

**Corrigenda to Pre-Bid Queries for RFP For Installation , Commissioning and Maintenance of Managed Video Conferencing Solution,  
Ref : LIC-CO/IT-DT/NW/RFP/2025-26/01 Dated: 06/10/2025**

Sr. No.	RFP Document Reference(s) (Section & Page Number)	Clause (in brief) of RFP requiring clarification(s)	Brief details/ Query in reference to the clause	LIC Remark
8	Page 33, Section F	a) Quarterly payment at the end of each quarter, subject to satisfactory services as per the scope of work. TDS will be deducted at source for any payment made by LIC, as per prevailing rules  For Payment against Onsite Services: Payment for the Onsite Services will be done on quarterly basis at the end of each quarter on production of the prescribed documents.	We propose payment to be made withing 30 days of Invoicing and Invoicing to be done monthly.	Please refer to the revised "Payment Terms"
13	SECTION-E: SCOPE OF WORK, PG 24	integrate around 10 to 15 standalone VC system with the solution. Some of the VC rooms have multiple screens installed which also need to be integrated with the proposed solution.	Please share the details of the systems to be integrated.	The details will be shared with the succesful bidder
14	1. General , PF 24	Dedicated NTP services for LIC.	Please highlight what is expected from the bidder. Does the bidder need to provide a separate dedicated infra built for NTP or bidder can provide the shared NTP services.	The bidder can provide shared NTP Services
16	COMMERCIAL BID (Annexure-IX), 2	Splitters for providing additional displays	Please share the specifications expected for the splitter	Please refer to the revised "Technical Specifications"
17	General		Please share annexure VIII, IX, X & XIII in Excel Format	Provided
20	General		Is there a need to provide DNS	Yes, Please refer to the revised "Scope of Work"
21	General		Does the bidder need to provide SSL certificates	Yes, Please refer to the revised "Scope of Work"
22	Technical Specifications for Completely Integrated Unit Audio Standards	Should have at least 6 microphones inputs to connect 6 microphones	How many microphones to be supplied on Day 1	Please refer to the revised "Technical Specifications"
23	Technical Specifications for Interactive Collaboration Devices- Page 21	Should have Dual 4k Camera at 80- and 120-degree field of view allows for close and further participants to be seen clearly when they speak. The Cameras must be autoselected by the software depending upon the location of the active speaker.	Can the Field of view be relaxed to 70 degrees and 110 degrees respectively?	Please refer to the revised "Technical Specifications"
25	Technical Specifications for Divisional Offices Page 1 Video input	Must have 1 additional HDMI inputs to connect two laptops/PC/Camera for presentations supporting upto 4K 30fps Resolution including 1080p 60fps	One HDMI input can allow One Laptop/PC/Camera. Please do clarify.	Please refer to the revised "Technical Specifications"
26	Technical Specifications for Completely Integrated Unit Page 5 General specifications	The 85" screens (two), codec, cameras, microphones, floor/wall mounted kit should be from same OEM with a single OEM part code. The system should not be a locally fabricated unit.	Is it ok to provide OEM certified displays?	Please refer to the revised "Technical Specification"
27	Technical Specifications for Completely Integrated Unit Page 6 Video Input	Must have at least 1 USB -C input for Content Sharing @1080p30fps, 4K 15 fps with a cable length of at least 10 meters	Can the length of the cable be relaxed to 9mtrs since this is the maximum cable length available.	Please refer to the revised "Technical Specifications"
28	Technical Specifications for Divisional Offices Page 1 Video input	Must have at least 1 USB -C input for Content Sharing @1080p30fps, 4K 15 fps with a cable length of at least 10 meters .	Can the length of the cable be relaxed to 9mtrs since this is the maximum cable length available.	Please refer to the revised "Technical Specifications"
30	Technical Specifications for Divisional Offices Page 3 Directory Services	Should support LDAP and H.350 protocols for directory transfer	H.350 is a subset of Directory service to be implemented on the Active Directory server. Support for LDAP on the endpoints allows the device to be connected with the AD server. Request that documentary proof for LDAP support be accepted.	Documentary proof to be provided for LDAP .
31	Technical Specifications for Divisional Offices Page 2 Audio inputs	Should have at least 6 microphones inputs to connect 6 microphones .	How many microphones should be supplied from day 1?	Please refer to the revised "Technical Specifications"
32	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 29 Directory Services	Should support LDAP and H.350 protocols for directory transfer	H.350 is a subset of Directory service to be implemented on the Active Directory server. Support for LDAP on the endpoints allows the device to be connected with the AD server. Request that documentary proof for LDAP support be accepted.	Documentary proof to be provided for LDAP .

33	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 29 Camera	Should support at least 120 degrees horizontal field of view and 90 Degrees Vertical FoV	Can the Field of view be relaxed to 110 degrees and 70 degrees respectively?	Please refer to the revised "Technical Specifications"
34	Technical Specifications for Completely Integrated Unit Page 5 Screen & Layout	Must have a total of at least 3 HD inputs. The system should support 2 HD Cameras (1080P) and 2 PC Inputs (One HDMI and one DVI/VGA) for presentation sharing	Since VGA is no longer supported on most PC's, and USB C is available on PC's, Please clarify if USB C can be used for PC input so that the clause can be read as: Must have a total of at least 3 HD inputs. The system should support 2 HD Cameras (1080P) and 2 PC Inputs (One HDMI and one DVI/USBC) for presentation sharing	Please refer to the revised "Technical Specifications"
35	Technical Specifications for Collaboration Client for Computer/laptop/Mobile device for Virtual meeting room for Cloud Video Bridge Page 19	Only Video conferencing devices should be able to join Confidential meetings and soft clients should not be allowed to join such meetings.	If the soft clients are in the same network as the VC devices is it needed for them to join these meetings. Only soft clients which are outside (internet) the network should not be allowed to join	Please refer to the revised technical specifications
36	Page No.9 , Section 7 B Eligibility Criteria Point N0.4	Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations) Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer). *Similar project means the implementation of Room based Video Conferencing solution and associated central infrastructure Multi point Control Unit (MCU) / Installation and integration of Audio-Video Solutions Comprising Microphones, Camera, Switches, Control processors, Digital Signal Processor (DSP), speakers, Display Screens, Codec etc.	Bidder proposes to relax the clause with the below revised clause: Bidder must have installed, commissioned maintained and supported at least 2 clients globally/India for Managed Video Conferencing Solution or similar project in the last 7 financial years preceding the date of the RFP. Out of these two clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations) Out of these clients, at least 1 order should be of values greater than INR 5 Crore (either single or clubbed for the same customer).	Kindly refer to revised Eligibility Criteria
37	Technical Specification for On Prem Video Bridge Point 38	All components should be from same OEM for better interop and integration	Is it ok if the Display and some accessories are from other OEMs.	Yes
38	Page no.39 , Section H - Annexures ,Annexure II, Section C - Eligibility Information Compliance, Point 8	Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations) Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer). *Similar project means the implementation of Room based Video Conferencing solution and associated central infrastructure Multi point Control Unit (MCU) / Installation and integration of Audio-Video Solutions Comprising Microphones, Camera, Switches, Control processors, Digital Signal Processor (DSP), speakers, Display Screens, Codec etc.	Bidder proposes to relax the clause with the below revised clause: Bidder must have installed, commissioned maintained and supported at least 2 clients globally/India for Managed Video Conferencing Solution or similar project in the last 7 financial years preceding the date of the RFP. Out of these two clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations) Out of these clients, at least 1 order should be of values greater than INR 5 Crore (either single or clubbed for the same customer).	Kindly refer to revised Annexure- II
39	General	Last Date for Bid Submission	Bidder propose to extend the submission by 10 days considering festive holidays.	Please refer to the revised "Activity Schedule"
40	Technical Specifications for Collaboration Client for Computer/laptop/Mobile device for Virtual meeting room for Cloud Video Bridge Point No. 18	Record sessions with video, audio, and content for future reference, training, or demonstrations. A capacity of 500 MB per host must be provided.	Is the ask 500 MB storage capacity per host of these type of meetings? What is the frequency of such meetings?	Yes
43	Technical Specifications for Streaming Platform	Must support at least 80000 (eighty thousand) attendees to join a single Webcast/streaming session using their browser. Standard browsers Firefox, Chrome, Edge must be supported	How many such Webcast, streaming events are required simultaneously. For how long do these recorded events need to be stored? How many hours do such event occur for?	One
45	Technical Specifications for Divisional Offices Page 1	The system must have the ability to pair mobile devices such as Tablets and Smartphones based on iOS and Android platforms and platforms newly introduced in future so that these devices can be used to share the presentation using mobile device and also permit to : 1)View the Presentaion that is being shown in the VC call. 2)Add and disconnect call. 3)Take snapshot of the presenetaion being shown	Request to change as The system must have the ability to pair mobile devices such as Tablets and Smartphones based on iOS and Android platforms and platforms newly introduced in future so that these devices can be used to share the presentation using mobile device	Please refer to revised Technical Specifications.

46	Technical Specifications for Divisional Offices Page 1	Should have at least 2 x HDMI inputs to connect Full HD cameras.	Request to change as Should have at least 2 x HDMI/USB inputs to connect Full HD cameras.	Please refer to revised Technical Specifications.
47	Technical Specifications for Divisional Offices Page 1	Must have 1 additional HDMI inputs to connect two laptops/PC/Camera for presentations supporting upto 4K 30fps Resolution including 1080p 60fps.	Request to change as Must have 1 additional HDMI inputs to connect one laptops/PC/Camera for presentations supporting upto 4K 30fps Resolution including 1080p 60fps.	Please refer to revised Technical Specifications.
48	Technical Specifications for Divisional Offices Page 1	Should have input to connect directly a laptop/PC for content/presentations at 4K resolution along with audio and video using HDMI/HD interfaces .Suitable connecting cable of 15 meters length for connecting laptop/desktop using HDMI and VGA interfaces should be provided .In case any converters are required for the purpose the same has to be provided by the service provider .	Request to change as Should have input to connect directly a laptop/PC for content/presentations at 4K resolution along with audio and video using HDMI/HD interfaces .Suitable connecting cable of 15 meters length for connecting laptop/desktop using HDMI.	Please refer to revised Technical Specifications.
49	Technical Specifications for Divisional Offices Page 1	Must have at least 1 USB -C input for Content Sharing @1080p30fps, 4K 15 fps with a cable length of at least 10 meters .	Request to remove this clause	Please refer to revised Technical Specifications.
50	Technical Specifications for Divisional Offices Page 2	Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices for both Video and Content.(Dual Monitor Support). The codec should support upto 4K 60fps resolution.	Request to change as Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices for both Video and Content.(Dual Monitor Support). The codec should support upto 1080p 60fps resolution.	Please refer to revised Technical Specifications.
51	Technical Specifications for Divisional Offices Page 2	G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD standard must be supported	Request to change as G.711, G.722, G.722.1 standard must be supported	Please refer to revised Technical Specifications.
52	Technical Specifications for Divisional Offices Page 2	Should support 6 Microphone inputs to connect 6 microphones . Every microphone must have mute button .	Request to change as Should support 6 Microphones . Every microphone must have mute button .	Please refer to revised Technical Specifications.
53	Technical Specifications for Divisional Offices Page 2	Should have at least 6 microphones inputs to connect 6 microphones .	Request to change as Should support 6 Microphones .	Please refer to revised Technical Specifications.
60	Technical Specifications for Divisional Offices Page 3	Should support built-in Multiconference capability to connect at least 1+3 sites at 720p 30fps in a continuous presence mode. The necessary licenses should be provisioned for the same	Request to remove this clause	Please refer to revised Technical Specifications.
61	Technical Specifications for Divisional Offices Page 3	All sites must be visible in a continuous presence mode with rate matching and transcoding such that different sites may connect at different speeds and protocols and still maintain a resolution of at least 720p	Request to remove this clause	Please refer to revised Technical Specifications.
62	Technical Specifications for Divisional Offices Page 3	The Touch Interface should be able to provide Room information such as display Room Temperature, humidity, air quality, ambient light etc	Request to remove this clause	Please refer to revised Technical Specifications.
68	Technical Specifications for Completely Integrated Unit Page 4	Must have a total of at least 3 HD inputs. The system should support 2 HD Cameras (1080P) and 2 PC Inputs (One HDMI and one DVI/VGA) for presentation sharing	Request to change as Must have a total of at least 3 HD inputs. The system should support 2 HD Cameras (1080P) and 1 PC Inputs (One HDMI) for presentation sharing	Please refer to revised Technical Specifications.
69	Technical Specifications for Completely Integrated Unit Page 5	Should have input to connect directly a laptop/PC for content/presentations at 4K resolution along with audio and video using HDMI/HD interfaces .Suitable connecting cable of 15 meters length for connecting laptop/desktop using HDMI and VGA interfaces should be provided .In case any converters are required for the purpose the same has to be provided by the service provider .	Request to change as Should have input to connect directly a laptop/PC for content/presentations at 4K resolution along with audio and video using HDMI/HD interfaces .Suitable connecting cable of 15 meters length for connecting laptop/desktop using HDMI.	Please refer to revised Technical Specifications.
70	Technical Specifications for Completely Integrated Unit Page 5	Must have at least 1 USB -C input for Content Sharing @1080p30fps, 4K 15 fps with a cable length of at least 10 meters	Request to remove this clause	Please refer to revised Technical Specifications.
71	Technical Specifications for Completely Integrated Unit Page 5	Should support G.711, G.722, G.722.1, 64 kbps 20KHz MPEG-4 AAC-LD or equivalent standards .	Request to change as Should support G.711, G.722, G.722.1 or equivalent standards .	Please refer to revised Technical Specifications.
72	Technical Specifications for Completely Integrated Unit Page 5	Should have at least 6 microphones inputs to connect 6 microphones .	Request to change as Should support 6 Microphones .	Please refer to revised Technical Specifications.
73	Technical Specifications for Completely Integrated Unit Page 5	Built-in wide band audio speaker and amplifier system to the far end audio and line-in audio. No external audio system is acceptable. The unit must provide a sound output of at least 200W	Request to change as It should be possible to integrate external speaker.	Please refer to revised Technical Specifications.

75	Technical Specifications for Completely Integrated Unit Page 6	The camera should have the capability to capture the people in the room in Frames mode, such that when there is an empty space between two people , this empty space is removed and the two people are shown in two different frames with a virtual line between these two people. The Frames mode must support at least 4 frames and should maintain spatiality of the room such that a person on the left is always seen on the left and the one on right is always seen on the right side.	Request to change as The camera should have the capability to capture the people in the room in Frames mode, such that when there is an empty space between two people , this empty space is removed and the two people are shown in two different frames with a virtual line between these two people. The Frames mode must support at least 4 frames.	Please refer to revised Technical Specifications.
83	Technical Specifications for Completely Integrated Unit Page 8	Should support built-in Multiconference capability to connect at least 1+4 sites at 720p30fps in a continuous presence mode. The licenses should be provisioned from day one .	Request to remove this clause	Please refer to revised Technical Specifications.
84	Technical Specifications for Completely Integrated Unit Page 8	All sites must be visible in a continuous presence mode with support for dynamic bandwidth allocation still maintain a resolution of at least 720p	Request to remove this clause	Please refer to revised Technical Specifications.
85	Technical Specifications for Completely Integrated Unit Page 8	The Touch Interface should be able to provide Room information such as display Room Temperature, humidity, air quality, ambient light etc	Request to remove this clause	Please refer to revised Technical Specifications.
87	Technical Specifications for Interactive Collaboration Devices Page 21	75" screen, Codec, 4K Camera, built-in Microphones and Mounting kit should be from same OEM with a single OEM part code. The system should not be a locally fabricated unit.	Request to remove this clause	Please refer to revised Technical Specifications.
99	Technical Specifications for Interactive Collaboration Devices Page 22	Should have additional 2 analog input to connect 2 mic from day one. 2 mic need to be delivered from day one	Request to change as Should support 2 mic from day one. 2 mic need to be delivered from day one	Please refer to revised Technical Specifications.
103	Technical Specifications for Interactive Collaboration Devices Page 23	Should support atleast 80 degrees horizontal field of view and minimum 12 MP image sensor with 1/2.3" CMOS	Request to change as Should support atleast 80 degrees horizontal field of view and minimum 12 MP image sensor with 1/2.3" CMOS	Please refer to revised Technical Specifications.
104	Technical Specifications for Interactive Collaboration Devices Page 23	Should Support built-in Multiconference capability to connect at least 1+4 sites at 720p in a continuous presence mode. This feature should be made available by adding license in future.	Request to remove this clause	Please refer to revised Technical Specifications.
107	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices such as plasma and projectors for both Video and Content.(Dual Monitor Support). Resolution upto 4K60fps	Request to change as Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices such as plasma and projectors for both Video and Content.(Dual Monitor Support). Resolution upto 1080p60fps	Please refer to revised Technical Specifications.
108	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Should have a digital input (HDMI/DVI) to connect PC/ Laptop directly to the Video conferencing system and display resolutions upto 4K30fps and 1080p60fps	Request to change as Should have a digital input (HDMI/DVI) to connect PC/ Laptop directly to the Video conferencing system and display resolutions upto 1080p60fps	Please refer to revised Technical Specifications.
109	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD standard must be supported.	Request to change as G.711, G.722, G.722.1 standard must be supported.	Please refer to revised Technical Specifications.
110	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Should support 2 Microphone inputs. One Mic should be supplied day one	Request to change as Should support 2 Microphones. One Mic should be supplied day one	Please refer to revised Technical Specifications.
111	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Should support built-in multiconference capability to connect at least 1+3 sites at 720p30fps in a continuous presence mode. This should be available by adding a license key in future.	Request to remove this clause	Please refer to revised Technical Specifications.
112	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	H.323/SIP/VoIP in the same conference	Request to remove this clause	Please refer to revised Technical Specifications.

113	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Must have Individual transcoding for each site so that all the sites can be connected at different bandwidths and different audio and video protocols without affecting the resolution to the other sites.	Request to remove this clause	Please refer to revised Technical Specifications.
114	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Support for Presentation (H.239/BFCP) from any participant at resolutions up to 1080p30	Request to remove this clause	Please refer to revised Technical Specifications.
115	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	H.264, Encryption, Dual Stream from any site	Request to remove this clause	Please refer to revised Technical Specifications.
116	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 29	The Touch Interface should be able to provide Room information such as display Room Temperature, humidity, air quality, ambient light etc.	Request to remove this clause	Please refer to revised Technical Specifications.
117	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 29	Should support at least 120 degrees horizontal field of view and 90 Degrees Vertical FoV	Request to change as Should support at least 110 degrees horizontal field of view	Please refer to revised Technical Specifications.
119	Technical Specifications for On-Prem Video Bridge Page 10	It is required to provide Survivable Call Control functionality so that the survivable system at the remote location i.e. Media Gateway shall provide fall back call control service in case the remote site loses all connectivity to the main Call Control system placed. It is expected that the survivability call control system will provide a minimal set of essential telephony features to the end-users that could be a subset of the feature that are available from the main call control system.	Request to remove this clause	Please refer to revised Technical Specifications.
131	Eligibility Criteria Section B, Point No 4	Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for <b>125</b> different sites (in different geographical locations) Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).	Request to change the numbers from 125 sites to 100 sites. Video Conferencing orders are normally on OPEX model. Therefore there values are not as high as Rs.10 Crores, so Please reduce the required order to Rs.5 Crores with the certification for the order value from CA with UDIN No.	Please refer to revised Eligibility Criteria.
134	Section B: Eligibility Criteria 1. Minimum Eligibility Criteria (MEC) Point No. 4 on Page No. 9	<p>Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP.</p> <p>Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)</p> <p>Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).</p> <p>*Similar project means the implementation of Room based Video Conferencing solution and associated central infrastructure Multi point Control Unit (MCU) / Installation and integration of Audio-Video Solutions</p> <p>Comprising Microphones, Camera, Switches, Control processors, Digital Signal Processor (DSP), speakers, Display Screens, Codec etc.</p>	<p>Request you to kindly change the Clause to:</p> <p>A bidder/subsidiary/holding company or its proposed OEM must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP.</p> <p>Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)</p> <p>Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).</p> <p>*Similar project means the implementation of Room based Video Conferencing solution and associated central infrastructure Multi point Control Unit (MCU) / Installation and integration of Audio-Video Solutions</p> <p>Comprising Microphones, Camera, Switches, Control processors, Digital Signal Processor (DSP), speakers, Display Screens, Codec etc.</p>	Kindly refer to revised Eligibility Criteria

135	Section B: Eligibility Criteria 1. Minimum Eligibility Criteria (MEC) Point No. 4 on Page No. 9	<p>Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP.</p> <p>Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)</p> <p>Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).</p> <p>*Similar project means the implementation of Room based Video Conferencing solution and associated central infrastructure Multi point Control Unit (MCU) / Installation and integration of Audio-Video Solutions Comprising Microphones, Camera, Switches, Control processors, Digital Signal Processor (DSP), speakers, Display Screens, Codec etc.</p>	<p>Request you to kindly change the Clause to: A bidder/subsidiary/holding company or its proposed OEM must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP.</p> <p>Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)</p> <p>*Similar project means the implementation of Room based Video Conferencing solution and associated central infrastructure Multi point Control Unit (MCU) / Installation and integration of Audio-Video Solutions Comprising Microphones, Camera, Switches, Control processors, Digital Signal Processor (DSP), speakers, Display Screens, Codec etc.</p>	Kindly refer to revised Eligibility Criteria
136	Section B: Eligibility Criteria 1. Minimum Eligibility Criteria (MEC) Point No. 5 on Page No. 9	The Bidder should have minimum 5 years of experience in supplying, implementing, and supporting managed Video Conferencing Solution for IRDAI / RBI / SEBI regulated entity/ Government /PSU organization in India	<p>Request you to kindly change the Clause to: The bidder/subsidiary/holding company or its proposed OEM r should have minimum 5 years of experience in supplying, implementing, and supporting managed Video Conferencing Solution for IRDAI / RBI / SEBI regulated entity/ Government /PSU organization in India</p>	Kindly refer to revised Eligibility Criteria
137	Section B: Eligibility Criteria 1. Minimum Eligibility Criteria (MEC) Point No. 6 on Page No. 10	The bidder should have the necessary licenses as per the law for offering Managed video conferencing services	As per our understanding, there are no Managed video conferencing services related licences, however if any required please elaborate with name.	Kindly refer to revised Eligibility Criteria
138	Section B: Eligibility Criteria 1. Minimum Eligibility Criteria (MEC) Point No. 7 on Page No. 10	The bidder Must possess certification such as ISO 27001 and ISO-9001 valid on the date of the RFP	<p>Request you to kindly change the Clause to: The bidder Must possess certification such as ISO 27001 and ISO-9001/TL 9000 valid on the date of the RFP</p>	Kindly refer to revised Eligibility Criteria
139	Section B: Eligibility Criteria 1. Minimum Eligibility Criteria (MEC) Point No. 11 on Page No. 10	The bidder should have a dedicated Video NOC in operation for over 3 years	Request department to remove the clause	Kindly refer to revised Eligibility Criteria
140	Section B: Eligibility Criteria 1. Minimum Eligibility Criteria (MEC) Point No. 12 on Page No. 10	The bidder so selected should have the proven capability to perform the entire scope of the assignment without outsourcing the same to any third party	Request department to remove the clause	Kindly refer to revised Eligibility Criteria
142	Section-G: Service Level Agreement (SLA), Point Penalties for Downtime Page No. 34	<p>Level of Video uptime per month</p> <ol style="list-style-type: none"> <li>1. Committed SLA&gt;=99.90 % - NIL Penalty</li> <li>2. &gt;=99.40% but &lt;99.90% - 7.5% of Quarterly Charges for the site</li> <li>3. &gt;=98.90% but &lt;99.40% - 15 % of Quarterly Charges for the site</li> <li>4. &gt;=98.40% but &lt;98.90% - 20% of Quarterly Charges for the site</li> <li>5. &gt;=97.90% but &lt;98.40% - 25 % of Quarterly Charges for the site</li> <li>6. &lt;97.90 % - 30 % of Quarterly charges for the site and LIC also reserves the right to terminate the contract.</li> </ol>	<p>Request you to kindly change the Clause to:</p> <ol style="list-style-type: none"> <li>1. Committed SLA&gt;=99.90 % - NIL Penalty</li> <li>2. &gt;=99.40% but &lt;99.90% - <b>1%</b> of Quarterly Charges for the site</li> <li>3. &gt;=98.90% but &lt;99.40% - <b>2 %</b> of Quarterly Charges for the site</li> <li>4. &gt;=98.40% but &lt;98.90% - <b>3%</b> of Quarterly Charges for the site</li> <li>5. &gt;=97.90% but &lt;98.40% - <b>5%</b> of Quarterly Charges for the site</li> <li>6. &lt;97.90 % - <b>10%</b> of Quarterly charges for the site and LIC also reserves the right to terminate the contract.</li> </ol>	Kindly refer to revised SLA.
143	Section-H: ANNEXURES, Point No.13) Annexure-XIII on Page No. 52	Annexure-XIII : The list of locations where links are to be provided (Given separately in an Excel sheet)	Request you to kindly provide the list of locations along with Bandwidth where links are to be provided	Kindly refer to Annexure-XIII.
144	General	Additional Query	Please confirm CUCM, Server, DC- DR hosting at LIC premises or any other location	Vendor has to take care .
145	1. MEC Page 9	Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)	<p>Could you please clarify why the number 125 sites was chosen for the eligibility criteria?</p> <p>Is there a specific reason for this number, and would it be possible to consider a lower number, like 100 sites, if the project scope is similar?</p>	Please refer to revised Eligibility Criteria.

146	MEC Page 10 , POint 6	The bidder should have the necessary licenses as per the law for offering Managed video conferencing services	Could you please clarify what specific licenses are required by law for offering Managed Video Conferencing Services?	Please refer to revised Eligibility Criteria.
150	Section E, SOW	However, the bidder may suggest remediation (before implementation), which may not be binding to LIC and also integrate around 10 to 15 standalone VC system with the solution. Some of the VC rooms have multiple screens installed which also need to be integrated with the proposed solution.	Kindly provide details of the existing VC inventory, including: Make and model of VC endpoints Screen configurations in VC rooms Make and model of screens Any existing VC management or scheduling systems	Will be shared with winning bidder.
151	Section E, SOW	Commissioning and maintenance of links at the various locations provided.	locations details missing.	Kindly refer to Annexure-XIII.
152	Section E, SOW	Provide 24x7x365 basis post implementation comprehensive support.	This support is from OEM/ Bidder? Please clarify.	Bidder
156	Section E, 1.5, Pg 26	Vendor has to do end-to-end delivery, installation, commissioning, redeployment and configuration of the solution and implementation and customization etc. as per best practices and LIC's requirements. The vendor will ensure seamless integration of its equipments for functioning of existing as well as future Video Conferencing solutions / IP Telephony solution with no/minimum possible downtime.☐ ☐ For training centers the bidder has to specifically ensure that the VC experience of the viewers is that of a live training session, with the presenters back not visible to the viewer. Additional cameras (if any) required for this purpose has to be provisioned and installed.☐	1.Please share details of existing VC/IP Telephony systems to ensure seamless integration with minimal downtime 2.Training Center Setup-Kindly confirm the layout and camera positioning requirements for training centers to ensure live-session-like viewer experience.	Will be shared with winning bidder.
158	Page 27, Technical Specifications for Display Unit	Technical Specifications for Display Unit	1.Kindly confirm if the built-in speaker wattage (10W + 10W), A53 Quad Core 1.5 GHz processor, and Mali-G52MC1 GPU are minimum specs or can be exceeded with higher configurations 2.Is Android 11 OS with 2 GB RAM and 16 GB storage mandatory, or can newer versions with higher specs be proposed? 3.Are all listed ports (HDMI 2.1 x3, USB 2.0 x2, RF IN, DTV IN, Mini AV IN, SPDIF OUT) mandatory for every unit? Please confirm if HDMI CEC, ARC, HDR10, DTS, Dolby MS12 are required on all displays. any higher or better could work?	Higher specifications with over all compabitlity may be quoted.
166	Technical Specifications for Interactive Collaboration Devices- Page 21	Should have Dual 4k Camera at 80- and 120-degree field of view allows for close and further participants to be seen clearly when they speak. The Cameras must be autoselected by the software depending upon the location of the active speaker.	Can the Field of view be relaxed to 70 degrees and 110 degrees respectively?	Please refer to the revised technical specifications
167	Technical Specifications for Divisional Offices - Page 3, Directory services	Should support LDAP and H.350 protocols for directory transfer	H.350 is a subset of Directory service to be implemented on the Active Directory server. Support for LDAP on the endpoints allows the devcie to be connected with the AD server. Request that documentary proof for LDAP support be accepted.	Documentary proof to be provided for LDAP .
168	Technical Specifications for Divisional Offices	Should have at least 6 microphones inputs to connect 6 microphones .	How many microphones should be supplied from day 1?	Please refer to the revised technical specifications
169	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display	Should support LDAP and H.350 protocols for directory transfer	H.350 is a subset of Directory service to be implemented on the Active Directory server. Support for LDAP on the endpoints allows the devcie to be connected with the AD server. Request that documentary proof for LDAP support be accepted.	Documentary proof to be provided for LDAP .
170	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display	Should support at least 120 degrees horizontal field of view and 90 Degrees Vertical FoV	Can the Field of view be relaxed to 110 degrees and 70 degrees respectively?	Please refer to the revised technical specifications
172	Section-B: ELIGIBILITY CRITERIA- Page 9	Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations) Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).	Bidder/OEM must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations) Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).	Please refer to revised Eligibility Criteria.

173	Section-B: ELIGIBILITY CRITERIA- Page 9	<p>Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP.</p> <p>Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)</p> <p>Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).</p>	<p>Bidder/OEM must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 8 financial years preceding the date of the RFP.</p> <p>Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)</p> <p>Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).</p>	Please refer to revised Eligibility Criteria.
174	Section-B: ELIGIBILITY CRITERIA - Page 9	<p>Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP.</p> <p>Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)</p> <p>Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).</p>	<p>1. We are submitting our bid on behalf of our Parent company, as the SOW of the RFP, including eligibility criteria, requires the bidder to be a Telecom service provider with a DOT License. However, the VC line of business is carried out by our wholly owned subsidiary. Therefore, we request LIC to consider the experience credentials of our subsidiary company.</p> <p>2. Request to reduce the No. of Sites as 100 instead of 125 sites in the clause.</p>	Please refer to revised Eligibility Criteria.
176	Technical Specifications for Links, Page 24 , Sr. No. 6	Jitter - 10 milliseconds (Maximum)	Bidder Request to provide the relaxation in this clause with 30 milliseconds Jitter	Please refer to the revised "Technical Specifications"
177	Technical Specifications for Links, Page 24, Sr. No. 10	Uptime - 99.99% per month for Link	Bidder request to allow to relax this clause with 99.5% per month as its single link, single CPE setup	Please refer to the revised "Technical Specifications"
178	Commercial_NPV_VC, Annexure IX, Point 2	Rentals for room based End Points as per technical specification for completely Integrated Units (including codec , camera , microphone and all other accessories including cables)	Bidder Request to include the 85 " Displays in this clauses to accommodate as 85" display is part of Technical specification but not included in Commercial Annexure, else please provide a separate line item for 85" inch displays to include in Commercial Annexure.	Please refer to the revised "Commercial Bid (Annexure - IX)"
179	Commercial_NPV_VC,	Soft copy of the entire eligibility-bid document and all supporting documents on one READ-ONLY pen drive.	Bidder Request to provide relaxation and allow the submissions without pen drive.	Clause Deleted
180	MEC, Point 11, Page 10	The bidder should have a dedicated Video NOC in operation for over 3 years.	Bidder Request to include the audio video NOC for support.	Please refer to the revised "Eligibility Criteria"
181	Commercial_NPV_VC, Annexure IX, Point 13	Rentals for Virtual Meeting Rooms for Cloud Video Bridge with 1000 participants in each session with recording facility as per technical specifications with quantity-225	Bidder observed that In the Technical specification the ask is for 300 host licenses to include for cloud meeting, however in the Commercial Annexure IX its mentioned 220 quantity so bidder request to confirm the final quantity to consider for commercial.	Kindly refer to revised Commercial bid, Annexure- IX.
187	Section-B: ELIGIBILITY CRITERIA 1. Minimum Eligibility Criteria (MEC): page-10, Sl. no. 12	The bidder so selected should have the proven capability to perform the entire scope of the assignment without outsourcing the same to any third party.	Bidder request for relaxation as hand & fleet, transport/logistic etc. may involve partners so below consideration is requested. ""The bidder should have the proven capability to perform the entire scope of the assignment. However, outsourcing of non-core components or specialized services such as hand & fleet management, transport logistics, or other operational support may be permitted with prior approval from the Purchaser, provided the bidder remains fully accountable for the delivery, quality, and compliance of the entire solution." "	Please refer to the revised "Eligibility Criteria"
196	MEC Page 10 , Point 6	The bidder should have the necessary licenses as per the law for offering Managed video conferencing services	Could you please clarify what specific licenses are required by law for offering Managed Video Conferencing Services?	Please refer to the revised "Eligibility Criteria"
200	Section E, SOW	Commissioning and maintenance of links at the various locations provided.	locations details missing.	The same has been provided with this corrigendum
207	Page 27, Technical Specifications for Display Unit	Technical Specifications for Display Unit	<p>1.Kindly confirm if the built-in speaker wattage (10W + 10W), A53 Quad Core 1.5 GHz processor, and Mali-G52MC1 GPU are minimum specs or can be exceeded with higher configurations</p> <p>2.Is Android 11 OS with 2 GB RAM and 16 GB storage mandatory, or can newer versions with higher specs be proposed?</p> <p>3.Are all listed ports (HDMI 2.1 x3, USB 2.0 x2, RF IN, DTV IN, Mini AV IN, SPDIF OUT) mandatory for every unit?</p> <p>Please confirm if HDMI CEC, ARC, HDR10, DTS, Dolby MS12 are required on all displays. any higher or better could work?</p>	Higher specifications with over all compatibility may be quoted
208	Commercial NPV	Rentals for 103 inch display as per technical specification	Specifications missing from Documents	Please refer to the revised technical specifications



211	Technical Specifications for Divisional Offices Page 1	It should transmit and receive both participants view and content simultaneously to and fro from the far end location at 1080p 60fps	Request to change as It should transmit and receive both participants view and content simultaneously to and fro from the far end location at 1080p 30fps.	Please refer to the revised "Technical Specifications"
212	Technical Specifications for Divisional Offices Page 1	The system must have the ability to pair mobile devices such as Tablets and Smartphones based on iOS and Android platforms and platforms newly introduced in future so that these devices can be used to share the presentation using mobile device and also permit to : 1)View the Presentaion that is being shown in the VC call. 2)Add and disconnect call. 3)Take snapshot of the presenetation being shown	Request to change as The system must have the ability to pair mobile devices such as Tablets and Smartphones based on iOS and Android platforms and platforms newly introduced in future so that these devices can be used to share the presentation using mobile device. Mobile device should also able to do the following functions while VC device is registered on cloud VC platform. 1)View the Presentaion that is being shown in the VC call. 2)Add and disconnect call. 3)Take snapshot of the presenetation being shown	Please refer to the revised "Technical Specifications"
213	Technical Specifications for Divisional Offices Page 1	Should have at least 2 x HDMI inputs to connect Full HD cameras.	Request to change as below since most of the VC devices are currently come with USB interface. Should have at least 2 x HDMI/USB inputs to connect Full HD cameras.	Please refer to the revised "Technical Specifications"
214	Technical Specifications for Divisional Offices Page 1	Must have 1 additional HDMI inputs to connect two laptops/PC/Camera for presentations supporting upto 4K 30fps Resolution including 1080p 60fps.	<b>Request to correct the typo error for 1 port for 1 laptop.</b> Must have 1 additional HDMI inputs to connect one laptops/PC/Camera for presentations supporting upto 4K 30fps Resolution including 1080p 60fps.	Please refer to the revised "Technical Specifications"
215	Technical Specifications for Divisional Offices Page 1	Should have input to connect directly a laptop/PC for content/presentations at 4K resolution along with audio and video using HDMI/HD interfaces .Suitable connecting cable of 15 meters length for connecting laptop/desktop using HDMI and VGA interfaces should be provided .In case any converters are required for the purpose the same has to be provided by the service provider .	Request to change as below - <b>(removal of VGA port)</b> Should have input to connect directly a laptop/PC for content/presentations at 4K resolution along with audio and video using HDMI/HD interfaces .Suitable connecting cable of 15 meters length for connecting laptop/desktop using HDMI.	Please refer to the revised "Technical Specifications"
216	Technical Specifications for Divisional Offices Page 1	Must have at least 1 USB -C input for Content Sharing @1080p30fps, 4K 15 fps with a cable length of at least 10 meters .	<b>Request to remove this clause.</b> As there is already two options for content sharing i.e with HDMI input port & wireless content sharing in device. We request to remove this clause.	Clause Deleted
217	Technical Specifications for Divisional Offices Page 2	Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices for both Video and Content.(Dual Monitor Support). The codec should support upto 4K 60fps resolution.	Request to change as below <b>since the codec resolution as asked in RFP is 1080 60fps</b> Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices for both Video and Content.(Dual Monitor Support). The codec should support upto 1080p 60fps resolution.	Please refer to the revised "Technical Specifications"
218	Technical Specifications for Divisional Offices Page 2	G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD standard must be supported	Request to change as G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD/ <b>Siren 22</b> standard must be supported	Please refer to the revised "Technical Specifications"
219	Technical Specifications for Divisional Offices Page 2	Should support 6 Microphone inputs to connect 6 microphones . Every microphone must have mute button .	Request to change as Should support 6 Microphones either directly connected to codec or <b>via AV over IP</b> . Every microphone must have mute button .	Please refer to the revised "Technical Specifications"
220	Technical Specifications for Divisional Offices Page 2	Should have at least 6 microphones inputs to connect 6 microphones .	Request to change as Should support 6 Microphones either directly connected to codec <b>or via AV over IP</b> .	Please refer to the revised "Technical Specifications"
221	Technical Specifications for Divisional Offices Page 2	H323/SIP upto 8 Mbps point-to-point.	Request to change as H323/SIP upto <b>6 Mbps</b> point-to-point.	Please refer to the revised "Technical Specifications"
222	Technical Specifications for Divisional Offices Page 2	The PTZ camera must have a Pan range: +/- 170 degrees Tilt range: -20 degrees to +90 degrees	Request to change as The PTZ camera must have a Pan range: +/- 170 degrees Tilt range: -20 degrees to <b>+20 degrees</b>	Please refer to the revised "Technical Specifications"
223	Technical Specifications for Divisional Offices Page 2	The PTZ Camera must have at least 10X optical Zoom and 5X digital Zoom so that the chairperson is captured with Full HD clarity	Request to change as The PTZ Camera must have at least 10X optical Zoom and 5X digital Zoom or <b>12x optical zoom</b> so that the chairperson is captured with Full HD clarity	Please refer to the revised "Technical Specifications"
224	Technical Specifications for Divisional Offices Page 2	When the chairperson is speaking the camera must automatically capture the chairperson and this video must be sent to the far end.	Request to change as When the chairperson is speaking the camera must automatically capture the chairperson and this video must be sent to the far end or <b>there should be a feature to configure a preset in PTZ camera to capture the chairperson.</b>	Please refer to the revised "Technical Specifications"
225	Technical Specifications for Divisional Offices Page 2	Both Cameras must work as part of the Speaker tracking solution such that when the chairperson is speaking then the PTZ camera must zoom in and capture the video of the chairperson.	Request to change as Both Cameras must work as part of the Speaker tracking solution such that when the chairperson is speaking then the PTZ camera must zoom in and capture the video of the chairperson or <b>primary digital camera should support speaker tracking and there should be a feature to configure a preset in PTZ camera to capture the chairperson.</b>	Please refer to the revised "Technical Specifications"

226	Technical Specifications for Divisional Offices Page 3	It should be possible to combine the video from both the main camera and the PTZ camera and send the videos from both the cameras simultaneously as a stitched image.	Request to change as It should be possible to combine the video from both the main camera and the PTZ camera and send the videos from both the cameras simultaneously as a stitched image or <b>as multiple tiles while VC device is registered on cloud VC platform.</b>	Please refer to the revised "Technical Specifications"
228	Technical Specifications for Divisional Offices Page 3	The camera should have the capability to capture the people in the room in Frames mode, such that when there is an empty space between two people, this empty space is removed and the two people are shown in two different frames with a virtual line between these two people. The Frames mode must support at least 4 frames and should maintain spatiality of the room such that a person on the left is always seen on the left and the one on right is always seen on the right side.	Request to change as The camera should have the capability to capture the people in the room in Frames mode, such that when there is an empty space between two people, this empty space is removed and the two people are shown in two different frames with a virtual line between these two people. <b>The Frames mode must support at least 4 frames/6 frames.</b>	Please refer to the revised "Technical Specifications"
229	Technical Specifications for Divisional Offices Page 3	Should have at least 80 degrees horizontal field of view.	Request to change as Should have at least <b>70 degrees</b> horizontal field of view.	Please refer to the revised "Technical Specifications"
231	Technical Specifications for Divisional Offices Page 3	Should support built-in Multiconference capability to connect at least 1+3 sites at 720p 30fps in a continuous presence mode. The necessary licenses should be provisioned for the same	Request to remove this clause Technology is moving towards cloud, to have a consistent user experience it is better to leverage on premise video bridge or cloud video bridge	Clause Deleted
232	Technical Specifications for Divisional Offices Page 3	All sites must be visible in a continuous presence mode with rate matching and transcoding such that different sites may connect at different speeds and protocols and still maintain a resolution of at least 720p	Request to remove this clause as this is linked to the built in multi conference capability of the device. Technology is moving towards cloud, to have a consistent user experience it is better to leverage on premise video bridge or cloud video bridge	Clause Deleted
233	Technical Specifications for Divisional Offices Page 3	The Touch Interface should be able to provide Room information such as display Room Temperature, humidity, air quality, ambient light etc	Request to kindly remove this clause. As this is not available in most of the standard VC devices.	Clause Deleted
236	Technical Specifications for Completely Integrated Unit Page 4	The system should be an integrated system with Codec, Dual HD 1080p camera, Mic, Touch Panel, cables (including power cables), Two 85" LCD/LED and a floor mount kit.	Request to change the clause as below - The system should be an integrated system with Codec, Dual HD 1080p camera, Mic, Touch Panel, cables (including power cables) <b>and 3rd party two 85" LCD/LED display and accessories, kit for floor / wall mount.</b>	Please refer to the revised "Technical Specifications"
237	Technical Specifications for Completely Integrated Unit Page 4	The 85" screens (two), codec, cameras, microphones, floor/wall mounted kit should be from same OEM with a single OEM part code. The system should not be a locally fabricated unit.	Request to change the clause as below - The Codec, cameras, microphones should be from <b>same OEM. With reputed 3rd party 85" Screens (two) and floor / wall mount kit.</b>	Please refer to the revised "Technical Specifications"
239	Technical Specifications for Completely Integrated Unit Page 4	Must have a total of at least 3 HD inputs. The system should support 2 HD Cameras (1080P) and 2 PC Inputs (One HDMI and one DVI/VGA) for presentation sharing	Request to change as below <b>since DVI/VGA are outdated ports</b> - Must have a total of at least 3 HD inputs. The system should support 2 HD Cameras (1080P) and 1 PC Inputs (One HDMI) for presentation sharing	Please refer to the revised "Technical Specifications"
240	Technical Specifications for Completely Integrated Unit Page 5	Should have input to connect directly a laptop/PC for content/presentations at 4K resolution along with audio and video using HDMI/HD interfaces. Suitable connecting cable of 15 meters length for connecting laptop/desktop using HDMI and VGA interfaces should be provided. In case any converters are required for the purpose the same has to be provided by the service provider.	Request to change as below - <b>(removal of VGA port)</b> Should have input to connect directly a laptop/PC for content/presentations at 4K resolution along with audio and video using HDMI/HD interfaces. Suitable connecting cable of 15 meters length for connecting laptop/desktop using HDMI.	Please refer to the revised "Technical Specifications"
241	Technical Specifications for Completely Integrated Unit Page 5	Must have at least 1 USB -C input for Content Sharing @1080p30fps, 4K 15 fps with a cable length of at least 10 meters	<b>Request to remove this clause.</b> As there is already two options for content sharing i.e with HDMI input port & wireless content sharing in device. We request to remove this clause.	Clause Deleted
242	Technical Specifications for Completely Integrated Unit Page 5	Should support G.711, G.722, G.722.1, 64 kbps 20KHz MPEG-4 AAC-LD or equivalent standards.	Request to change as G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD/ <b>Siren 22</b> standard must be supported	Please refer to the revised "Technical Specifications"
243	Technical Specifications for Completely Integrated Unit Page 5	Should have at least 6 microphones inputs to connect 6 microphones	Request to change as Should support 6 Microphones either directly connected to codec <b>or via AV over IP.</b>	Please refer to the revised "Technical Specifications"
244	Technical Specifications for Completely Integrated Unit Page 5	Built-in wide band audio speaker and amplifier system to the far end audio and line-in audio. No external audio system is acceptable. The unit must provide a sound output of at least 200W	Request to change as below - Built-in wide band audio speaker and amplifier system to the far end audio and line-in audio. No external audio system is acceptable. The unit must provide a sound output of at least 200W <b>OR It should be integrated with external speaker.</b>	Please refer to the revised "Technical Specifications"
246	Technical Specifications for Completely Integrated Unit Page 6	The camera should have the capability to capture the people in the room in Frames mode, such that when there is an empty space between two people, this empty space is removed and the two people are shown in two different frames with a virtual line between these two people. The Frames mode must support at least 4 frames and should maintain spatiality of the room such that a person on the left is always seen on the left and the one on right is always seen on the right side.	Request to change as The camera should have the capability to capture the people in the room in Frames mode, such that when there is an empty space between two people, this empty space is removed and the two people are shown in two different frames with a virtual line between these two people. <b>The Frames mode must support at least 4 frames/6 frames.</b>	Please refer to the revised "Technical Specifications"

247	Technical Specifications for Completely Integrated Unit Page 7	Should have at least 80 degrees horizontal field of view.	Request to change as Should have at least <b>70 degrees</b> horizontal field of view.	Please refer to the revised "Technical Specifications"
250	Technical Specifications for Completely Integrated Unit Page 7	The PTZ camera must have a Pan range: +/- 170 degrees Tilt range: -20 degrees to +90 degrees	Request to change as The PTZ camera must have a Pan range: +/- 170 degrees Tilt range: -20 degrees to <b>+20 degrees</b>	Please refer to the revised "Technical Specifications"
251	Technical Specifications for Completely Integrated Unit Page 7	The PTZ Camera must have at least 10X optical Zoom and 5X digital Zoom so that the chairperson is captured with Full HD clarity.	Request to change as The PTZ Camera must have at least 10X optical Zoom and 5X digital Zoom or <b>12x optical zoom</b> so that the chairperson is captured with Full HD clarity	Please refer to the revised "Technical Specifications"
252	Technical Specifications for Completely Integrated Unit Page 7	When the chairperson is speaking the camera must automatically capture the chairperson and this video must be sent to the far end.	Request to change as When the chairperson is speaking the camera must automatically capture the chairperson and this video must be sent to the far end or <b>there should be a feature to configure a preset in PTZ camera to capture the chairperson.</b>	Please refer to the revised "Technical Specifications"
253	Technical Specifications for Completely Integrated Unit Page 7	Both Cameras must work as part of the Speaker tracking solution such that when the chairperson is speaking then the PTZ camera must zoom in and capture the video of the chairperson.	Request to change as Both Cameras must work as part of the Speaker tracking solution such that when the chairperson is speaking then the PTZ camera must zoom in and capture the video of the chairperson or <b>primary digital camera should support speaker tracking and there should be a feature to configure a preset in PTZ camera to capture the chairperson.</b>	Please refer to the revised "Technical Specifications"
254	Technical Specifications for Completely Integrated Unit Page 7	It should be possible to combine the video from both the main camera and the PTZ camera and send the videos from both the cameras simultaneously as a stitched image.	Request to change as It should be possible to combine the video from both the main camera and the PTZ camera and send the videos from both the cameras simultaneously as a stitched image or <b>as multiple tiles while VC device is registered on cloud VC platform.</b>	Clause Deleted
255	Technical Specifications for Completely Integrated Unit Page 8	The video endpoint should be accompanied with Power Cable, LAN Cable, DVI to VGA Cable, Power adaptors if any, DVI to HDMI cables , HDMI to HDMI Cables	Request to change as ( <b>DVI / VGA as outdated port</b> ) The video endpoint should be accompanied with Power Cable, LAN Cable, Power adaptors if any, , HDMI to HDMI Cables	Please refer to the revised "Technical Specifications"
256	Technical Specifications for Completely Integrated Unit Page 8	Should support built-in Multiconference capability to connect at least 1+4 sites at 720p30fps in a continuous presence mode. The licenses should be provisioned from day one .	Request to remove this clause Technology is moving towards cloud, to have a consistent user experience it is better to leverage on premise video bridge or cloud video bridge	Clause Deleted
257	Technical Specifications for Completely Integrated Unit Page 8	All sites must be visible in a continuous presence mode with support for dynamic bandwidth allocation still maintain a resolution of at least 720p	Request to remove this clause as this is linked to the built in multi conference capability of the device. Technology is moving towards cloud, to have a consistent user experience it is better to leverage on premise video bridge or cloud video bridge	Clause Deleted
258	Technical Specifications for Completely Integrated Unit Page 8	The Touch Interface should be able to provide Room information such as display Room Temperature, humidity, air quality, ambient light etc	Request to kindly remove this clause. As this is not available in most of the standard VC devices.	Clause Deleted
260	Technical Specifications for Interactive Collaboration Devices Page 21	The system should be an integrated system with Codec, Dual or more 4K Cameras, Built-in Microphone, Cables and Power Supply and 75" Touch 4K LCD/LED Screen.	Request to change as The system should be with Codec, 4K Cameras, Built-in Microphone, Cables and Power Supply and 75" Touch 4K LCD/LED Screen.	Please refer to the revised "Technical Specifications"
261	Technical Specifications for Interactive Collaboration Devices Page 21	75" screen, Codec, 4K Camera, built-in Microphones and Mounting kit should be from same OEM with a single OEM part code. The system should not be a locally fabricated unit.	Request to change the clause as below - The Codec, 4K Camera, built-in microphones should be from same OEM. With reputed 3rd party 75" Screens and mounting kit.	Please refer to the revised "Technical Specifications"
267	Technical Specifications for Interactive Collaboration Devices Page 21	One HDMI input with support for formats up to maximum 4K (3840 x 2160) at 30 fps to connect PC/Laptop.	Request to change as One HDMI input with support for formats up to maximum 4K (3840 x 2160) at <b>15 fps</b> to connect PC/Laptop.	Please refer to the revised "Technical Specifications"
268	Technical Specifications for Interactive Collaboration Devices Page 21	Should have another USB-C DisplayPort up to 3840 x 2160p60 (4kp60)	Request to change as Should have another USB-C DisplayPort up to 3840 x 2160p60 (4kp60) / <b>HDMI Port 3840 x 2160p60 (4kp30)</b>	Please refer to the revised "Technical Specifications"
269	Technical Specifications for Interactive Collaboration Devices Page 21	Must have a Built-in Display and atleast 1 HDMI output to connect additional 3rd display. The second monitor must support the following modes:	Must have a Built-in Display and atleast 1 HDMI output to connect additional 3rd display or <b>the device should support dual display</b> . The second monitor must support the following modes:	Please refer to the revised "Technical Specifications"
274	Technical Specifications for Interactive Collaboration Devices Page 22	Should have a built-in microphone 12-element microphone array (with intelligent voice tracking).	Request to change as below. The inbuilt microphone of proposed solution has 20 feet pick up range thus will not affect the desired performance - Should have a built-in microphone <b>4-element microphone array</b> (with intelligent voice tracking).	Please refer to the revised "Technical Specifications"
275	Technical Specifications for Interactive Collaboration Devices Page 22	Should have additional 2 analog input to connect 2 mic from day one. 2 mic need to be delivered from day one	Request to change as Should support 2 mic <b>either directly connected to codec or via AV over IP</b> . 2 mic need to be delivered from day one	Please refer to the revised "Technical Specifications"

277	Technical Specifications for Interactive Collaboration Devices Page 22	System should have 1 additional audio output port of 3.5 mm, and USB-C output	Request to change as System should have 1 additional audio output port of 3.5 mm/ USB output	Please refer to the revised "Technical Specifications"
279	Technical Specifications for Interactive Collaboration Devices Page 23	Should support atleast 80 degrees horizontal field of view and minimum 12 MP image sensor with 1/2.3" CMOS	Request to change as Should support atleast 80 degrees horizontal field of view and minimum 12 MP image sensor.	Please refer to the revised "Technical Specifications"
280	Technical Specifications for Interactive Collaboration Devices Page 23	Should Support built-in Multiconference capability to connect at least 1+4 sites at 720p in a continuous presence mode. This feature should be made available by adding license in future.	Request to remove this clause Technology is moving towards cloud, to have a consistent user experience it is better to leverage on premise video bridge or cloud video bridge	Clause Deleted
283	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices such as plasma and projectors for both Video and Content.(Dual Monitor Support). Resolution upto 4K60fps	Request to change as Should have at least 2 no.'s of HDMI output to connect Full High Definition display devices such as plasma and projectors for both Video and Content.(Dual Monitor Support). <b>Resolution 1080p60fps or higher</b>	Please refer to the revised "Technical Specifications"
284	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Should have a digital input (HDMI/DVI) to connect PC/ Laptop directly to the Video conferencing system and display resolutions upto 4K30fps and 1080p60fps	Request to change as Should have a digital input (HDMI/DVI) to connect PC/ Laptop directly to the Video conferencing system and display resolutions 1080p60fps <b>or higher</b>	Please refer to the revised "Technical Specifications"
285	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD standard must be supported.	Request to change as G.711, G.722, G.722.1, 64 kbps MPEG-4 AAC-LD/ <b>Siren 22</b> standard must be supported	Please refer to the revised "Technical Specifications"
286	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Should support 2 Microphone inputs. One Mic should be supplied day one	Request to change as Should support 2 mic <b>either directly connected to codec or via AV over IP</b> . One mic need to be delivered from day one	Please refer to the revised "Technical Specifications"
287	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Should support built-in multiconference capability to connect at least 1+3 sites at 720p30fps in a continuous presence mode. This should be available by adding a license key in future.	Request to remove this clause Technology is moving towards cloud, to have a consistent user experience it is better to leverage on premise video bridge or cloud video bridge	Clause Deleted
288	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	H.323/SIP/VoIP in the same conference	We would like to submit that the asked requirement is achievable without inbuilt multisite feature. Thus request to remove header <b>multisite</b> for these features.	Clause Deleted
289	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Must have Individual transcoding for each site so that all the sites can be connected at different bandwidths and different audio and video protocols without affecting the resolution to the other sites.		Clause Deleted
290	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	Support for Presentation (H.239/BFCP) from any participant at resolutions up to 1080p30		Clause Deleted
291	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 28	H.264, Encryption, Dual Stream from any site		Clause Deleted
292	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 29	The Touch Interface should be able to provide Room information such as display Room Temperature, humidity, air quality, ambient light etc.	Request to kindly remove this clause. As this is not available in most of the standard VC devices.	Clause Deleted
293	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 29	Should support at least 120 degrees horizontal field of view and 90 Degrees Vertical FoV	Request to change as Should support at least <b>110 degrees</b> horizontal field of view	Please refer to the revised "Technical Specifications"

294	Technical Specifications Video Conferencing devices for Conference Rooms with Existing Display Page 29	The camera should have the capability to capture the people in the room in Frames mode, such that when there is an empty space between two people, this empty space is removed and the two people are shown in two different frames with a virtual line between these two people. The Frames mode must support at least 4 frames and should maintain spatiality of the room such that a person on the left is always seen on the left and the one on right is always seen on the right side.	Request to change as The camera should have the capability to capture the people in the room in Frames mode, such that when there is an empty space between two people, this empty space is removed and the two people are shown in two different frames with a virtual line between these two people. <b>The Frames mode must support at least 4 frames / 6 Frames.</b>	Please refer to the revised "Technical Specifications"
296	Technical Specifications for On-Prem Video Bridge Page 10	It is required to provide Survivable Call Control functionality so that the survivable system at the remote location i.e. Media Gateway shall provide fall back call control service in case the remote site loses all connectivity to the main Call Control system placed. It is expected that the survivability call control system will provide a minimal set of essential telephony features to the end-users that could be a subset of the feature that are available from the main call control system.	Request to remove this clause as this is part of IP telephony feature	Clause Deleted
297	Technical Specifications for On-Prem Video Bridge Page 10	Support for configuration database (contains system and device configuration information, including dial plan)	Request to remove this clause as this is part of IP telephony feature	Clause Deleted
299	Technical Specifications for On-Prem Video Bridge Page 11	IP Phones should not support direct, external initiated, connections via HTTP, telnet, FTP, TFTP or any other protocol as means to prevent distributed Denial of Service attack exploitation, except those required for routine firmware upgrades.	Request to remove this clause as this is part of IP telephony feature	Clause Deleted
300	Technical Specifications for On-Prem Video Bridge Page 11	The system should support complete encryption capabilities with the ability to encrypt all traffic (media and call control signalling) between IP phones, softphones, call controllers, gateways and all other associated endpoints using a strong encryption algorithm (AES, IPSec and SRTP, for example).	Request to change as The system should support complete encryption capabilities with the ability to encrypt all traffic (media and call control signalling) between softphones, call controllers, gateways and all other associated endpoints using a strong encryption algorithm (AES and SRTP, for example).	Please refer to the "Revised Technical Specifications"
301	Technical Specifications for On-Prem Video Bridge Page 11	All management traffic between the remote console/session and control server should be encrypted (SSH for Direct Command Line Sessions, Interface, HTTPS (SSL) for Web Sessions, SFTP for File Transfer Etc.).	Request to change as All management traffic between the remote console/session and control server should be encrypted (SSH for Direct Command Line Sessions, Interface, HTTPS (SSL) for Web Sessions.	Please refer to the "Revised Technical Specifications"
302	Technical Specifications for On-Prem Video Bridge Page 12	The call control system should provide integrated video telephony features to the users so that user with IP Phone / Soft phone and video telephony end point should be able to place video calls with the same user model as audio calls.	Request to change as The call control system should provide integrated video telephony features to the users so that user with Soft phone and video telephony end point should be able to place video calls.	Please refer to the "Revised Technical Specifications"
303	Technical Specifications for On-Prem Video Bridge Page 12	The users should be able to transfer video calls as audio calls	Request to remove this clause as this is part of IP telephony feature	Clause Deleted
304	Technical Specifications for On-Prem Video Bridge Page 12	SIP Video endpoints which should inherit the functionality of audio calls which gives the user the same call model for both video and audio calls.	Request to remove this clause as this is part of IP telephony feature	Clause Deleted
306	Technical Specifications for On-Prem Video Bridge Page 12	All components should be from same OEM for better interop and integration.	Request to remove this clause The MCU features are achievable with our proposed solution which has involved multiple OEM. Thus request to remove the clause.	Please refer to the "Revised Technical Specifications"
307	Technical Specifications for On-Prem Video Bridge Page 12	Hardware and Software of the MCU Solution should be from same OEM	Request to remove this clause The MCU features are achievable with our proposed solution which has involved multiple OEM. Thus request to remove the clause.	Please refer to the "Revised Technical Specifications"
308	Technical Specifications for On-Prem Video Bridge Page 14	The MCU must be a secure Non-PC Hardware with a strong operating system. The Hardware and software must be from the same OEM.	Request to change as The MCU must be a secure Non-PC Hardware with a strong operating system. The MCU features are achievable with our proposed solution which has involved multiple OEM. Thus request to remove the clause.	Please refer to the "Revised Technical Specifications"
310	Technical Specifications for On-Prem Video Bridge Page 14	The Recording System shall be compatible and integrate with proposed MCU and should be from same OEM. The MCU management should have Recording Button, which should start and stop the recording.	Request to change as - The Recording System shall be compatible and integrate with proposed MCU. The MCU management should have Recording Button / should have provision to start and stop the recording.	Please refer to the "Revised Technical Specifications"
311	Eligibility Criteria Section B, Point No 4	Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for <b>125</b> different sites (in different geographical locations) Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).	Request to change the numbers from 125 sites to 100 sites	Please refer to revised Eligibility Criteria.

314	LIC-CO/IT-DT/NW/RFP/2025-26/01 Technical Specifications for Cloud Video Bridge <a href="#">Sr.NO.2</a>	The VC devices must register to the Collaboration Platform is a easy and intuitive method such that the Cloud Collaboration Platform must provide Registration, Admission and Control -RAS for the VC devices.	This is a Signalling methodology for Registration to gatekeeper in legacy H323 architecture. Cloud services provides native registration services and it is different for different vendors. Request to change as The VC devices must register to the Collaboration Platform is a easy and intuitive method.	Please refer to the revised "Tech"
317	LIC-CO/IT-DT/NW/RFP/2025-26/01 Technical Specifications for Cloud Video Bridge <a href="#">Sr.NO.6</a>	Inventory of all the devices registered onto the platform. This data must include the sl.no. of the codec, sl.no. of the peripherals such as cameras , Microphones etc.	Request to change as Inventory of all the devices registered onto the platform. This data must include the sl.no. of the codec & Touch Control.	Please refer to the revised "Tech"
326	Section B: Eligibility Criteria 1. Minimum Eligibility Criteria (MEC) Point No. 4 on Page No. 9	Bidder must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last 5 financial years preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)  Out of these clients, at least 2 orders should be of values greater than INR 10 Crore (either single or clubbed for the same customer).  *Similar project means the implementation of Room based Video Conferencing solution and associated central infrastructure Multi point Control Unit (MCU) / Installation and integration of Audio-Video Solutions Comprising Microphones, Camera, Switches, Control processors, Digital Signal Processor (DSP), speakers, Display Screens, Codec etc.	Request you to kindly change the Clause to: A bidder/subsidiary company/holding company must have installed, commissioned maintained and supported at least 3 clients globally/India for Managed Video Conferencing Solution or similar project in the last <b>7 financial years</b> preceding the date of the RFP. Out of these three clients at least one order should be of providing managed video services for 125 different sites (in different geographical locations)  Out of these clients, at least 2 orders should be of values greater than <b>INR 5 Crore</b> (either single or clubbed for the same customer).  *Similar project means the implementation of Room based Video Conferencing solution and associated central infrastructure Multi point Control Unit (MCU) / Installation and integration of Audio-Video Solutions Comprising Microphones, Camera, Switches, Control processors, Digital Signal Processor (DSP), speakers, Display Screens, Codec etc.  Here, we have asked for inclusion of Subsidiary company as our Purchase Orders for Video Conferencing Solution are on our 100% Subsidiary Company <b>Bharti Airtel Services Limited</b> whereas here in LIC we will be bidding through our Parent Company <b>Bharti Airtel Limited</b> which has Category-A (class-A from DoT, Government of India) <u>Telecom service provider Licenses</u>	Kindly refer to revised Eligibility Criteria
327	Section-G: Service Level Agreement (SLA), Point Penalties for Downtime Page No. 34	Level of Video uptime per month 1. Committed SLA>=99.90 % - NIL Penalty 2. >=99.40% but <99.90% - 7.5% of Quarterly Charges for the site 3. >=98.90% but <99.40% - 15 % of Quarterly Charges for the site 4. >=98.40% but <98.90% - 20% of Quarterly Charges for the site 5. >=97.90% but <98.40% - 25 % of Quarterly Charges for the site 6. <97.90 % - 30 % of Quarterly charges for the site and LIC also reserves  the right to terminate the contract.	Request you to kindly change the Clause to: 1. Committed SLA>=99.50 % - NIL Penalty 2. >=99.00% but <99.50% - <b>1%</b> of Quarterly Charges for the site 3. >=98.50% but <99.00% - <b>2 %</b> of Quarterly Charges for the site 4. >=98.00% but <98.50% - <b>3%</b> of Quarterly Charges for the site 5. >=97.50% but <98.00% - <b>5%</b> of Quarterly Charges for the site 6. <97.50 % - <b>10%</b> of Quarterly charges for the site and LIC also reserves  the right to terminate the contract.	Kindly refer to revised SLA.
328	Technical Specifications for Links, Pages 24	Uptime - 99.99% per month	Request you to kindly change the Clause to: Uptime - <b>99.50%</b> per month	Kindly refer to revised SLA.