracting for this RFP (to engage few vendors, however overall responsibility to deliver the contract shall lie with the bidder)	Please be guided by the RFP

61	42	Section D (B25)	25) Varying the Services 25.1 Variations proposed by LIC LIC reserves the right to initiate any change in the scope of contract. Vendors must factor in a maximum of 10% scope changes within the services cost to be quoted in the commercial bid. Any change in the scope beyond this 10% will be informed to the vendor in writing. If LIC wants to vary the Services:	Bidder request to reduce change in scope by 5% (as 10% will have an impact on overall financials)	Please be guided by the RFP
62	42	Subcontracting	The Vendor will not be allowed to subcontract any portions of the scope of this RFP to any other party.	It is a standard practice and norm within the telecom industry to perform certain mandate work through sub-contractors and in case we are supposed to take permission for such activity from customer, this invariably would delay the process of timely provisioning and meeting of time lines agreed between Parties. It is agreeable that Bidder would be solely liable for such third party sub-contractors	Please be guided by the RFP
63	42	Subcontracting	The Vendor will not be allowed to subcontract any portions of the scope of this RFP to any other party.	Bidder requests LIC to allow subcontracting portion of the work to approved subcontracters	Please be guided by the RFP
64	48	Section D (34)	Security	We request the customer to provide us with the relevant policies prior to compliance.	Please be guided by the RFP
65	49	Section D (37)	Termination	We request a cure period of at least 30 days be provided prior to termination for breach. Further, termination or reduction of scope for convenience be with at least 90 days' prior notice. Furthermore, in the event of any termination, the customer shall make payments for all goods/services delivered till the effective date of termination.	Please be guided by the RFP
66	50	Section D	37.3. In the event of LIC terminating the Contract in whole or in part, LIC may procure, upon such terms and in such manner as it deems appropriate, Systems or Services similar to those undelivered, and the Vendor shall be liable to LIC for any excess costs for such similar systems or Services.	We request that the risk purchase be capped at 10% of the total contract value.	Please be guided by the RFP
67	52	Section D	39.1. The quantity of material may vary up to 25% of the quantity mentioned in this document.	We request clarification on this clause as there is a discrepancy in the RFP in terms of the variation in scope.	Please be guided by the RFP

68	53	39.8 Governing law and jurisdiction	The contract shall be governed by and construed in accordance with the laws of India, without giving effect to conflict of law rules.	We understand LIC will comply to PPP-MII policy provisions with respect to eligibility and technical specifications. The current eligibility conditions are restrictive to domestic OEMs and favor incumbent OEMs/ bidder to be eligible. We understand in reference to PPP-MII clause, the RFP is reserved for "Make In India" products only. As per provisions of PPP-MII Order wide Clause no. 3 (a), (b) & (c), Only Class-I (Minimum Local content more than 50%) and Class-II (minimum local content more than 20% but less than 50%) local suppliers are eligible to participate in the tender and non-local OEMs are not eligible to participate in the tender. In compliance to the provisions of PPP-MII policy, bidders have to quote either Class-I or Class-II OEM product only. The bid of any bidder who quotes non-local OEM not meeting the local content value addition as prescribed in the PPP-MII Order' 2017 will be summarily rejected by LIC in compliance to the provisions of PPP-MII Order which shall be fully complied by LIC. Kindly confirm.	Please be guided by the RFP
69	54	Scope of Work	The vendor has to provide the necessary patch cords/OFC patch cords with appropriate connectors (if required) for termination.	Bidder requests clarity from LIC on this point Is the bidder required to provide all cables for 1) Server connectivity for all 10 % ports 2) 100 % cables for uplink ports	Please be guided by the RFP
70	54	Section-E: SCOPE OF WORK	To de-commission the existing network devices in the setup and commission the new network devices in the setup in such a manner, that there is no downtime involved for the installation of data center switches.	Installation of New switches will not require any downtime. However, for migration from existing network to new network decices will require minimal downtime, which can be decided based on mutual discussion with LIC, during implementation.	Downtime not exceeding four hours will be provided.
71	54	Section-E: SCOPE OF WORK	Any device/ equipments/components/ software supplied under this RFP should not be end of support in the next six years and should not be end of sale in the next 2 years.	Reques to take the confirmation from OEM in stead of bidder.	The OFC cables will be provided by LIC but the vendor has to provide the necessary patch cords/OFC patch cords with appropriate connectors (if required) for termination .

72	54	Section-E: SCOPE OF WORK	LIC is re-designing its Data Center architecture and the vendor has to do end to end, designing, configuration of the network devices, implementation and customization of the network as per LIC's requirement. This will include complete study of the existing network, network changes being proposed benchmarking, documentation, testing and actual migration. This may also involve configuration of network switches which are already there in the existing network. LIC will make available to the vendor the configuration management tools present with it.	Re-designing of LIC Data Center architecture is scope of this RFP or it will be scope of upcoming RFP? As LIC has provided specification and quantity of Data Center switching infra in this RFP, it is presumed that designing and sizing of the solution has been already done. Hence please clarify. It is recommended that configuration of existing switches has to be done by the Vendor who is maintaining it by providing AMC services. Bidder can help providing the configuration help if required.	Please be guided by the RFP
73	54	Section-E: SCOPE OF WORK	The vendor will be responsible for ensuring end-to-end maintenance of Network/equipments and also undertake all the post failure repair/replacement of all equipments/components supplied & installed by him or previous suppliers	Bidder can not be responsible for the equipments supplied and installed by "previous suppliers". Hence request to please change the clause as follows: The vendor will be responsible for ensuring end-to-end maintenance of Network/equipments and also undertake all the post failure repair/replacement of all equipments/components supplied & installed by him under this RFP.	Clause revised as "The vendor will be responsible for ensuring end-to-end maintenance of Network/equipments and also undertake all the post failure repair/replacement of all equipments/components supplied & installed by him under this RFP"
74	54	Section-E: SCOPE OF WORK	The vendor has to provide the necessary patch cords/OFC patch cords with appropriate connectors (if required) for termination.	Please confirm if mentioned patch cords/ OFC patch cords are only for supplied network components inter connectivity OR is it for Servers connectivity also? Please clarify.	The OFC cables will be provided by LIC but the vendor has to provide the necessary patch cords/OFC patch cords with appropriate connectors (if required) for termination .

75	54	Section-E: SCOPE OF WORK	9)The vendor has to specify various infrastructure requirements which will be required for smooth functioning of the entire project. This will include site requirements, power, cables, UPS, environmental conditions etc. 10)The vendor will be responsible for ensuring end-to-end maintenance of Network/equipments and also undertake all the post failure repair/replacement of all equipments/components supplied & installed by him or previous suppliers. 11)The bidder shall be responsible to provide within scope of work all facilities like labour, transportation, tool Kits, testing equipment, cables, connectors, power cords etc. which is necessary for successful deployment of solution. 12)The successful bidder need to install all the associated equipments needed to complete the job as per the technical specification described in this tender. 13)The vendor has to provide the necessary patch cords/OFC patch cords with appropriate connectors (if required) for termination. 14)Termination of LAN cables/OFC patch cordson Router and end to	We request LIC to share finer details in line to the expected scope of work so that appropriate commercials can be taken in account while preparing the RFP response. The current commercials format consists of supply and maintainence part of the switching products. Without the actual site requirements of power, rack space, length of cables, it is not possible to factor the commercials of scope of work. This is possible only for the incumbent OEM since they are aware of all finer details required in the bid. Kindly share all details in line to the expected scope of work to enable bidders/ OEMs to factor in the commercials.	Please be guided by the RFP
76	54	Section-E: SCOPE OF WORK --Point Number 3	To de-commission the existing network devices in the setup and commission the new network devices in the setup in such a manner, that there is no downtime involved for the installation of data center switches		Downtime not exceeding four hours will be provided.
77	54	Section-E: SCOPE OF WORK--Point Number 9	The vendor has to specify various infrastructure requirements which will be required for smooth functioning of the entire project. This will include site requirements, power, cables, UPS, environmental conditions etc		Please be guided by the RFP
78	54	Section-E: SCOPE OF WORK ; 1. 3)	To de-commission the existing network devices in the setup and commission the new network devices in the setup in such a manner, that there is no downtime involved for the installation of data center switches. However, downtime will be provided the installation of the campus switches.	we need minimum downtime from LIC to shift / migrate connectivity to proposed components; Please clarify if there is any backup/spare devices available on site to shift the nodes/users/equipments from existing devices to be replaced with newly proposed replacement	Downtime not exceeding four hours will be provided.

79	54	Section-E: SCOPE OF WORK ; 1. 7)	Devices/ Equipment/Components/ Software supplied under this RFP should seamlessly integrate with existing network setup of LIC without requiring purchase of additional equipments/components/Software etc. and also without requirement of downgrading or upgrading of existing equipments/ components/software used by LIC. However, if any additional equipments/components/Software etc. is required for seamless integration with existing network setup of LIC; the same has to be provided at no additional cost to LIC. In such cases, the balance 20% payment on delivery will made after the vendor demonstrate seamless integration of the router/equipment/component etc.	Please share existing network setup & integration requirement; Any existing end hardware dependency & support needs to be provided by LIC; We can take care of dependency on proposed components however can only confirm if we receive current setup details with integration requirements	The same shall be shared with the succesful bidder .
80	54	Section-E: SCOPE OF WORK ; 1. 8)	LIC is re-designing its Data Center architecture and the vendor has to do end to end, designing, configuration of the network devices, implementation and customization of the network as per LIC's requirement. This will include complete study of the existing network, network changes being proposed benchmarking, documentation, testing and actual migration. This may also involve configuration of network switches which are already there in the existing network. LIC will make available to the vendor the configuration management tools present with it.	We are assuming that the requirements mentioned in this RFP are inline to the design requirements; Please share us the details of the existing setup for better clarity	The same shall be shared with the succesful bidder .
81	54	Section-E: SCOPE OF WORK ; 1. 11)	The bidder shall be responsible to provide within scope of work all facilities like labour, transportation, tool Kits, testing equipment, cables, connectors, power cords etc. which is necessary for successful deployment of solution.	Please confirm if passive cabling is part of bidders scope or LIC's scope; In case if it is bidder's scope we need clear requirements with respect to DC & Campus requirements for structured cabling, interconnecting devices & user cablings if any	The passive cabling will be done by LIC . However, the bidder has to provide OFC patch cords and any other cable and connector required for connecting the servers/other network devices within the rack with the network equipments .

82	54	Section-E: SCOPE OF WORK ; 1. 13)	The vendor has to provide the necessary patch cords/OFC patch cords with appropriate connectors (if required) for termination.	Please share required lengths, type & quantities	The bidder has to factor all types keeping in view the requirement stated in the RFP .
83	54	Section-E: SCOPE OF WORK	7) Devices/ Equipment/Components/ Software supplied under this RFP should seamlessly integrate with existing network setup of LIC without requiring purchase of additional equipments/components/Software etc. and also without requirement of downgrading or upgrading of existing equipments/ components/software used by LIC. However, if any additional equipments/components/Software etc. is required for seamless integration with existing network setup of LIC; the same has to be provided at no additional cost to LIC. In such cases, the balance 20% payment on delivery will made after the vendor demonstrate seamless integration of the router/equipment/component etc.	Please provide the list of equipments/components/software etc. with which the new proposed solution is to be integrated.	The same shall be shared with the succesful bidder .
84	54	Section-E: SCOPE OF WORK	13) The vendor has to provide the necessary patch cords/OFC patch cords with appropriate connectors (if required) for termination.	Please confirm whether the inter-rack or inter-floor cabling will be provided by LIC.	Please be guided by the clarifications issued in this regard in the corrigendum.
85	55	Section-E: SCOPE OF WORK	Termination of LAN cables/OFC patch cords on Router and end to end testing Looping of cables from Router to patch panels (if required) Looping of cables from Router to switch.	From Data Center equipment perspective, please clarify if passive cabling, Intra-rack or Inter rack cabling is in scope of Bidder. If yes, then please provide necessary details such as Number of Racks, Rack Layout, etc.	Please be guided by the clarifications issued in this regard in the corrigendum.
86	55	Section-E: SCOPE OF WORK	In case there is a cost incurred to LIC due the wrong BoM/Specification/feature-set of network equipment at any location, the same will have to be replaced by vendor at no extra cost to LIC.	LIC has provided the specifications and quantity of required Network components in the RFP. This means LIC has done the complete designing and sizing of the required solution. Hence bidder should not held responsible for any wrong BoM/specification/feature-set mentioned in the RFP, as it is provided by LIC itself. Hence request to please remove this clause.	Please be guided by the RFP
87	55	Section-E: SCOPE OF WORK ; 1. 15)	Looping of cables from Router to patch panels (if required)	Please confirm if this refers to existing Patch panels or newly to be proposed; in case if new required then we we need clear requirements with respect to DC & Campus requirements for structured cabling, interconnecting devices & user cablings if any	Please be guided by the RFP.

88	55	Section-E: SCOPE OF WORK ; 1. 23)	If required by LIC, vendor shall arrange to shift the equipment and install and commission the same at the shifted location depending upon the need and at no extra cost to LIC (only transportation cost, taxes, Octroi, insurance as per actual will be borne by LIC).	Please share no. of locations	The same shall be shared with the succesful bidder .
89	55	Section-E: SCOPE OF WORK	23) If required by LIC, vendor shall arrange to shift the equipment and install and commission the same at the shifted location depending upon the need and at no extra cost to LIC (only transportation cost, taxes, Octroi, insurance as per actual will be borne by LIC).	How many such shiftings are expected in a year?	Please be guided by the RFP
90	55	Section-E: SCOPE OF WORK	27) In case there is a cost incurred to LIC due the wrong BoM/Specification/feature-set of network equipment at any location, the same will have to be replaced by vendor at no extra cost to LIC.	Request to remove this clause as the technical specifications & features required as provided by LIC as part of technical compliance sheet.	Please be guided by the RFP
91	56	37) Back-to-back (back-lining support with OEMs):	b)Login-IDs should be created by the vendor for LIC for logging into the OEMs portal for the support and logging/viewing the status of calls/TAC cases raised by/for LIC of India.	We understand PPP-MII Order is duly applicable on the tender. As per Clause 10 of the PPP-MII Order, the conditions shall not be restricitive to exclude the Class-I and Class-II OEMs. We understand LIC is seeking support for the equipment being purchased and not necessarily a OEM portal assures its resolution or better support. We request to amend the clause as "b)OEM/ Vendor should have 24x7 customer care center to provide necessary support for cases raised by LIC of India". Kindly confirm.	Please be guided by the RFP
92	56	SCOPE OF WORK	The vendor may have to conduct a POC, at LICs request, in Mumbai for all models of equipment supplied, before the supply of the Network equipments.	Request to remove this clause or clarify the scope of work for the POC	Please be guided by the RFP
93	56	Section-E: SCOPE OF WORK	The selected vendor will have to post a full time onsite Service-Delivery Manager (SDM) immediately after the signing of the Contract.	Full time onsite Service-Delivery Manager (SDM) will not be required as per our analysis. Request to please consider a shared resources who would be visiting LIC office as and when required.	Please be guided by the RFP
94	56	Section-E: SCOPE OF WORK	Maintenance of Cisco-ACS	It should not in the scope of bidder as it is the existing network component of LIC.	Clause Deleted
95	56	Section-E: SCOPE OF WORK	36) The vendor has to provide onsite support at Central Office, for monitoring of the network infrastructure (for the equipment/devices/component/solution provided under this RFP). The onsite support will be responsible for the day-to-day maintenance, configuration changes, trouble shooting, and follow up/coordinating with the various stake holders for early resolution of the problems.	Does LIC have monitoring & management tool which will be used by the onsite team for day-to-day operations of the proposed components. If yes, request to provide the details of monitoring & management tool (OEM, product, version, license details, etc)	The same shall be shared with the succesful bidder .
96	57	Section-E: SCOPE OF WORK	He should be placed at LIC premises in Mumbai during LIC's office hours. However, the hours may be extended whenever required.	As suggested SDM need not be Full time onsite resource. Reqeust to remove this clause.	Please be guided by the RFP

97	58	Section-E: SCOPE OF WORK	Details of the concerned candidates along with his/her Curriculum Vitae (CV) are to be provided to LIC along with the photo-identity and supporting documents (duly verified and attested by vendor) within 5 weeks from the date of issue of purchase order/Letter-of-Intent.	Please increase the duration from 5 weeks to 10 weeks.	Details of the concerned candidates along with his/her Curriculum Vitae (CV) are to be provided to LIC along with the photo-identity and supporting documents (duly verified and attested by vendor) within 8 weeks from the date of issue of purchase order/Letter-of-Intent.
98	58	Section-E: SCOPE OF WORK	No telephone connection will be provided by LIC to the onsite support persons.	It is requested to provide workplace for onsite support persons along with Desktop PC with access to LIC Network Monitoring Tools & other necessary tools to function their role smoothly. Desktop Intercomm Phone is also requested so that support calls can be addressed over the Phone.	Please be guided by the RFP
99	58	Submission of CV, selection of the onsite Engineers by LIC, other conditions	Details of the concerned candidates along with his/her Curriculum Vitae (CV) are to be provided to LIC along with the photo-identity and supporting documents (duly verified and attested by vendor) within 5 weeks from the date of issue of purchase order/Letter-of-Intent.	We request LIC to please allow 30 days	Please be guided by the RFP
100	58	General Query		Bidder seeks to understand whether onsite FMS shall be at CO-IT or in Zonal offices also Kindly help with the details accordingly	At Central Office , Mumbai .
101	58	Section-E: SCOPE OF WORK	m) Liaisoning with the LIC-users for prompt resolution of problems	Does the "LIC-users" referred in this clause mean IT team of LIC or end-user of LIC (e.g. branch user)? If branch user is referred here, we recommend to have a service desk which will attend the calls and route the problems reported to appropriate team (e.g. application, network, end device, etc).	IT teams of LIC .
102	58	Section-E: SCOPE OF WORK	n) Escalation of unresolved issues to L2 engineer(s)	As per the RFP, only SDM & L1 engineers are to be deployed onsite. Need clarity on whether the L2 engineers to be onsite or remote. If onsite, requesting LIC to provide the count of L2 engineers required, In case L2 resources are needed, Please include the same in the commercials Bid.	Onsite
103	58	Section-E: SCOPE OF WORK	p) Integration of networking equipments with ACS/TACACS and Configuration Management Tools	Does LIC have monitoring & management tool which will be used by the onsite team for day-to-day operations of the proposed components. If yes, request to provide the details of monitoring & management tool (OEM, product, version, license details, etc)	The same shall be shared with the successful bidder .

104	59	7.Work-flow and ticketing:	c) Integration of LICs network devices with Cisco-ACS for AAA services & controls, Network Monitoring Tool, Prime tool etc. d)Maintenance of Cisco-ACS.	We understand integration of the equipment with existing infrastructure will happen on IEEE/ ITU-T standards only. We understand Cisco-ACS are not a part of current RFP procurement and hence will be out of the maintenance. Kindly confirm that our understanding is correct.	Clause d) is deleted . Clause c) is modified as Integration of LICs network devices with the existing ACS for AAA services & controls, Network Monitoring Tool etc
105	59	Minimum Qualification criteria for the onsite L1 Engineer:	Should be on roll of vendor as on the date of his/her deployment to LIC.	We request LIC to allow bidder to hire the resource on contract	Please be guided by the RFP and the clarification issued in the corrigendum in this regard .
106	59	Scope of Work (6c)	Should be on roll of vendor as on the date of his/her deployment to LIC	Bidder requests the following changes Should be on roll of vendor / authorised partner as on the date of his/her deployment to LIC.	Clause revised as "Should be on roll of vendor / authorised partner as on the date of his/her deployment to LIC. "
107	59	Section-E: SCOPE OF WORK	If any on-site support person leaves before expiry of one year, penalty as per SLA conditions shall be applicable. This will be cumulative in nature for each occurrence.	Please remove this clause, as Bidder will provide the alternate resource with 1 month notice.	Clause revised as "If any on-site support person leaves before expiry of one year, penalty as per SLA conditions shall be applicable. "
108	59	Section-E: SCOPE OF WORK	In case the on-site support person is to be changed by the vendor, minimum of one-and-half month (45 days) advance notice shall be given by the vendor to LIC, for reasons other than termination, death and hospitalization.	Please change the duration to 30 Days.	Please be guided by the RFP
109	59	Section-E: SCOPE OF WORK	a) Centralized Management of all network devices and services.	Is the onsite resource expected to monitor the all branch devices & WAN links? If yes, request to provide the details (device & link inventory and 6month ticket dump) to size appropriate resource requirements.	The network devices and services delivered under the scope of this RFP .

110	59	Section-E: SCOPE OF WORK	e) Provide periodic network reports like (indicative and not exhaustive) : a) Link and Device uptime reports. b) Bandwidth utilization reports. c) Link/Device downtime report d) SLA reports e) Report on Round trip time and delay on the network. f) Any other report(s) as required by the LIC	Is the onsite resource expected to monitor the WAN links? Is monitoring on WAN link part of the RFP scope? If yes, request to provide the details (provider, service type, link quantities and 6month ticket dump) to size appropriate resource requirements.	No , the monitoring of the WAN links is not a part of the RFP scope .
111	61	Section F	Payment Terms	We request that all payments be made within 30 days from the invoice date.	Please be guided by the RFP
112	61	Section F: Payment Terms	Efforts will be made to settle all payments within 30 days, for orders for which complete set of invoices along with supporting requirements are submitted.	Bidder requests committed payment terms of 30 days from date of invoice	Please be guided by the RFP
113	61	Section F: Payment Terms	80% of the payment will be made on Delivery of the equipments/components (including SNR) and submission of Invoice cum delivery Challan and Octroi receipt (if any) etc. Delivery Report (DR) . ii. Balance 20% payment will be made against installation, integration and acceptance testing as per the scope of work	Bidder requests for 90% payment upon delivery of equipments/components and balance 10% payment upon installation, integration, and acceptance testing.	Please be guided by the RFP
114	61	Section-F: Payment Terms	For 80% Payment against delivery: Satisfactory Proof of Commissioning verified by LIC official.	Commissioning activity is part of installation and not of Delivery, hence this clause should be removed.	Clause " Satisfactory Proof of Commissioning verified by LIC official. " deleted under " For 80% Payment against delivery"
115	61	General	Acceptance /Testing critria	We request LIC to please specify the testing and acceptance criteria	Please be guided by the RFP .
116	62	Section G: SLA	Section-G: Service Level Agreement (SLA)	Bidder requests computation of penalty on the undelivered portion against 1, 2, 3, 4, 15, 17, 18 points of SLA. Further request a cumulative capping of penalty of 10% for undelivered portion on the quarterly invoice value	Please be guided by the RFP
117	62	Section-F: Payment Terms	Delivery and Installation of equipments and licenses (if any) as per the technical specification and scope of work mentioned in this RFP. - 12 Weeks	Considering the Covid-19 situation where mobility of Man and Machine could be a challenge, request to please increase the Delivery and Installation timeline to minimum 20 Weeks.	Please refer to the revised "TIME SCHEDULE FOR DELIVERY AND INSTALLATION " along with the SLAs and other relevant clauses

118	62	Section-F: Payment Terms	Onsite support - 6 Weeks	SDM deployment can be done in 6 Weeks. L1 Engineers will be required post implementation, hence please change the timeline for L1 engineers to 20 Weeks.	Please be guided by the RFP
119	62	Section-G: Service Level Agreement (SLA)	Delivery, installation and integration (with the current set up) of the ordered equipments should be completed within 84 days from the date of issue of Purchase order. The DOA cases shall be dealt with in the allowed 84 days period from the date of issue of the purchase order-----0.2% of the cost of all the items ordered for that location, per day from the 85th day till the date of installation/integration subject to a maximum of 10% of the total cost of items for that location under the PO.	We request LIC to amend the clause as below 0.2% of the cost of un delivered items , per weeks from the 16th week till the date of installation/integration subject to a maximum of 10% of the total cost of items for that location under the PO.	Please refer to the revised SLAs
120	62	Section-G: Service Level Agreement (SLA)	In case of a breakdown of appliances, hardware, hardware components accessories, systems software, and/or any products, the relevant defect should be attended immediately and rectified/replaced within 8 working hours of the receipt/notice of the complaint ---0.5% of the cost of all items ordered for that location per each hour of delay beyond 8 working hours or part thereof subject to a maximum of 10% of the total cost of items for that location under the PO	We request LIC to amend the clause as below 0.2% of the cost of all items ordered for that location per each four hours of delay beyond 8 working hours or part thereof subject to a maximum of 10% of the total cost of items for that location under the PO	Please refer to the revised SLAs
121	62	Section-G: Service Level Agreement (SLA)	Failure to provide standby equipments in case of exclusions mentioned in the RFP within 8 working hours of receipt/notice of complaint.----0.5% of the cost of all items ordered for that location per each hour of delay or part thereof subject to a maximum of 10% of the total cost of items for that location under the PO.	We request LIC to please remove this clause as its already covered in uptime	Please be guided by the RFP
122	62	Section-G: Service Level Agreement (SLA)	Delivery, installation and integration (with the current set up) of the ordered equipments should be completed within 84days from the date of issue of Purchase order. The DOA cases shallbe dealt with in the allowed 84days period from the date of issue of the purchase order.	We would like to bring to your notice that for any new OEM, integration will take time and it will not be a cake walk unless LIC wants to restrict domestic OEMs participation and favor only incumbent OEM. We request to amend the clause as "Delivery, installation and integration (with the current set up) of the ordered equipments should be completed within 30-40 weeks from the date of issue of Purchase order. The DOA cases shall be dealt with in the allowed 84 days period from the date of declaration of DOA of the material". Kindly confirm.	Please refer to the revised "TIME SCHEDULE FOR DELIVERY AND INSTALLATION " along with the SLAs and other relevant clauses
123	62	Section-H: ANNEXURES	1)Annexure-I: Covering letter -	We request to add point no. 6) in compliance to PPP-MII policy that we (bidder/ OEM) hereby declare that the offered products meets the local content value addition norms of Class-I or Class-II (mention as applicable). Our offered bid is compliance to PPP-MII Order which is applicable on the bid. Kindly confirm inclusion of the clause.	Please be guided by the RFP

124	62	TIME SCHEDULE FOR DELIVERY AND INSTALLATION	Delivery and Installation of equipments and licenses (if any) as per the technical specification and scope of work mentioned in this RFP 12 Week	Request you to change it to Delivery and Installation of equipments and licenses (if any) as per the technical specification and scope of work mentioned in this RFP 16 Weeks	Please refer to the revised "TIME SCHEDULE FOR DELIVERY AND INSTALLATION " along with the SLAs and other relevant clauses
125	62	TIME SCHEDULE FOR DELIVERY AND INSTALLATION	Delivery and Installation of equipments and licenses (if any) as per the technical specification and scope of work mentioned in this RFP.-- 12 weeks	We request LIC to please increase the delivery timelines from 12 weeks to 16 weeks and provide the 4 weeks for the installation after the hardware delivery	Please refer to the revised "TIME SCHEDULE FOR DELIVERY AND INSTALLATION " along with the SLAs and other relevant clauses
126	62	TIME SCHEDULE FOR DELIVERY AND INSTALLATION	Onsite support--6 Weeks	We request LIC to please increase the time from 6 weeks to 10 weeks	Please be guided by the RFP
127	62	TIME SCHEDULE FOR DELIVERY AND INSTALLATION	Delivery and Installation of equipments and licenses (if any) as per the technical specification and scope of work mentioned in this RFP - 12 Weeks	We would like to bring to your notice that due to pandemic, there is a huge chipset shortages and renowned businesses are being forced to shut their manufacturing facilities due to this acute shortage. Globa chipset suppliers like Braodcom, Xilinx have lead times spanning up to 50 weeks. In lieu of same, we request you to increase the delivery and installation timeline to upto 25-30 weeks. Kindly confirm.	Please refer to the revised "TIME SCHEDULE FOR DELIVERY AND INSTALLATION " along with the SLAs and other relevant clauses
128	62	General	SLA calculation	SLA/downtime calculation will be done basis the trouble ticket raised by the customer with the bidder central helpdesk. Bidder will share the monthly uptime report with the customer where all the SR will be captured along with detailed RFO/RCA.	Please be guided by the RFP

129	62	General	SLA Exemption	NO SLA penalty will be applicable on bidder incase the location is down due to 1) Power issue at customer end. 2) Improper earthing at site. 3) Equipment damaged due to water seepage or stolen from the location. 4) Access not available at site for the bidder engineer to check the issue. 5) LC not available at site. 6) Any condition which is beyond the control of bidder.	Please refer to the revised SLAs
130	63	Section-G: Service Level Agreement (SLA)	In case of a malfunctioning of appliances, hardware, hardware components accessories, systems software, or any products, the relevant defect should be attended immediately and rectified within 8 hours of the receipt/notice of the complaint.	Considering the Covid-19 situation where mobility of Man and Machine could be a challenge, the clause should be changed to as follows: In case of a malfunctioning of appliances, hardware, hardware components accessories, systems software, or any products, the relevant defect should be attended immediately and rectified within 8 working hours of the receipt/notice of the complaint.	Please refer to the revised SLAs
131	63	Section-G: Service Level Agreement (SLA)	In case of a breakdown of appliances, hardware, hardware components accessories, systems software, and/or any products, the relevant defect should be attended immediately and rectified/replaced within 8 working hours of the receipt/notice of the complaint..... 0.5% of the cost of all items ordered for that location per each hour of delay beyond 8 working hours or part thereof subject to a maximum of 10% of the total cost of items for that location under the PO.	Considering the Covid-19 situation where mobility of Man and Machine could be a challenge, the clause may be modified as: In case of a breakdown of appliances, hardware, hardware components accessories, systems software, and/or any products, the relevant defect should be attended immediately and rectified/replaced within 8 working hours of the receipt/notice of the complaint..... 0.5% of the cost of all items ordered for that location per day of delay beyond 8 working hours or part thereof subject to a maximum of 10% of the total cost of items for that location under the PO.	Please refer to the revised SLAs
132	63	Section-G: Service Level Agreement (SLA)	Delay in delivery of products, services, On-Site support:	Penalties has been percentage of the cost of all items ordered for that location. It is request that, Penalties should be applied on the cost of respective undelivered / defective product only.	Please be guided by the RFP
133	67	Annexure II	Turnover and profit of the Company : FY 2020-21	Since the Audit for Financials for FY 2020-21 is in progress and reports will be available in Sep/Oct 2021 ; can bidder submit audited financials for preceding 3 Financial years FY 2019-20.2018-19,2017-18 ? Kindly confirm	Please refer to the revised eligibility criteria and Annexure-II .
134	68	2)Annexure –II: Company profile and other information	Application form for the Eligibility of the bidder - C. Other information/Compliance :-Sr. No. 2 - The bidder shall be a system integrator (SI) for Networking software and equipment such as SDN, Data Centre switches; campus switches, operating since last three financial years. Such System integrators should have back-to-back support with the respective OEM and should not be a mere reseller.	We understand PPP-MII Order is duly applicable on the tender. As per Clause 10 of the PPP-MII Order, the eligibility conditions shall not be restrictive to exclude the Class-I and Class-II OEMs. The current clause in conjunction with Clause 4. is restrictive as it ensures that only existing SIs/ OEMs become eligible to participate eliminating domestic OEMs. We request to amend the clause as, "The bidder shall be a system integrator (SI) for Networking software and equipment such as SDN, Data Centre switches; campus switches, Networking switches, operating since last three financial years". Kindly confirm.	Please be guided by the RFP

135	69	2)Annexure –II: Company profile and other information	Application form for the Eligibility of the bidder - C. Other information/Compliance :- Experience: - 4. The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments in India. Purchase Orders for supply, installation and maintenance of Network equipments of the proposed OEM products in this bid, (as stated in point no 2), in the last three financial years immediately preceding the date of this RFP. Additionally, at least one purchase order of the two mentioned above should necessarily have SDN as one of the components of the various networking equipments.	We understand PPP-MII Order is duly applicable on the tender. As per Clause 10 of the PPP-MII Order, the eligibility conditions shall not be restrictive to exclude the Class-I and Class-II OEMs. The current clause in conjunction with Clause 2. is restrictive as it ensures that only existing SIs/ OEMs become eligible to participate eliminating domestic OEMs. We understand LIC wants to ensure bidder/ OEM has the capability to support the network technology and has the relevant experience to undertake the work as outlined in the RFP. However, the clause of being specific on bidder of the proposed OEM with specific product of SDN is restrictive and discriminatory. We request you to amend the clause as, "Experience: - 4. The Bidder should have executed two orders of Rs. 20 crores each, in any of the last three financial years for any PSUs / Banks / Insurance / Financial Institutions (BFSI)/TSP/Government Departments/ Telecommunication companies in India. Purchase Orders for supply, installation and maintenance of Network equipments in the last three financial years immediately preceding the date of this RFP are to be furnished." Kindly confirm.	Please refer to the revised eligibility criteria .
136	69	2)Annexure –II: Company profile and other information	Other Documents Requirements:- 7. The proposed OEM switches should have been installed in atleast 500 locations in one PSU/BFSI in the last three years preceding the date of this RFP.	We understand by location it is inferred upon as no. of equipment. The locations of deployment are confidential to any project. We request you not to restrict the deployment to PSU/ BFSI alone since ethernet as a technology is widely used in the industry with myraid of applications. We request to amend the clause as, "7. The proposed OEM switches should have been installed in atleast 500 nos. in to various branches/offices of Commercial Banks / PSUs/ Financial Institutions/ Telecommunication companies/ Govt. Organizations in the last three years preceding the date of this RFP". Kindly confirm.	Location is not the same as number of equipments .
137	69	2)Annexure –II: Company profile and other information	Other Documents Requirements:- 9. The bidder has to provide details of Top 2 customers being serviced by them for Network equipments as stated in point no (2).	We understand PPP-MII Order is duly applicable on the tender. As per Clause 10 of the PPP-MII Order, the eligibility conditions shall not be restrictive to exclude the Class-I and Class-II OEMs. The current clause in conjunction with Clause 2. is restrictive as it ensures that only existing SIs/ OEMs become eligible to participate eliminating domestic OEMs. We request to amend the clause as, "The bidder has to provide details of Top 2 customers being serviced by them for Network equipments". Kindly confirm.	Please be guided by the RFP
138	78	10)Annexure-X: Declaration of Quality and Support	3)In respect of licensed software(s) if asked by LIC in the purchase order shall be supplied along with the authorized license certificate and also that it shall be sourced from the authorized source.	In compliance to PPP-MII order wherein only domestic OEMs are eligible to participate in the RFP wherein as per the NDA agreement the data is extremely crucial for LIC, we request to amend the clause as, "3)In respect of licensed software(s) if asked by LIC in the purchase order shall be supplied along with the authorized license certificate and also that it shall be sourced from the authorized source. Source code of the offered equipment/ product should reside in India". Kindly confirm.	Please be guided by the RFP
139	81	14)Annexure-XV:	Additional Request in compliance to PPP-MII Order.	Bidder should submit form-1 as per the DoT/ DPIIT PPP-MII Order declaring the local content of the offered product. The policy document is enclosed for your reference. Kindly confirm inclusion.	Please be guided by the RFP

140	FDC-Switching-RFP-Specifications	24 port 1/10/25G Leaf switch 3.11	The switch should have a minimum of 24 GB DRAM and 128 GB Flash /SSD	Kindly modify to "The switch should have a minimum of 16 GB DRAM and 100 GB Flash /SSD".	Please refer to the revised technical specifications .
141	FDC-Switching-RFP-Specifications	24 port 1/10/25G Leaf switch 3.3	Switch should minimum 1000 VRF instances with route leaking functionality	Kindly modify to "Switch should minimum 300 VRF instances with route leaking functionality".	Please refer to the revised technical specifications .
142	FDC-Switching-RFP-Specifications	24 port 1/10/25G Leaf switch 3.4	The switch should support 300K IPv4 LPM routes.	Kindly modify to "The switch should support 200K IPv4 LPM routes."	Please refer to the revised technical specifications .
143	FDC-Switching-RFP-Specifications	24 port 1/10/25G Leaf switch 3.5	The switch should support Intelligent buffer management with a min buffer of 40 MB.	Kindly modify the clause to "The switch should support Intelligent buffer management with a min buffer of 32 MB."	Please refer to the revised technical specifications .
144	FDC-Switching-RFP-Specifications	24 port 1/10/25G Leaf switch 4.2	Switch should support VXLAN (RFC7348) and EVPN Symmetric IRB (RFC7432) for supporting Spine- Leaf Architecture to optimize the east west traffic flow inside the DC.	Kindly modify to "Switch should support VXLAN (RFC7348) and EVPN (RFC7432) for supporting Spine- Leaf Architecture to optimize the east west traffic flow inside the DC."	Please refer to the revised technical specifications .
145	FDC-Switching-RFP-Specifications	24 Port Leaf: 2.1.1	Minimum 24 port of 1/10/25G SFP Ports for server connectivity and 6 x100G ports for Fabric/Spine Connectivity	24 Port DC Switch is also OEM specific, and favouring a specific OEM. Having 48 Leaf Switch will reduce the no of Switches required, reducing the overall cost of ownership by reducing, power, cooling, rack space, Optics, Fiber requirements. Hence more cost effective for LIC. Also request to include IEEE standard 25 G support, as its very critical for LIC to have stable and reliable 25 G support for server connectivity Request Modification of this Clause	Every server rack has to be provided with a separate switch . Our requirement is of 24 ports . However , the bidder may choose to provide switches with higher number of ports and populate only 24 ports .
146	FDC-Switching-RFP-Specifications	24 Port Leaf: 3.11	The Switch should have 24GB DRAM and 128 GB Flash/SSD	OEM System architectures are different, and every OEM SU don't need same RAM and Flash. The 24 GB DRAM is OEM specific. Request Modification in the Clause	Please refer to the revised technical specifications .
147	FDC-Switching-RFP-Specifications	24 Port Leaf: 3.3	Switch should support minimum 1000 VRFs with route leaking functionality	DC Leaf switches do not require 1000 VRFs. VRFs are more Service provider feature. DCs perform tenancy on VLAN and VxLANs Request Modification of this Clause	Please refer to the revised technical specifications .

148	FDC-Switching-RFP-Specifications	24 Port Leaf: 3.5	The Switch should support intelligent buffer management with a minimum buffer of 40 MB	OEM System architectures are different, and every OEM switch don't require same buffer size. Also 32 of fully shared buffer architecture performs better than 40 Mb of buffer distributed on internal 2 bus architecture. 40 MB buffer is OEM specific Request Modification of this Clause	Please refer to the revised technical specifications .
149	FDC-Switching-RFP-Specifications	24 Port Leaf: 8.4	Switch should support MAC Sec (802.1AE) in Hardware	MACSec is a feature normally suggested. between 2 DCs. Hence Request Removal of the Clause	Clause Delted
150	FDC-Switching-RFP-Specifications	24 Port Leaf: 8.8	Switch should support Dynamic ARP Inspection to ensure host integrity by preventing malicious users from exploiting the insecure nature of the ARP Protocol	Request modifaciton as the method asked is very specific to a particular OEM	Please be guided by the RFP
151	FDC-Switching-RFP-Specifications	24 Port Leaf: 9.6	Switch must have SPAN with minimum 4 Active Sessions and ERSPAN on Physical Port Channels, VLAN Interaces	GRESpan is also equally accepted instead of ERSPAN. Request Modification of the Clause	Please refer to the revised technical specifications .
152	FDC-Switching-RFP-Specifications	48 port 1/10/25G Leaf switch 3.11	The switch should have a mimimum of 24 GB DRAM and 128 GB Flash /SSD	Kindly modify to "The switch should have a mimimum of 16 GB DRAM and 100 GB Flash /SSD".	Please refer to the revised technical specifications .
153	FDC-Switching-RFP-Specifications	48 port 1/10/25G Leaf switch 3.3	Switch should minimum 1000 VRF instances with route leaking functionality	Kindly modify to "Switch should minimum 300 VRF instances with route leaking functionality".	Please refer to the revised technical specifications .
154	FDC-Switching-RFP-Specifications	48 port 1/10/25G Leaf switch 3.4	The switch should support 300K IPv4 LPM routes.	Kindly modify to "The switch should support 200K IPv4 LPM routes."	Please be guided by the RFP
155	FDC-Switching-RFP-Specifications	48 port 1/10/25G Leaf switch 3.5	The switch should support Intelligent buffer managment with a min buffer of 40 MB.	Kindly modify the cluase to "The switch should support Intelligent buffer managment with a min buffer of 32 MB."	Please refer tp the revised technical specifications .
156	FDC-Switching-RFP-Specifications	48 port 1/10/25G Leaf switch 4.2	Switch should support VXLAN (RFC7348) and EVPn Symmetric IRB (RFC7432) for supporting Spine- Leaf Architecture to optimize the east west traffic flow inside the DC.	Kindly modify to "Switch should support VXLAN (RFC7348) and EVPN (RFC7432) for supporting Spine- Leaf Architecture to optimize the east west traffic flow inside the DC."	Please refer to the revised technical specifications .
157	FDC-Switching-RFP-Specifications	48 port 1/10/25G Leaf switch 5.8	Switch should support FCOE.	Since this is not a legacy switch, there fore FCOE would be given in separate switch. Kindldy remove FCOE from this clause.	Clause Deleted

158	FDC-Switching-RFP-Specifications	48 Port Leaf: 2.1.1	Minimum 48 port of 1/10/25G SFP Ports for server connectivity and 6 x100G ports for Fabric/Spine Connectivity	Request to include IEEE standard 25 G support, as its very critical for LIC to have stable and reliable 25 G support for server connectivity 6x40/100G is a blocking architecture. Request Modification of this Clause	Please be guided by the RFP
159	FDC-Switching-RFP-Specifications	48 Port Leaf: 3.10	The Switch should have 24GB DRAM and 128 GB Flash/SSD	OEM System architectures are different, and every OEM SU don't need same RAM and Flash. The 24 GB DRAM is OEM specific. Request Modification in the Clause	Please refer to the revised technical specifications .
160	FDC-Switching-RFP-Specifications	48 Port Leaf: 3.3	Switch should support minimum 1000 VRFs with route leaking functionality	DC Leaf switches do not require 1000 VRFs. VRFs are more Service provider feature. DCs perform tenancy on VLAN and VxLANs Request Modification of this Clause	Please refer to the revised technical specifications .
161	FDC-Switching-RFP-Specifications	48 Port Leaf: 3.4	The Switch should support intelligent buffer management with a minimum buffer of 40 MB	OEM System architectures are different, and every OEM switch don't require same buffer size. Also 32 of fully shared buffer architecture performs better than 40 Mb of buffer distributed on internal 2 bus architecture. 40 MB buffer is OEM specific Request Modification of this Clause	Please refer to the revised technical specifications .
162	FDC-Switching-RFP-Specifications	48 Port Leaf: 3.9	The Switch should support minimum 3 Tbps of Switching capacity (should be Line Rate and Non-Blocking)	It is recommended that LIC have Switch with minimum 8 * 100 G Uplink ports. 6 * 100 G uplink is only 50 % capacity of toal input capacity of 48 * 25 = 1200 GB. This will be a limiting factor for LIC once they have more no. of 25 G servers. LIC would want to avoid that, specically when it does not affect the costing.	Please be guided by the RFP
163	FDC-Switching-RFP-Specifications	48 Port Leaf: 5.8	Switch should support FCOE	FCoE is generally not required for the DC Leaf switches Request Removal of this Clause	Please be guided by the RFP
164	FDC-Switching-RFP-Specifications	48 Port Leaf: 6.3	Switch should provide Segment Routing and L3 VPN over Segment Routing	Segment Routing is Service provider feature. Not required in DC Leaf switch Request Removal of the Clause	Clause Deleted .
165	FDC-Switching-RFP-Specifications	48 Port Leaf: 8.4	Switch should support MAC Sec (802.1AE) in Hardware	MACSec is a feature normally suggested. between 2 DCs. Hence Request Removal of the Clause	Clause Deleted
166	FDC-Switching-RFP-Specifications	48 Port Leaf: 8.8	Switch should support Dynamic ARP Inspection to ensure host integrity by preventing malicious users from exploiting the insecure nature of the ARP Protocol	Request modifaciton as the method asked is very specific to a particular OEM	Please refer to the revised technical specifications .

167	FDC-Switching-RFP-Specifications	48 Port Leaf: 9.6	Switch must have SPAN with minimum 4 Active Sessions and ERSPAN on Physical Port Channels, VLAN Interaces	GRESpan is also equally accepted instead of ERSPAN. Request Modification of the Clause	Please refer to the revised technical specifications .
168	FDC-Switching-RFP-Specifications	Modular Spine: 2.2	Min of 74 non-blocking interfaces populated with BiDi multimode 40/100G Transceivers and should be scalable to 144 40/100G interfaces with addition of modules/ line cards	The no of Spine Count is 4 and Leaf counts are 76. We assume, 2 PODS with 38 leafs each on average. Hence 64 interfaces populated are more than sufficient. Hence 38 per Spine Switch is required. Accordingly the Scalable to 128x 40/100 G interfaces is 4x increase. This we presume is a very good scalability factor Hence request modification of the clause	Please refer to the revised technical specifications .
169	FDC-Switching-RFP-Specifications	Modular Spine: 3.4	The Line Card proposed should have 150Mb Packet Buffer per LC	OEM System architectures are different, and every OEM Line cards don't need same buffer size. 150 Mb is specific to a particular OEM. Request modification in this Clause	Please refer to the revised technical specifications .
170	FDC-Switching-RFP-Specifications	Modular Spine: 3.6	Switch should support a minimum of 28 Tbps BW	With Max scale of 128 * 40/100G. The line rate will be 25.6 TB Request Modification of the Clause	Please be guided by the RFP
171	FDC-Switching-RFP-Specifications	Modular Spine: 3.7	The Switch should have 24GB DRAM and 128 GB Flash/SSD	OEM System architectures are different, and every OEM SU don't need same RAM and Flash. The 24 GB DRAM is OEM specific. Request Modification in the Clause	Please refer to the revised technical specifications .
172	FDC-Switching-RFP-Specifications	Modular Spine: 5.3	Switch should support minimum 500k of MAC Addresses	Spine switches will be aggregating point of Leaf Switches. Technically they would not need 500K MAC Addresses. Relaxing the MAC Address will increase participation in the RFP Request Modification in the Clause	Please refer to the revised technical specifications .
173	FDC-Switching-RFP-Specifications	Modular Spine: 8.4	Switch should support MAC Sec (802.1AE) in Hardware	MACSec is a feature normally suggested. between 2 DCs. Hence Request Removal of the Clause	Clause Deleted

174	FDC-Switching-RFP-Specifications	SDN Fabric : 4.2	Fabric / SDN Controller must support segmentation of VM based attributes like hostname, OS, VM Tags, FQDN, Microsoft AD based classification (by integrating with MS AD controller, MS AD Domain and Groups)	This specification is particular to an OEM. Request Removal of this Clause for more participation by Leading Network Players. Alternatively Request to modify this clause as: Fabric / SDN controller should be able integrate and provide end to end segmentation for both Physical and Virtual workloads	Please be guided by the RFP
175	FDC-Switching-RFP-Specifications	SDN Fabric : 4.3	Fabric must support micro segmentation for the virtualise and non-virtualise environment (baremetal, container)	This specification is particular to an OEM. Request Removal of this Clause for more participation by Leading Network Players. Alternatively Request to modify this clause as: Fabric / SDN controller should be able integrate and provide end to end segmentation for both Physical and Virtual workloads	Please be guided by the RFP
176	FDC-Switching-RFP-Specifications	SDN Fabric : 4.6	Multi-DC Fabric Solution should provide encryption between sites using 256 bit AES	DCI switches can be dployed when the DCI solution is deployed. Currently this is only DC Fabric. Request Modification in the clause to have more participation and a lesser TCO Solution to LIC	Clause Deleted
177	FDC-Switching-RFP-Specifications	SDN Fabric : 5.3	Centralised Managment Appliance or SDN Controller must be able to dynamically insert L4-L7 Services (Physical and Virtual Appliance) for East West Traffic	Dynamically Insert is specific to a particular OEM. Request modification of the clause	Clause Deleted
178	FDC-Switching-RFP-Specifications	SDN Fabric : 5.4	Centralised management Appliance or SDN Controller should not participate in data plane and control plane path of the fabric	Many times it will be required to perform control plane functionality from SDN controller. This, however, is totally non-disruptive for Data Plane. Hence Request modification of the clause	Please refer to the revised technical specifications .
179	FDC-Switching-RFP-Specifications	4.2 SDN Fabric Security Features	Fabric / SDN Controller must support segmentation of VM based attributes like hostname, OS, VM Tags, FQDN, Microsoft AD based classification (by integrating with MS AD controller, MS AD Domain and Groups)	Please elaborate on this point " <i>Segmentation of VM based on FQDN & Microsoft AD based classification (by integrating with MS AD controller, MS AD Domain and Groups)</i> "	Please be guided by the RFP
180	24 Port Access Switches	1.1	1.1 The switch should support a minimum of 24 nos. of 10/100/1000 Ethernet Ports in addition with 4 SFP uplinks from day one.	In view of future expansion, we would like to bring to your notice that the clause chokes on bandwidth. The client capacity is 48GB against the uplink capability of only 8GB. We request you to kindly consider 4x1/10G uplinks on the switch to ensure switch is scalable and resilient to future requirements. Kindly confirm.	Please be guided by the RFP

181	24 Port Access Switches	1.3	1.3. OEM should be the leader or challengers quadrant in latest gartner's magic quadrant for the wired and wireless LAN access infrastructure	We would like to bring to your notice that presence in Gartner's Clause is a restrictive condition. The same has also been notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .
182	24 Port Access Switches	2.1	2.1 The switch should support switching bandwidth of 56 Gbps.	In view of future expansion, we would like to bring to your notice that the clause chokes on bandwidth. The client capacity is 48GB against the uplink capability of only 8GB. In consideration of 4x1/10G uplink ports, we request to consider minimum 128Gbps switching capacity. Kindly confirm.	Please be guided by the RFP
183	24 Port Access Switches	2.10	The switch should support 8000 Unicast MAC addresses	Please modify this clause to " The switch should support 8000 Unicast MAC addresses" For access switch minimum 16K MAC entries should be required	Please be guided by the RFP
184	24 Port Access Switches	2.6	The switch should support 64 VLANs	Please modify this clause to "The switch should support 1000 VLANs" In LIC, with higher active VLAN support, you will be able to cater for future requirements as well.	Please be guided by the RFP
185	24 Port Access Switches	4.12	The switch should support IGMP v1, v2 Snooping	Please modify this clause to "The switch should support IGMP v1, v2 Snooping and V3" in the 8 port switch. IGMP v1,v2 and V3 has been asked. So request you to add IGMP v3 in 24 port switch as well so as to have latest IEEE standards as part of your switches	Please be guided by the RFP
186	24 Port Access Switches	4.3	The switch should support Spanning-tree PortFast and PortFast guard for fast convergence	Please remove this point. These are all OEM specific feature there is no IEEE standard for that	Please refer to the revised technical specifications .
187	24 Port Access Switches	4.4	The switch should support UplinkFast & BackboneFast technologies to help ensure quick failover recovery, enhancing overall network stability and reliability	Please remove this point. These are all OEM specific feature there is no IEEE standard for that	Please refer to the revised technical specifications .
188	24 Port Access Switches	7.3	The switch should support IPv6 ready logo certification from day one .	Please change to " The switch should support IPv6 from day one" IPv6 Certification is not asked in Data center switches. Why the certification is required in Campus switches only.	Please refer to the revised technical specifications .
189	24 Port Access Switches	8.1	The switch should support configuration of the Software image and switch configuration without user intervention	Please remove this point, This is OEM specific feature	Please be guided by the RFP

190	24 Port Access Switches	8.2	The switch should support automatic configuration as devices connect to the switch port	Please remove this point, This is OEM specific feature. This feature will required additional Software defined component.	Please be guided by the RFP
191	24 Port Access Switches	9.2	Switch should be able to operate in challenging environment and withstand High temperature upto 45 degrees C or more.	Please modify to " The proposed switch should have Operating temperature: 32° to 113° F (0° to 45° C)".	Please be guided by the RFP
192	24 Port Access Switches	9.2	9.2 Switch should be able to operate in challenging environment and withstand high temperature up to 45 degree of more.	We would like to bring to your notice that given current global warming situation, the operating temperture requirement of Indian continent is more than 45 degree. We request you to modify the clause as, Switch should be able to operate in challenging environment and withstand high temperature up to 55 degree of more." Kindly confirm.	Please be guided by the RFP
193	24 Port Access Switches	10.1	Any proposed switch / solution should integrate seamlessly from day one with our existing infrastructure.	We can integrate with existing solutions however, Open standards protocols need to be followed. Please give commitment for the same.	Please be guided by the RFP
194	24 Port Access Switches	24 Port Access Switches	Compatibility with existing setup - All proposed switch/ solution should integrate seamlessly from day one with our existing infrastructure.	We under the seamless integration will happen on IEEE/ ITU-T/ IETF standards and not on any properitary protocols that incumbent OEM might be running in the network. Kindly confirm.	Please be guided by the RFP
195	24 Port Access Switches	Additional Clause		Request you to please add below clause in the compliance Minimum 1000 Access control entries on IPv4 and 1000 Access control entries on IPv6" Access control entries are required when LIC will implement NAC. So higher ACEs are required to allow or block the access for end use on switch port. On 8 port switch, access control entries has been asked but not there in 24 port switch.	Please be guided by the RFP
196	24 Port Access Switches	Additional Clause	Minimum 1000 Access control entries on IPv4 and 1000 Access control entries on IPv6"		Please be guided by theRFP
197	24 Port Access Switches	Additional Clause	Switch should support stacking of minimum 4 Switch.		Please be guided by the RFP
198	24 port leaf	Hardware and Interface requirement	Minimum 24 port support with 1/10/25 Gbps SFP ports for server conenctivity with 6*100 G for fabric /Spine connectivity	Bidder requests LIC to consider minimum 48 ports of 1/10/25 Gbps for server conenctivity with 12*100 Gbps for Fabric/Spine connectivity with all IEEE standards supported for reliable connectivity	Please be guided by the RFP
199	24 port leaf	Manageability	Switch must have SPAN with minimum 4 Active sessions and ERSPAN on physical port channel VLAN interfaces	Bidder requests LIC to modify this clause to Switch must have SPAN with minimum 4 Active sessions on physical port channel VLAN interfaces	Please refer to the revised technical specifications .
200	24 port leaf	Performance Requirement	The switch should support buffer management with a minimum buffer of 40 MB	Bidder requests LIC to modify this clause to The switch should support buffer management with a minimum buffer of 24 MB	Please refer to the revised technical specifications .

201	24 port leaf	Performance Requirement	Switch should support minimum of 1000 VRFs with route leaking functionality	VRFs are not required in a leaf switch and hence bidder requests LIC to modify this clause to Switch should support minimum 96 VRFs with route leaking functionality	Please refer to the revised technical specifications .
202	24 port leaf	Performance Requirement	The switch should have 24 GB DRAM and 128 GB Flash SSD	Every switch architecture differs and for proper functioning optimum functioning minimum RAM and flash is required hence bidder requests LIC to modify this clause to The switch should have 16 GB DRAM and 4 GB Flash	Please refer to the revised technical specifications .
203	24 port leaf	Security	Switch should support dynamic ARP inspection to ensure host integrity by preventing malicious users from exploiting the insecure nature of ARP protocol	Bidder requests LIC to modify this clause to Switch should support dynamic ARP inspection or static ARP inspection to ensure host integrity by preventing malicious users from exploiting the insecure nature of ARP protocol	Please refer to the revised technical specifications .
204	24 port leaf	Security	Switch platform should support MACSEC 802.1AE in hardware	Bidder requests LIC to remove this clause as MACSEC is not required in leaf switches	Clause Deleted
205	24 port Leaf-10&25G Fiber	1.3	The proposed switches should be part of Gartner Leader Quadrant for DC Networking for last 2 years	Please modify this clause to "The proposed switches should be part of Gartner Leader Quadrant for DC Networking for last 2 years/Wired and Wireless LAN access for last 2 years or IDC Worldwide Top 5 companies as per their revenue market share Report in switch"	Please be guided by the RFP
206	24 port Leaf-10&25G Fiber	3.11	The Switch should have a minimum of 24 GB DRAM and 128 GB FLASH/SSD	Please modify this Clause to " The Switch should have a minimum of 8 GB DRAM and 1 GB FLASH/SSD" Since switches are ASIC based, RAM and Flash and non-consequential for performance. Gbps performance is more relevant than System Memory. Our switch network operating system don't have layered software designed ,so we have made a light kernel with all features built in it. The other OEMs have created layered software and to run the added features, they required higher RAM and Flash to deliver the required performance.	Please refer to the revised technical specifications .

207	24 port Leaf-10&25G Fiber	3.5	The Switch should support intelligent buffer management with a minimum buffer of 40MB.	Please modify this Clause to "The Switch should support intelligent buffer management with a minimum buffer of 32MB." For Network buffering, there's no right answer to how much of it we need. Huge buffers mean that the network never drops any traffic, but also mean increased latency. Buffer will store the traffic before it's forwarded. Some Organization prefer to have smaller buffers and let the application or protocol deal with some dropped traffic. The right way is to understand the application traffic patterns and pick a switch that fits those needs.	Please refer to the revised technical specifications .
208	24 port Leaf-10&25G Fiber	3.7	The switch should support 8K multicast routes	Please modify this Clause to "T The switch should support 4K multicast routes" 4000 multicast source will not be there in LIC network setup. A multicast routing protocol is a mechanism for constructing a loop-free shortest path from a source host that sends data to the multiple destinations that receives the data. IPV4 uses Class D address (224.0.0.0 to 239.255.255.255) and allowing a host to send a single data stream to a subset of all hosts (group transmission) concurrently. So number of Multicast route is depend on number of multicast source in the network.	Please be guided by the RFP .
209	24 port Leaf-10&25G Fiber	5.11	The switch should support BGP EVPN (RFC 7432) Route Type 2, Type 4 and Route Type 5 for the overlay control plane	Please modify this Clause to " The switch should support BGP EVPN (RFC 7432) Route Type 2, Type 4 for the overlay control plane" Type 5 routes are used to advertise IP prefixes for inter-subnet connectivity across data centers." Type 5 route is required for multiple DC setup.	Please refer to the revised technical specifications .

210	24 port Leaf-10&25G Fiber	8.4	Switch platform should support MAC Sec (802.1AE) encryption in hardware	Please remove MAC Sec (802.1AE) in hardware MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in secure campus network. IEEE 802.1AE MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in DC network. MACsec only operates on layer 2, so it can only protect a single LAN, and offers no protection when traffic is routed. This single LAN can be a physical LAN, or a virtual LAN, such as those provided by overlay network technologies like VXLAN, GENEVE, etc. MACsec also cannot protect against malicious layer 3 traffic coming from a different network interface, on a machine connected to multiple LANs. For example, attacks that rely on forcing traffic to leave from other interfaces, using ARP spoofing or IP redirects, cannot be prevented using MACsec alone. As	Clause Deleted
211	24 port Leaf-10&25G Fiber	9.11	The Switch Should support monitor events and take corrective action like a script when the monitored events occurs.	Please remove this point.This is OEM specific feature	Please be guided by the RFP
212	24 port Leaf-10&25G Fiber	9.12	Should support hardware telemetry from ASIC- • Flow path trace (ingress to egress switch) • Per Flow Hop by Hop packet drop with reason of drop • Per Flow latency (per switch and end to end)	Please modify this Clause to "Should support hardware telemetry from ASIC" Telemetry feature provided by chipset vendor. Our switch will have Broadcom chipset, so our switch support the telemetry which will be provided by Broadcom.	Please be guided by the RFP
213	48 Port Access Switches	1.1	1.1 The switch should support a minimum of 48 nos. of 10/100/1000 Ethernet Ports in addition with 4 SFP uplinks from day one.	In view of future expansion, we would like to bring to your notice that the clause chokes on bandwidth. The client capacity is 96GB against the uplink capability of only 8GB. We request you to kindly consider 4x1/10G uplinks on the switch to ensure switch is scalable and resilient to future requirements. Kindly confirm.	Please be guided by the RFP
214	48 Port Access Switches	1.3	1.3. OEM should be the leader or challengers quadrant in latest gartner's magic quadrant for the wired and wireless LAN access infrastructure	We would like to bring to your notice that presence in Gartner's Clause is a restrictive condition. The same has also been notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .
215	48 Port Access Switches	2.1	2.1 The switch should support switching bandwidth of 104 Gbps.	In view of future expansion, we would like to bring to your notice that the clause chokes on bandwidth. The client capacity is 96GB against the uplink capability of only 8GB. In consideration of 4x1/10G uplink ports, we request to consider minimum 176Gbps switching capacity. Kindly confirm.	Please be guided by the RFP

216	48 Port Access Switches	4.12	The switch should support static routing , RIP and IGMP v1, v2 Snooping	Please modify this clause to "The switch should support IGMP v1, v2 Snooping and V3" in the 8 port switch. IGMP v1,v2 and V3 has been asked. So request you to add IGMP v3 in 24 port switch as well.	Please be guided by the RFP
217	48 Port Access Switches	9.2	Switch should be able to operate in challenging environment and withstand High temperature upto 45 degrees C or more.	Please modify to " The proposed switch should have Operating temperature: 32° to 113° F (0° to 45° C)".	Please be guided by the RFP
218	48 Port Access Switches	9.2	9.2 Switch should be able to operate in challenging environment and withstand high temperature up to 45 degree of more.	We would like to bring to your notice that given current global warming situation, the operating temperture requirement of Indian continent is more than 45 degree. We request you to modify the clause as, Switch should be able to operate in challenging environment and withstand high temperature up to 55 degree of more." Kindly confirm.	Please be guided by the RFP
219	48 Port Access Switches	10.1	Any proposed switch / solution should integrate seamlessly from day one with our existing infrastructure.	We can integrate with existing solutions however, Open standards protocols need to be followed. Please give commitment for the same.	The bidder may configure the necessary opne standard protocols on the existing devices, if required for seamleass integration .
220	48 Port Access Switches	10.1	10.1 Present network architecture comprises of only cisco devices. Any proposed switch/ solution should integrate seamlessly from day one with our existing cisco infrastructure.	We under the seamless integration will happen on IEEE/ ITU-T/ IETF standards and not on any properitary protocols that incumbent OEM might be running in the network. Kindly confirm.	The bidder may configure the necessary opne standard protocols on the existing devices, if required for seamleass integration .
221	48 Port Access Switches	Additional Clause	Switch should support stcking of minimum 4 Switch.		Please be guided by the RFP

222	48 port leaf	3.1	The Switch should have a minimum of 24 GB DRAM and 128 GB FLASH/SSD	Please modify this Clause to " The Switch should have a minimum of 8 GB DRAM and 1 GB FLASH/SSD" Since switches are ASIC based, RAM and Flash and non-consequential for performance. Gbps performance is more relevant than System Memory. Our switch network operating system don't have layered software designed ,so we have made a light kernel with all features built in it. The other OEMs have created layered software and to run the added features, they required higher RAM and Flash to deliver the required performance.	Please refer to the revised technical specifications .
223	48 port leaf	3.4	The Switch should support intelligent buffer management with a minimum buffer of 40MB.	Please modify this Clause to "The Switch should support intelligent buffer management with a minimum buffer of 32MB." For Network buffering, there's no right answer to how much of it we need. Huge buffers mean that the network never drops any traffic, but also mean increased latency. Buffer will store the traffic before it's forwarded. Some Organization prefer to have smaller buffers and let the application or protocol deal with some dropped traffic. The right way is to understand the application traffic patterns and pick a switch that fits those needs.	Please refer to the revised technical specifications .
224	48 port leaf	3.6	The switch should support 8K multicast routes	Please modify this Clause to "T The switch should support 4K multicast routes" 4000 multicast source will not be there in LIC network setup. A multicast routing protocol is a mechanism for constructing a loop-free shortest path from a source host that sends data to the multiple destinations that receives the data. IPV4 uses Class D address (224.0.0.0 to 239.255.255.255) and allowing a host to send a single data stream to a subset of all hosts (group transmission) concurrently. So number of Multicast route is depend on number of multicast source in the network.	Please be guided by the RFP

225	48 port leaf	5.12	The switch should support BGP EVPN (RFC 7432) Route Type 2, Type 4 and Route Type 5 for the overlay control plane	Please modify this Clause to " The switch should support BGP EVPN (RFC 7432) Route Type 2, Type 4 for the overlay control plane" Type 5 routes are used to advertise IP prefixes for inter-subnet connectivity across data centers." Type 5 route is required for multiple DC setup.	Please refer to the revised technical specifications .
226	48 port leaf	8.4	Switch platform should support MAC Sec (802.1AE) encryption in hardware	Please remove MAC Sec (802.1AE) in hardware MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in secure campus network. IEEE 802.1AE MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in DC network. MACsec only operates on layer 2, so it can only protect a single LAN, and offers no protection when traffic is routed. This single LAN can be a physical LAN, or a virtual LAN, such as those provided by overlay network technologies like VXLAN, GENEVE, etc. MACsec also cannot protect against malicious layer 3 traffic coming from a different network interface, on a machine connected to multiple LANs. For example, attacks that rely on forcing traffic to leave from other interfaces, using ARP spoofing or IP redirects, cannot be prevented using MACsec alone. As	Clause Deleted
227	48 port leaf	9.11	The Switch Should support monitor events and take corrective action like a script when the monitored events occurs.	Please remove this point.This is OEM specific feature	Please be guided by the RFP
228	48 port leaf	9.12	Should support hardware telemetry from ASIC- • Flow path trace (ingress to egress switch) • Per Flow Hop by Hop packet drop with reason of drop • Per Flow latency (per switch and end to end)	Please modify this Clause to "Should support hardware telemetry from ASIC" Telemetry feature provided by chipset vendor. Our switch will have Broadcom chipset, so our switch support the telemetry which will provided by Broadcom.	Please be guided by the RFP
229	48 port leaf	Layer 2 Features	Switch should support FCoE	Bidder requests LIC to remove this clause	Please be guided by the RFP
230	48 port leaf	Layer 3 Features	Switch should support segment routing and layer 3 VPN over segment routing	Segment routing is a service provider feature and not required in an enterprise class datacenter, bidder requests LIC to remove this clause	Clause Deleted
231	48 port leaf	Performance Requirement	The switch should support minimum 3 Tbps of switching capacity to ensure non blocking architecture	Bidder requests LIC to consider 12*100 Gbps port per leaf switch to have a completely non blocking architecture (currently mentioned 6*100 Gbps will not be sufficient for the same)	Please be guided by the RFP

232	8 Port Acces Switches	12	12. Should be energy efficient ethernet valid certification	We would like to bring to your notice that the certification is of foreign origin and is a restrictive and discriminatory criteria to domestic OEMs. Our switch supports and meets the EEE requirements in compliance to IEEE 802.3az. Kindly confirm a self-certification declaration IEEE 802.3az compliance is admissible.	Please be guided by the RFP
233	8 Port Acces Switches	18	18. Static Routing and RIP	We would like to bring to your notice that RIP is an obsolete protocol. We request to amend the clause as "Static Routing". Kindly confirm.	Please be guided by the RFP
234	8 Port Acces Switches	19	For managing a group of switches as a single entity minimum 4 switches in single stack	Please modify this clause to " For managing a group of switches as a single entity minimum 4 switches in single stack and support physical stacking" The current clause is only applicable for single IP management of the switch but the configure will be done on each switch independently. whereas in physical stacking, only master switch needs to be configured and all other switches will sync the configuration from Master switch. This will help LIC for ease of configuration of multiple switch in stack.	Please be guided by the RFP
235	8 Port Acces Switches	25	Minimum 380 on IPv4 and 200 on IPv6	Please modify this clause to "Minimum 1000 Access control entries on IPv4 and 1000 Access control entries on IPv6" Access control entries are required when LIC will implement NAC. So higher ACEs are required to allow or block the access for end user.	Please be guided by the RFP
236	8 Port Acces Switches	49	The switch should support IPv6 ready logo certification from day one .	Please change to " The switch should support IPv6 from day one" IPv6 Certification is not ask in Data center switches as well and thus request you to maintain consistency for campus as well, as switch is capable.	Please refer to the revised technical specifications .
237	8 Port Acces Switches	52	52. OEM should be the leader or challengers quadrant in latest gartner's magic quadrant for the wired and wireless LAN access infrastructure	We would like to bring to your notice that presence in Gartner's Clause is a restrictive condition. The same has also been notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .

238	8 Port Acces Switches	Additional Clause		Request you to please add below clause in the compliance "The switch should support 4096 VLAN IDs and 1000 active VLANs" VLAN ID and Active VLAN are required in the access switch	Please be guided by the RFP
239	8 Port Acces Switches	Additional Clause	The switch should support 4096 VLAN IDs and 1000 active VLANs		Please be guided by the RFP
240	Commercial Bid	item no C	Data Center Border leaf switches	Request to mention if it is 48 port or 24 port.	Please refer to the revised commercialheet
241	Commercial Bid		SDM Line item is not specified in the Commercials Bid	WE request you to please specify the SDM Line item in the commercials Bid	Please be guided by the RFP
242	Core Switch	3.11	The Switch should support routing protocols such Static,OSPF, BGPv4, IS-ISv4 from day one	Please modify this clause to "The Switch should support routing protocols such Static,OSPF/IS-ISv4, BGPv4 from day one" IS-IS and OSPF works on same algorithm. IS-IS protocol is used in service provider enviorement.IS-IS is a link-state routing protocol, operating by reliably flooding link state information throughout a network of routers. Like IS-IS protocol ,OSPF protocol uses Dijkstra's algorithm for computing the best path through the network. Packets (datagrams) are then forwarded, based on the computed ideal path, through the network to the destination. So for current requirement we can use OSPF instead of IS-IS protocol.	Please refer to the revised technical specifications .
243	Core Switch	3.14	The Switch should support IP Multicast and PIM, PIM Sparse Mode, PIM Dense Mode & Source-Specific Multicast for Wired and Wireless Clients.	Please modify this clause to " The Switch should support IP Multicast and PIM, PIM Sparse Mode, PIM Dense Mode or Source-Specific Multicast for Wired and Wireless Clients. " PIM SM /DM is the common multicast protocol used by all the organisation.PIM SSM (Source Specific Multicast) protocol based on Source based tree(SBT). It has poor scalability and it is difficult to apply large network.	Please reer to the revised technical specifications

244	Core Switch	3.21	The Switch should support uRPF for IPv4 and IPv6.	Please modify this clause to "The Switch should support uRPF or Reverse Path Forward (RPF) override for IPv4 and IPv6" The Reverse Path Forward (RPF) override, allows overriding the normal RPF lookup mechanism, and indicates to the router that it may accept multicast traffic on an interface other than the one that the RPF lookup mechanism would normally select.	Clause Deleted
245	Core Switch	3.7	Should support 802.1x authentication and accounting, IPv4 and IPv6 ACLs and Dynamic VLAN assignment.	Please modify this clause to " Switch should support IPv4 and IPv6 ACLs and VLAN " IEEE 802.1x authentication, and Dynamic VLAN assignment is not required at the campus core switch, it is required at access switch for end user.	Please refer to the revised technical specifications .
246	Core Switch	5.2	Switch / Switch's Operating System should be tested for EAL 2/NDPP or above under Common Criteria Certification.	Please modify this clause to "Switch / Switch's Operating System should be tested for EAL 2/NDPP or above under Common Criteria Certification or FCC certified."	Please refer to the revised technical specifications .
247	Core Switch	5.3	5.3 The proposed OEM should be in the Gartner Leader quadrant for wired and wireless Infrastructure for the last 3 years.	We would like to bring to your notice that presence in Gartner's Clause is a restrictive condition. The same has also been notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .
248	Core Switch	8.1	The switch should support IEEE 802.1x providing user authentication, authorization and CoA.	Please make this clause optional or remove this point IEEE 802.1x user authentication, authorization and CoA feature is not required at the campus core switch, it is required at access switch for end user policy enforcement.	Point deleted
249	Core Switch	8.2	The switch should support latest protocols SSHv2 and SNMPv3 to provide network security by encrypting administrator traffic during Telnet and SNMP sessions.	Please modify this clause to "The switch should support latest protocols SSHv2 and SNMPv3 to provide network security by encrypting administrator traffic during Telnet/ssh and SNMP sessions. ." SSH is more secure protocol for remote cmanagement.	Please be guided by the RFP
250	Core Switch	8.5	The switch should support Port security to secure the access to an access or trunk port based on MAC address.	Please remove this clause or make it optional. This feature is required at access switch not at core switch.	Clause Deleted

251	Core Switch	9.9	The Switch should support various types of access lists like basic, advanced, MAC-based and Time-based Access Lists.	Please modify this clause to "The Switch should support various types of access lists like basic, advanced, MAC-based or Time-based Access Lists." Time base ACL will be required at access switch layer where there are user connections.	Please be guided by the RFP
252	Core Switch	3.10'	The Switch should support min. 200000 IPv4 routes	Please modify this clause to "The Switch should support min. 130000 IPv4 routes" Such a higher routing table is not required in switch. In the switch Higher MAC address is required. A primary function of a L3 device is to forward packets toward their destination. This is accomplished by using a switching function to accept a packet on one interface and forward it out another interface. A key responsibility of the switching function is to encapsulate packets in the appropriate data link frame type for the outgoing data link. In the LIC network, if we enable routing with in the network, there will not be more routing entries required.	Please refer to the revised technical specifications .
253	Core Switch	9.10'	The Switch should support IPv6 ACLs and DSCP-matching of IPv6 packets for IPv6 wireless clients.	Please remove this point. The RFP is for wired network and thus request you to remove this clause	Please be guided by the RFP
254	Core Switch	Core switch 2.4	The switch should support 4K ACLs, 4K IPv4 and 2K IPv6 multicast routes	Please change to 2000 ACLs, since for enterprise 2000 ACLs are sufficient. Typically ACLs/ Firewall filters are supposed to be done at Firewall device.	Please refer to the revised technical specifications .
255	Core Switch	Core switch 3.12	The switch should integrate with existing solution / appliances but not limited to EIGRP.	We can integrate with existing solutions however, Open standards protocols need to be followed. EIGRP is not a widely used open standard protocol. Plus it's a legacy protocol which even modern vendors and technologies don't support.	The bidder is free to change the eigrp to any other standard protocol
256	Core Switch	Core switch 5.3	The proposed OEM should be in the Gartners Leadres Quadrant for Wired and Wireless Infrastructure for the last 3 years.	Please modify to "The proposed OEM should be in the Latest Gartners Leaders Quadrant for Wired and Wireless Infrastructure."	Please be guided by the RFP
257	FDC Switching RFP Specifications	Modular Spine 2-2	Min of 74 non-blocking interfaces populated with BiDi multimode 40/100G Trancievers	There are 78 leaf switches, hence SPINE switch should be populated with 78 number of 40/100G Trancievers. Please recheck.	Please refer to the revised technical specifications .

258	FDC-Switching-RFP-Specifications	4.5 SDN Fabric Security Features	Fabric must act as State-less Distributed Firewall with the logging capability	State-less distributed firewall is as good as basic Access Control Lists (ACLs), to achieve true security for East-West traffic communication, it is strongly recommended to add the following “Fabric must act as Stateful Distributed Firewall”	Please be guided by the RFP
259	FDC-Switching-RFP-Specifications	Technical Specifications - 24 port Leaf-10&25G Fiber	1.3 The proposed switches should be a part of Gartner Leader Quadrant for DC Networking for last 2 years.	We would like to bring to your notice that presence in Gartner's Clause is a restrictive condition. The same has also been notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .
260	FDC-Switching-RFP-Specifications	Technical Specifications - 24 port Leaf-10&25G Fiber	11.3 All the components should be from same OEM.	We would like to bring to your notice that the clause is restrictive as notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .
261	FDC-Switching-RFP-Specifications	Technical Specifications - 48 port leaf	1.3 The proposed switches should be a part of Gartner Leader Quadrant for DC Networking for last 2 years.	We would like to bring to your notice that presence in Gartner's Clause is a restrictive condition. The same has also been notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .
262	FDC-Switching-RFP-Specifications	Technical Specifications - 48 port leaf	11.3 All the components should be from same OEM.	We would like to bring to your notice that the clause is restrictive as notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .

263	FDC-Switching-RFP-Specifications	Technical Specifications - Moduler-Spine	1.7 The proposed switches should be a part of Gartner Leader Quadrant for DC Networking for last 2 years.	We would like to bring to your notice that presence in Gartner's Clause is a restrictive condition. The same has also been notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .
264	FDC-Switching-RFP-Specifications	Technical Specifications - Moduler-Spine	1.9 Switch and Optics from the same OEM	We would like to bring to your notice that presence in Gartner's Clause is a restrictive condition. The same has also been notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please be guided by the RFP
265	FDC-Switching-RFP-Specifications	Technical Specifications - Moduler-Spine	9.7 All the components should be from same OEM.	We would like to bring to your notice that the clause is restrictive as notified by DPIIT by OM dated June 20, 2019 clause no. 4 & 5, "It has been noted that many central government agencies are including restrictive and discriminatory conditions against the local supplier in the bid document. It is thereby requested to ensure that their tenders don't include restrictive and discriminatory local suppliers". The same is enclosed for your reference. We request to remove the clause.	Please refer to the revised technical specifications .
266	General	TACACS Clatification	High Availability Requirement	Please help us with the device count / Type of Device / Location / Number / Details	It will be provided to the winning bidder
267	General	TACACS Clatification	Location of Deployment	Please help us with the device count / Type of Device / Location / Number / Details	It will be provided to the winning bidder
268	General	TACACS Clatification	Number of devices in each Location	Please help us with the device count / Type of Device / Location / Number / Details	It will be provided to the winning bidder
269	General	TACACS Clatification	Number of Locations	Please help us with the device count / Type of Device / Location / Number / Details	It will be provided to the winning bidder
270	General	TACACS Clatification	Total Number of Network Access Devices for Authentication	Please help us with the device count / Type of Device / Location / Number / Details	It will be provided to the winning bidder
271	General	TACACS Clatification	Type of Devices	Please help us with the device count / Type of Device / Location / Number / Details	It will be provided to the winning bidder

272	General			Each OEM has a different architecture for laying out the SDN Fabric. In a spine leaf architecture, the number of spine switches is determined by the number of leaf switches connecting to the spine. No other devices are connected on the spine. As per the leaf quantity of (76), only two core/ spine switches will be required. We request LIC to kindly reduce the quantity of core switches.	Please be guided by the RFP
273	Modular Spine	4.2	Switch should support VXLAN (RFC7348) and EVPN Symmetric IRB (RFC7432) for supporting Spine- Leaf Architecture to optimize the east west traffic flow inside the DC.	Kindly modify to "Switch should support VXLAN (RFC7348) and EVPN (RFC7432) for supporting Spine- Leaf Architecture to optimize the east west traffic flow inside the DC."	Please refer to the revised technical specifications .
274	Modular Spine	Hardware and Interface requirement	Min 74 non-blocking interfaces populated with BiDi multimode 40/100G transreceivers and should be scalable to 144 40/100G with additional module/line cards	As the number of spine switches as per the commercial template is 4 and the number of leaf switches are 76,bidder requests LIC to modify this clause to Min. 38 non-blocking interfaces populated with BiDi multimode 40/100G transreceivers and should be scalable to 76 40/100G with additional module/line cards	Please refer to the revised technical specifications .
275	Modular Spine	Layer 2 Features	Switch should support minimum of 500K MAC addresses	Spine switch does not learn MAC addresses and hence bidder requests LIC to to modify this clause to Switch should support minimum of 120K MAC addresses	Please be guided by the RFP
276	Modular Spine	Performance Requiriement	The line card should have 150 MB packet buffer per LC	In a datacenter environment the architecture should be non blocking and tehre should be no buffering, hence bidder requests to change this clause to The line card should have 32 MB packet buffer per LC	Please refer to the revised technical specifications .
277	Modular Spine	Performance Requiriement	The switch should support a minimum bandwidth of 28 Tbps	To avoid oversubscription of bandwidth Bidder requests LIC to modify this clause to The switch should support a minimum bandwidth of 18 Tbps	Please be guided by the RFP
278	Moduler-Spine	1.7	The proposed switches should be part of Gartner Leader Quadrant for DC Networking for last 2 years	Please modify this clause to "The proposed switches should be part of Gartner Leader Quadrant for DC Networking for last 2 years/Wired and Wireless LAN access for last 2 years or IDC Worldwide Top 5 companies as per their revenue market share Report in switch"	Please be guided by the RFP

279	Moduler-Spine	3.4	The line card proposed should have minimum 150MB Packet Buffer per LC	Please modify this Clause to "The line card proposed should have minimum 32MB Packet Buffer per LC/per ASIC" For Network buffering, there's no right answer to how much of it we need. Huge buffers mean that the network never drops any traffic, but also mean increased latency. Buffer will store the traffic before it's forwarded. Some Organization prefer to have smaller buffers and let the application or protocol deal with some dropped traffic. The right way is to understand the application traffic patterns and pick a switch that fits those needs.	Please refer to the revised technical specifications .
280	Moduler-Spine	3.5	The switch should support 100K multicast routes	Please modify this Clause to " The switch should support 16K multicast routes" 16000 multicast source will not be there in LIC network setup. A multicast routing protocol is a mechanism for constructing a loop-free shortest path from a source host that sends data to the multiple destinations that receives the data. IPV4 uses Class D address (224.0.0.0 to 239.255.255.255) and allowing a host to send a single data stream to a subset of all hosts (group transmission) concurrently. So number of Multicast route is depend on number of multicast source in the network.	Please be guided by the RFP
281	Moduler-Spine	3.7	The Switch should have a minimum of 24 GB DRAM and 128 GB FLASH/SSD	Please modify this Clause to " The Switch should have a minimum of 8GB DRAM and 16 GB FLASH/SSD" Since switches are ASIC based, RAM and Flash and non-consequential for performance. Gbps performance is more relevant than System Memory. Our switch network operating system don't have layered software designed ,so we have made a light kernel with all features built in it. The other OEMs have created layered software and to run the added features, they required higher RAM and Flash to deliver the required performance.	Please refer to the revised technical specifications .

282	Moduler-Spine	5.3	Switch should support minimum 500K of MAC addresses	Please modify this Clause to " Switch should support minimum 288K of MAC addresses" Spine switch will work as route reflector in spine-leaf network. All the servers will be connected to leaf switch so higher MAC address will be required at Leaf switches not on the spine switches.	Please refer to the revised technical specifications .
283	Moduler-Spine	5.7	The switch should support BGP EVPN (RFC 7432) Route Type 2, Type 4 and Route Type 5 for the overlay control plane	Please modify this Clause to " The switch should support BGP EVPN (RFC 7432) Route Type 2, Type 4 for the overlay control plane" Type 5 routes are used to advertise IP prefixes for inter-subnet connectivity across data centers." Type 5 route is required for multiple DC setup.	Please refer to the revised technical specifications .
284	Moduler-Spine	6.4	Switch should support Multicast routing RFC 6513, 6514	Please modify this cluse to "Switch should support Multicast routing RFC 6513, 6514 or multicast VPN"	Please be guided by the RFP
285	Moduler-Spine	8.4	Switch platform should support MAC Sec (802.1AE) in hardware	Please remove MAC Sec (802.1AE) in hardware MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in secure campus network. IEEE 802.1AE MACsec encryption is required when two sites are connected on service provider P2P link. This is not required in DC network. MACsec only operates on layer 2, so it can only protect a single LAN, and offers no protection when traffic is routed. This single LAN can be a physical LAN, or a virtual LAN, such as those provided by overlay network technologies like VXLAN, GENEVE, etc. MACsec also cannot protect against malicious layer 3 traffic coming from a different network interface, on a machine connected to multiple LANs. For example, attacks that rely on forcing traffic to leave from other interfaces, using ARP spoofing or IP redirects, cannot be prevented using MACsec alone. As	Clause Deleted
286	Moduler-Spine	9.3	Should support hardware telemetry from ASIC- • Flow path trace (ingress to egress switch) • Per Flow Hop by Hop packet drop with reason of drop • Per Flow latency (per switch and end to end)	Please modify this Clause to "Should support hardware telemetry from ASIC" Telemetry feature provided by chipset vendor. Our switch will have Broadcom chipset, so our switch support the telemetry which will provided by Broadcom.	Please be guided by the RFP

287	Moduler-Spine	9.4	Should support software telemetry - >Utilization of Operational like MAC/Route & Hardware resources like port utilization/ BW >Switch environmentals like (CPU/memory/FAN/Power Supply) > Interface statistics like CRC error	Please modify this Clause to "Should support software telemetry" Different OEM is having different telemetry functionality in their network operating system.	Please be guided by the RFP
288	SDN Fabric	4.1	Fabric must provide RBAC policies and support AAA using Local User authentication, External RADIUS, External TACACS+, External LDAP, External AD	Please modify this clause to "Fabric must provide RBAC policies and support AAA"	Please be guided by the RFP
289	SDN Fabric	4.2	Fabric /SDN controller should provide micro-segmentation rules and policies for workloads connected to DC fabric for east-west traffic . It must support segmentation of VM based attributes like hostname, OS, VM Tags, FQDN, Microsoft AD based classification (by integrating with MS AD controller, MS AD Domain and Groups)	Please remove this clause. LIC is having Firewall in DC, so with the help of service changing, segmentation will be achieve at firewall.	Please be guided by the RFP
290	SDN Fabric	4.3	Fabric must support Micro Segmentation for the Virtualize and Non - Virtualize environment (Baremetal, Container)	Please modify this clause to "Fabric must support Micro Segmentation for the Virtualize or Non - Virtualize environment (Baremetal, Container)"	Please be guided by the RFP
291	SDN Fabric	4.6	Multi DC fabric solution should provide encryption between sites using 256-bits AES	Please modify this clause to "Multi DC fabric solution should provide encryption/encapsulation between tow site between sites using 256-bits AES or VxLAN based encapsulation"	Please refer to the revised technical specifications .
292	SDN Fabric	5.10	Solution should provide instant visibility into any applicable bugs, security advisories and field notices for running hardware and configuration	Please remove this clause. This is OEM specific.	Please be guided by the RFP
293	SDN Fabric	5.11	Solution should include software recommendation & best practices based on platforms and running configuration in network	Please remove this clause. This is OEM specific.	Please be guided by the RFP
294	SDN Fabric	5.3	Centralised management appliance or SDN Controller must be able to dynamically insert L4 - L7 Services (physical and virtual appliance) for East-West traffic.	Please modify this clause to "Centralised management appliance or SDN Controller must be able to dynamically insert L4 - L7 Services (physical or virtual appliance) for East-West traffic."	Please be guided by the RFP

295	SDN Fabric	5.6	Solution should store historical data to provide anomalies and trending information of each resources (environment, configuration & operational) and graphing of parameters, which will help customer to debug, over period of time.	Please modify this clause to "Solution should store historical data for analysis. ."	Please be guided by the RFP
296	SDN Fabric	5.7	Solution should provide on going mechanism to find configuration deviation, security risk & non-compliances against segmentation rules by assessing current configuration, network security policies and generate alert for any deviation to provide assurance.	Please remove this clause. This is OEM specific.	Please be guided by the RFP
297	SDN Fabric	5.9	The solution should provide pre-change analysis for configuration so that it can highlight any challenges/issues even before actually pushing configuration within the environment to reduce the risk of network failures and increase change agility	Please remove this clause. This is OEM specific.	Please be guided by the RFP
298	SDN Fabric	Fabric Management	Centralized management appliance or SDN controller should not participate in Data plane and control plane path of traffic	Bidder request LIC to modify this clause to Centralized management appliance or SDN controller should not participate in non-disruptive manner for Data plane only	Please be guided by the RFP
299	SDN Fabric	Fabric Management	Centralized management appliance or SDN controller should be able to inset L4-L7 services for East-West Traffic	Bidder requests LIC to change this clause to Centralized management solution should be able to integrate with a platform which can insert L4-L7 services	Please be guided by the RFP
300	SDN Fabric	Fabric Security Features	Fabric / SDN controller should provide microsegmentation rules and policies for workloads connected to DC fabric for east-west traffic . It must support segmentation of VM based attributes like hostnames, VM tags FQDN, Microsoft AD based classification	Bidder request LIC to remove this clause as microsegegmentation needs to be taken at layer 7 with application intelligence as a separate project	Please be guided by the RFP
301	SDN Fabric	Fabric Security Features	Fabric must support microsegmentation for both virtualized and non-virtualized workloads (baremetal and container)	Bidder requests LIC to consider layer 7 microsegmentation as a separate project and remove this clause	Please be guided by the RFP
302	SDN Fabric	Fabric Security Features	Muti DC fabric solution should provide encryption between sites using AES 256 encryption	Bidder requests LIC to remove this clause as current solution is only for single DC and multi DC solution would require DCI switches which is not currently part of the proposed solution	Clause Deleted
303	Tacacs	29	Log file extracts should include an accurate time-stamp that is digitally signed.	Please modify this clause to "Log file extracts should include an accurate time-stamp" digitally signed is OEM specific. Log file is password protected.	Please refer to the revised technical specifications .

304	Tacacs	47	TACACS+ profiles should support profile for WLC with permissions - all, monitor, lobby or selected roles/tabs like only WLAN, controller, wireless, Security, Management or commands	Please modify this clause to" TACACS+ profiles should support profile for WLC with permissions"	Please refer to the revised technical specifications .
305	Tacacs	49	TACACS+ command sets should come with prebuilt command set profiles for deny all commands, allow all commands and show only commands.	Please remove this point. This is OEM specific. TACACS will be a multi-vendor software and it will not have prebuilt command set profiles for all the OEMs which are available in the industry.	Clause Deleted
306	Tacacs	50	TACACS+ command sets should allow to define custom command sets with options to list the permitted command or negate option to not allow any other command that is not listed in the command set.	Please remove this point. This is OEM specific.	
307	Tacacs	54	TACACS+ service should support custom settings for - Protocol session timeout, connection timeout, packet size, authorization cache timeout, cutomer username and password prompt, password change, Password Violation policy prompt etc.	Please modify this clause to "TACACS+ service should support custom settings for - session timeout, connection timeout, authorization cache timeout, username and password prompt"	Please refer to the revised technical specifications .
308	Tacacs	55	TACACS+ Authentication settings should support TACACS Draft Compliance Single Connect Support	Please remove this point. This is OEM specific.	clause Deleted
309	Tacacs	56	TACACS+ External authentication settings should support provision for stripping username prefix such as backslash (\) or stripping of the suffix at the rate (@) with provision to handle the accounting request for TACACS+ session locally or remotely.	Please remove this point. This is OEM specific. TACACS server will integrate with LDAP server with specified user name and password.	
310	Tacacs	63	Solution should have provision to keep passwords entered accidently in username fields hidden for audit and security purpose. Wrong values in username field should reflect generic keyword USERNAME	Please remove this point. This is OEM specific.	
311		General	Network equipment safety	All the network equipment's delivered by bidder at customer site for the Services should be kept under safe custody by the customer. In case any device found lost or damaged due to customer attribute than customer has to bear the cost for lost/damaged as well as new device.	
312		General	First level troubleshooting	In case of connectivity down, FLT will be done by the customer spoke available at site. No downtime will be attribute to bidder incase the local person is not available at site or on site access is not available for the bidder engineer to check after the FLT.	Please be guided by the RFP
313			We request you ask the experience of seven years with IT infrastructure and to remove the proposed oem clause.		Please be guided by the RFP