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M/s Millennium Automation Private Limited

S.N	PAGE	CLAUSE NO./ Point No.	Original Clause	Query/ Requested Changes/ New Clause	Reason / Justification	RailTel Response
1	14	Integration with the existing SetUp of Railtel	Should enable backup and configuration of the endpoints deployed in the field	Request you to delete this clause		As per RFP
2			Should be possible to restore configuration to the deployed endpoints	Request you to delete this clause		As per RFP
3			should be possible to demonstrate graphical management of these endpoints	Request you to delete this clause		As per RFP
4			To apply provisioning templates on these VC devices		Please provide the list of Cisco end points models and their respective software version deployed in the field	The Video/VOIP end conferencing endpoints deployed in the field are: a) SX20 b) SX80 c) C- Series d) Kit Plus CP-7821K9 e)
5			The proposed solution should be able to provide seamless device registration to the Video conferencing endpoints already deployed in the field such that if one gatekeeper solution at DC-DR should work on active-active mode		As device registration time interval varies from VC end point make and model hence Need more clarification on the end points deployed on the field	The Video/VOIP end conferencing endpoints deployed in the field are: a) SX20 b) SX80 c) C- Series d) Kit Plus CP-7821K9 e)
6	15	SOR-A: Multipoint Control Unit in high availability: Point No. 3	The MCU shall have 2x10/100/1000 Mbps Ethernet interface and 1*10G with multimode optics for IP communication and dedicated serial/USB/Ethernet connection for maintenance/upgrade.	Delete : Request you to delete the following specification "1*10G with multimode optics for IP communication"		As per RFP
7		SOR-A: Multipoint Control Unit in high availability: Point No. 5	The MCU if operated in HD720p mode should have 500 Ports	The MCU if operated in HD720p mode should have 400 Ports.	Please Clarify: How many concurrent /simultaneous conferences are being expected to run at any giver particular point of time ?	Clarification: Refer to scope of work, Chapter-3A, minimum 30 concurrent meeting
8	16	SOR-A: Multipoint Control Unit in high availability: Point No. 28	The solution should be supplied with 900 or more desktop clients which could work from laptops/computer, iphone, ios, android with presence and chat capability.	Change: The solution should be supplied with 900 or more desktop clients which could work from laptops/computer with presence and chat capability		As per RFP
9	16	SOR-A: Multipoint Control Unit in high availability: Point No. 31	The user should be able to join the video meeting with an internet user by sending a guest link to the remote user	Request you to delete this clause		As per RFP
10	16	SOR-A: Multipoint Control Unit in high availability: Point No. 32	The guest user should be able to join the meeting from the IE / equivalent browser without having to install any plugin/software on the computer	Request you to delete this clause		As per RFP

11	16	SOR-A: Multipoint Control Unit in high availability: Point No. 35	MCU must be in High Availability (HA) so that these MCU's can work in hot standby mode as well as load balancing modes. The MCU's should be provision for 250 ports each at DC and DR.	Change : The MCU's should be provision for 200 ports each at DC and DR.		As per RFP
12	18	SOR-B to F (Gatekeeper, Firewall Traversal and Management system) : Point No. 20	Should show overview of scheduled meetings, resources and participants.	Change : "Should show overview of scheduled meetings and participants.		As per RFP
13	18	SOR-B to F (Gatekeeper, Firewall Traversal and Management system) : Point No. 21	Functionalities such a mute/unmute of individual sites, connect/ disconnect of individual sites, view bandwidth of each sites, audio and video protocol of each site, snapshot if needed must also be possible.	Delete : "snapshot if needed must also be possible."		As per RFP
14	18	SOR-H, Desktop clients: Point No. 1	Solution should provide a "presence" application for users, so that they can see the availability status of their contacts in their contact list. The solution should be IPV4 and IPV6 complaint day one.	Change: The solution should be IPV4 / IPV6 complaint day one.		As per RFP
15	18	SOR-H, Desktop clients: Point No. 3	The instant messaging application should support manual setting of user status to: Available, Away, Do Not Disturb (DND) etc.	Change : The instant messaging application should support manual/Auto setting of user status to: Available, Away, Do Not Disturb (DND) etc		As per RFP
16	18	SOR-H, Desktop clients: Point No. 5	Presence based IM client should be available for Desktops (Windows & Mac), as well as for Mobile phones (Android / iPhone)	Change :Presence based IM client should be available for Desktops (Windows & Mac)		As per RFP
17	19	SOR-I : Server Specifications:		Clarify : if the offered solution is with appliance edition then the respective OEM will give their own server configuration details.		Refer Corrigendum-I

18	Recording and Streaming Server : Please confirm how many recording and live streaming ports would require ?	As per corrigendum - I
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B	SN	Page	Clause no. / Point no.	Original Clause	Query /Requested Changes/ New clause	Reason/Justification	RailTel Response
	1	47	Chapter 5 BDS/Clause 12.1.2	The Tenderer/bidder should have supplied and provision of similar offered TP Infrastructure Solution/ Video Conferencing Solution with satisfactory working as to Government/PSUs/Telecom Service Providers/Public Listed Company during the last three years from the date of opening of tender.	The Tenderer/bidder should have supplied and provision of similar offered TP Infrastructure Solution/ Voice/ Video Conferencing Solutions/IT Networking solutions (consist of Voice and/or Video Solutions) with satisfactory working as to Government/PSUs/Telecom Service Providers/Public Listed Company during the last preceding 3 financial years (i.e. current year plus three previous financial years)	Please include IT Networking solution Order also in the category of Similar work, as your current SOR also have requirment of networking equipment like Swtiches, Transcievers etc. Also Order asked as per clause 12.2.1 of BDS is in last preceding 3 financial years (i.e. current year plus three previous financial years)	As per corrigendum - I

2	47	Chapter 5 BDS/Clause 12.2.1	<p>Financial Criteria</p> <p>i) The tenderer should have executed order of Supply, installation, testing, commissioning, and maintenance of TP Infrastructure Solution/ Voice/Video Conferencing Solutions commercially in India during last preceding 3 financial years (i.e. current year plus three previous financial years)</p> <p>(A) Single order of atleast 35% of tendered value.</p> <p>OR</p> <p>(B) Two orders of atleast 20% each of tendered value.</p> <p>OR</p> <p>(C) Three orders of atleast 15% each of tendered value.</p> <p>Copy of work orders supported with relevant documentary evidences for the same and the completion certificates by the client. Documentary evidence should clearly indicate the nature of systems implemented for each project.</p>	<p>Financial Criteria</p> <p>i) The tenderer should have executed order of Supply, installation, testing, commissioning, and maintenance of TP Infrastructure Solution/ Voice/Video Conferencing Solutions/ IT Networking solutions (consist of Voice and/or Video Solutions) commercially in India during last preceding 3 financial years (i.e. current year plus three previous financial years)</p> <p>(A) Single order of atleast 35% of tendered value.</p> <p>OR</p> <p>(B) Two orders of atleast 20% each of tendered value.</p> <p>OR</p> <p>(C) Three orders of atleast 15% each of tendered value.</p> <p>Copy of work orders supported with relevant documentary evidences for the same and the completion certificates by the client. Documentary</p>	Please include IT Networking solution Order also in the category of Similar work, as your current SOR also have requirment of networking equipment like Swtiches, Transceivers.	AS per RFP
3	14	Integration with the existing SetUp of Railtel	All required licenses in the solution such as VM, Operating System, DB, DNS, NTP and active directory are in the bidder scope.	Request you to please clarify whether dedicated Servers are required for Each application or we can install all mentioned application in single Server /As per available compute space.		Clause is very clear.
4	21	SOR K & L (Streaming Solution): h	Hardware should be rack mountable.	Hardware should be Rack/Tower mountable.	Since most vendors don't have Rack mount in this configuration so request you to please revise the clause as - " Hardware should be Rack/Tower mountable "	As per RFP

5	21	SOR K & L (Streaming Solution): i	Hardware should have 2*10/100/1000 Mbps BaseT interface.	Network Interface Card: 1*10Gbps Ethernet or can use minimum 5 lan cards of 1gbps each in each server	Since the 1G Network Interface speed will create bottleneck in streaming network , So request you to please revise the clause as - "Hardware should have 1*10Gbps Ethernet or can use minimum 5 lan cards of 1gbps each in each server"	As per RFP
6	21	SOR K & L (Streaming Solution): j	Hardware should have Intel Quad Core i7, 3.4 Ghz and above, minimum 16 GB memory and minimum 1 TB drives in Raid 0.	CPU: Dual quad-core or a single hex-core, 3.00 GHz or better RAM: 16-32GB Disk: 2 or more in RAID 0 (striping)	Since for High End Streaming solution seamless operation and functioning , Required higher computing capabilities in Server. So request you to please revise the clause as - "Hardware should have Minimum: CPU: Dual quad-core or a single hex-core, 3.00 GHz or better RAM: 32GB or more Disk: 2 or more 1 TB drives in RAID 0 (striping)"	As per corrigendum - I
7	21	Add New Clause		Please define Stream viewing user concurrency required for this solution	Since no viewing users are defined so license calculation is very tough. Also the solution works on pass through of the encoded input stream, Request you to please define the concurrent viewers of streaming feed.	As per corrigendum - I
8		Add New Clause		Railtel has to provide Public certificates required for B2B Calling over Internet. Kindly confirm the same.	Since Public certificates are mandatory for B2B Domain calling, Request you to please provide the same.	As per RFP

	9		Add New Clause		Railtel has to provide Public DNS required for creating SRV records and FQDN of expressway server for MRA and B2B configuration. Kindly confirm the same.	Since required Private DNS will be configured by SI. Public DNS for creating SRV records and FQDN of expressway server for MRA and B2B configuration has to be provided by Railtel.	As per RFP
	10	5	SOR-F	Supply of Management System as per Technical Specification given in Chapter-3A - QTY - 4 Nos	Supply of Management System as per Technical Specification given in Chapter-3A - QTY - 1 Nos	The quantity of Management System should be 1 as only One application will be able to manage the complete setup. However the Management System can be asked in 1:1 Redundancy.	As per corrigendum - I
	11	5	SOR-H	Supply of Desktop clients as per Technical Specification given in Chapter-3A. QTY - 1 No	Supply of Desktop clients as per Technical Specification given in Chapter-3A. QTY - 900 Nos	As per Scope of Work, total on 900 desktop clients have been asked. Request you to please confirm the same.	As per corrigendum - I
	12	15	SOR-A: Multipoint Control Unit in high availability	10. The MCU should support H.239 and encryption in SIP & H.323 modes	10. The MCU should support H.239/BFCP and encryption in SIP & H.323 modes	The MCU supports BFCP for Content Shairing. Hence request you to consider H.239/BFCP, similar to Clause 9 on Page 15	As per corrigendum - I

	13	16	SOR-A: Multipoint Control Unit in high availability	25. The MCU shall support AES encryption using H.235 V3 for every participant without affecting any other feature, functionality or port count.	25. The MCU shall support AES encryption using H.235 V3 or SRTP for every participant without affecting any other feature, functionality or port count.	We request the authority to consider SRTP as well for Secured Video and Audio Call	
	14	18	SOR-H, Desktop clients	9. The solution should be HD720p resolution and should be enabled with 900 clients day one	9. The solution should be HD1080p resolution and should be enabled with 900 clients day one	The Desktop Clients have been asked with support of Full HD 1080p resolution in Scope of Work on Page 13. Requests you to please ammend this clause accordingly.	As per RFP

C		AIRTEL					
	SN	Page	Clause no. / Point no.	Original Clause	Query /Requested Changes/ New clause	Reason/Justification	RailTel Response
	1	36	12.1.6	The Bidder or their promoters having equity stake or operating partnership in bidder, should not be holding valid License for Telecom service Provider/ISP/NLD, Services License of Government of India for Telecom Operation.	Please remove this clause from RFP		As per RFP