

Corrigendum - NHB/ITD/RFP-VideoConferenceSolution/ 3091/2021 - Request for proposal (RFP) for Procurement of Video Conference Solution

S. No.	Page No.	Section	Name of Section	Original RFP Clause/Text	Revised/New RFP Clause/Text		
1	9	3.3	Cost of RFP	Price of the tender/RFP has been fixed at ₹25,000/- . Bidder has to necessarily deposit ₹25,000/- (Rupees Twenty Five Thousand only). Account details are mentioned below. The proof of payment shall be submitted in the “Technical Proposal” envelope only.	Price of the tender/RFP has been fixed at ₹25,000/-. Bidder has to necessarily deposit ₹25,000/- (Rupees Twenty Five Thousand only). Account details are mentioned below. The proof of payment shall be submitted in the “Technical Proposal” envelope only. Registered MSEs (Micro and Small Enterprises) shall be exempted from payment of cost of RFP subject to submission of valid registration certificate.		
2	27	7	Project Schedule	Delivery of hardware, software, licenses etc.	4-6 weeks	Delivery of hardware, software, licenses etc.	8-10 weeks
				Project Completion at all locations i.e. installation, commissioning, integration, testing of VC solution	6-8 weeks	Project Completion at all locations i.e. installation, commissioning, integration, testing of VC solution	10-12 weeks
3	27	7	Project Schedule	Bidder to implement the solution within EIGHT WEEKS FROM THE DATE OF WORK ORDER.	Bidder to implement the solution within TWELVE WEEKS FROM THE DATE OF WORK ORDER.		

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				Criteria	Documents to be submitted with this RFP	Criteria	Documents to be submitted with this RFP
4	30	8.2	Minimum Eligibility Criteria				
				The Bidder should have experience of already successfully implementing proposed MCU based VC Solution in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization in India. Implemented Solution should not be more than 5 Years old. The bidder should submit details like name of contact person, along with his phone number for above projects.	The Bidder has to provide order copy/reference letter in their name from Public Sector Bank/Financial Institution/ PSU/ Government organization	The Bidder should have experience of already successfully implementing proposed MCU based VC Solution in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates in India. Implemented Solution should not be more than 5 Years old. The bidder should submit details like name of contact person, along with his phone number for above projects.	The Bidder has to provide order copy/reference letter in their name from Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates
5	30	8.2	Minimum Eligibility Criteria	Criteria	Documents to be submitted with this RFP	Criteria	Documents to be submitted with this RFP

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				<p>The Bidder/OEM should have successfully implemented VC Solution integrated with MS Teams in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization in India. The bidder should submit details like name of contact person, along with his phone number for above projects.</p>	<p>The Bidder has to provide order copy/reference letter in their name from Public Sector Bank/Financial Institution/ PSU/ Government organization</p>	<p>The Bidder/OEM should have successfully implemented VC Solution integrated with MS Teams in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates in India. The bidder should submit details like name of contact person, along with his phone number for above projects.</p>	<p>The Bidder has to provide order copy/reference letter in their name from Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates</p>
6	30	8.2	Minimum Eligibility Criteria	<p>Criteria</p>	<p>Documents to be submitted with this RFP</p>	<p>Criteria</p>	<p>Documents to be submitted with this RFP</p>
				<p>The Bidder should have successfully implemented VC Solution in at least one Public Sector</p>	<p>The Bidder has to provide Purchase order copy, Installation and Satisfactory Report</p>	<p>The Bidder should have successfully implemented VC Solution in at least one Public Sector</p>	<p>The Bidder has to provide Purchase order copy, Installation and Satisfactory</p>

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S. No.	Page No.	Section	Name of Section	Original RFP Clause/Text	Revised/New RFP Clause/Text
				<p>Bank/Financial Institution/ PSU/ Government organization in India as follows:- One Single Contract for Video Conferencing Solution Valuing 1.25 Crores Or Two Contracts for Video Conferencing Solution Valuing 1 Crore Or Three Contracts for Video Conferencing Solution Valuing 75 Lakhs Implemented Solutions should not be more than 5 Years old. The bidder should submit details like name of contact person, along with his phone number for</p>	<p>Bank/Financial Institution/ PSU/ Government organization/ Large Corporate in India as follows:- One Single Contract for Video Conferencing Solution Valuing 1.25 Crores Or Two Contracts for Video Conferencing Solution Valuing 1 Crore Or Three Contracts for Video Conferencing Solution Valuing 75 Lakhs Implemented Solutions should not be more than 5 Years old. The bidder should submit details like name of contact person, along with his phone number for</p>

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				Bank, however payment of 100% of total Hardware & Software cost will be made after project sign-off, in case 60% payment is not claimed as per point 1 mentioned above.		Ownership [Z] in Annexure 'K') subject to submission of PBG of equal value with a validity of 3 months. The same is required to be renewed consecutively for 3 months, in case the project sign off gets delayed. <ul style="list-style-type: none"> • 20% of total Hardware & Software cost (Refer para Total Cost of Ownership [Z] in Annexure 'K') after project sign-off subject to satisfaction of the Bank, however payment of 100% of total Hardware & Software cost will be made after project sign-off, in case 80% payment is not claimed as per point 1 mentioned above. 	
11	50	-	Annexure 'D'- (Minimum Eligibility Criteria)	Criteria	Documents to be submitted with this RFP	Criteria	Documents to be submitted with this RFP
				The Bidder should have experience of already successfully implementing proposed MCU based VC Solution in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization in India. Implemented Solution	The Bidder has to provide order copy/reference letter in their name from Public Sector Bank/Financial Institution/ PSU/ Government organization	The Bidder should have experience of already successfully implementing proposed MCU based VC Solution in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates in India.	The Bidder has to provide order copy/reference letter in their name from Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates

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				should not be more than 5 Years old. The bidder should submit details like name of contact person, along with his phone number for above projects.		Implemented Solution should not be more than 5 Years old. The bidder should submit details like name of contact person, along with his phone number for above projects.	
12	51	-	Annexure 'D'- (Minimum Eligibility Criteria)	<p>Criteria</p> <p>The Bidder/OEM should have successfully implemented VC Solution integrated with MS Teams in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization in India. The bidder should submit details like name of contact person, along with his</p>	<p>Documents to be submitted with this RFP</p> <p>The Bidder has to provide order copy/reference letter in their name from Public Sector Bank/Financial Institution/ PSU/ Government organization</p>	<p>Criteria</p> <p>The Bidder/OEM should have successfully implemented VC Solution integrated with MS Teams in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates in India. The bidder should submit details like name of contact person, along with his</p>	<p>Documents to be submitted with this RFP</p> <p>The Bidder has to provide order copy/reference letter in their name from Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates</p>

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				phone number for above projects.		phone number for above projects.	
13	51	-	Annexure 'D'- (Minimum Eligibility Criteria)	<p>Criteria</p> <p>The Bidder should have successfully implemented VC Solution in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization in India as follows:- One Single Contract for Video Conferencing Solution Valuing 1.25 Crores Or Two Contracts for Video Conferencing Solution Valuing 1 Crore Or Three Contracts for Video Conferencing</p>	<p>Documents to be submitted with this RFP</p> <p>The Bidder has to provide Purchase order copy, Installation and Satisfactory Report from Public Sector Bank/Financial Institution/ PSU/ Government organization</p>	<p>Criteria</p> <p>The Bidder should have successfully implemented VC Solution in at least one Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporate in India as follows:- One Single Contract for Video Conferencing Solution Valuing 1.25 Crores Or Two Contracts for Video Conferencing Solution Valuing 1 Crore Or Three Contracts for Video Conferencing</p>	<p>Documents to be submitted with this RFP</p> <p>The Bidder has to provide Purchase order copy, Installation and Satisfactory Report from Public Sector Bank/Financial Institution/ PSU/ Government organization/Large Corporates</p>

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				Solution Valuing 75 Lakhs Implemented Solutions should not be more than 5 Years old. The bidder should submit details like name of contact person, along with his phone number for above projects and Value etc.	Solution Valuing 75 Lakhs Implemented Solutions should not be more than 5 Years old. The bidder should submit details like name of contact person, along with his phone number for above projects and Value etc.
14	52	-	Minimum Eligibility Criteria	Bidders should have a minimum annual turnover of Rs. 100 Crores for the last three financial years 2017-18, 2018-19, 2019-20. The bidder should have positive net worth during the last 3 financial years.	Bidders should have a minimum annual turnover of Rs. 50 Crores for the last three financial years 2017-18, 2018-19, 2019-20. The bidder should have positive net worth during the last 3 financial years.
15	53	-	Minimum Eligibility Criteria	Bidder should have valid ISO 9001:2015 and ISO 27001:2013 certificate	Bidder should have valid ISO 9001:2015 certificate
16	55	1	Package	Full HD 1080p60 PTZ Camera, Codec, Microphone Array, Cables and Wireless Remote Control	Full HD 1080p60 PTZ Camera, Codec, Microphone Array, Cables and Wireless Remote Control/Touch Panel
17	55	2	Video Standards and Resolutions	It should support interoperability and bandwidth saving using video compression H.261, H.263, H.264 AVC, H.264 SVC, H.264 High Profile/H.265	It should support interoperability and bandwidth saving using video compression H.264 AVC, H.264 High Profile/H.265

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18	55	3	Content Standards and Resolutions	It should transmit both people and content both simultaneously to the far end location at 1080p 60fps	It should transmit both people and content both simultaneously to the far end location at 1080p 30fps or higher
19	55	4	Audio Standards and Features	It should support G.711, G.728, G.729A/G.729AB, G.722, G.722.1, AAC-LD or better It should support 20kHz or better bandwidth with crystal clear audio and stereo sound.	It should support G.711, G.729A/G.729AB, G.722, G.722.1, AAC-LD or better It should support 20kHz or better bandwidth with crystal clear audio
20	56	5	Video and Audio Inputs	1 x RCA/3.5mm stereo line-in	1 x RCA/3.5mm stereo line-in or HDMI
21	56	7	Other Interfaces	2 x USB for software upgrade and connecting external devices	1 x USB or more for software upgrade and connecting external devices
22	56	8	Camera	1/2.4" CMOS Sensor or better The camera should support minimum 10X Optical Zoom, PAN +/-100°, Tilt +20/-30° & minimum 10 camera presets.	1/2.4" / 1/1.7" CMOS Sensor or better The camera should support minimum 10X Optical Zoom, PAN +/-100°, Tilt +20/-20° & minimum 10 camera presets.
23	57	10	Network Features	Auto Gatekeeper Discovery, Auto SIP Registrar Discovery, IP Precedence, Diffserv & QoS with support for H.323 based lost packet recovery	Auto Gatekeeper Discovery, Auto SIP Registrar Discovery, IP Precedence, Diffserv & QoS
24	58	12	Security	Media Encryption (H.323, SIP): AES-128, AES-256	Media Encryption (H.323, SIP): AES-128 or higher
25	58	13	Recording	Facility for recording the conferences should be there. Necessary recording hardware such as HDMI based Recorder must be included in the supplies.	Facility for recording the conferences should be there. Necessary recording hardware such as HDMI/USB/IP based Recorder must be included in the supplies.

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26	59	16	Touch Panel	Display: 10-inch screen Viewing angle: 178 degrees	Display: 8-10 inch screen Viewing angle: 34-51 degrees or higher
27	59	1	Package	It should be endpoint device with Integrated Microphones, Speakers, Camera and Wireless Remote Control/Touch Control Panel	It should be endpoint device with Integrated Microphones, Speakers, Camera and Wireless Remote Control/Wireless Touch Control Panel
28	60	4	Audio Standards and Features	It should support G.711, G.728, G.729A, G.722, G.722.1, AAC-LD or better. It should support 20kHz or better bandwidth with crystal clear audio and stereo sound.	It should support G.711, G.729A/G.729AB, G.722, G.722.1, AAC-LD or better It should support 20kHz or better bandwidth with crystal clear audio
29	61	8	Network Features	Auto Gatekeeper Discovery, Lost Packet Recovery (LPR) technology/Packet loss-based downspeeding, IP Precedence and DiffServ, Configurable MTU size	Auto Gatekeeper Discovery, Lost Packet Recovery (LPR) technology, IP Precedence and DiffServ, Configurable MTU size
30	61	9	Security	Media Encryption (H.323, SIP): AES 128, AES 256	Media Encryption (H.323, SIP): AES 128 or higher
31	62	5	Native Contrast Ratio	(3000:1)	(1100:1 or higher)
32	62	7	Haze percentage for Lesser Reflection of Light	44% or Higher	25% or Higher/Anti Reflection and Anti Glare (OEM to declare the Haze percentage in such case)
33	62	9	File Support	Direct viewing of PPT, Word ,PDF, Images and video from pen drive	Direct viewing of PPT, Word ,PDF, Images and video from pen drive or any external

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					device/ media player (to be provided by the bidder)
34	63	12	Inputs	DVI-D-(1) , Display Port 1.2 (1), HDMI-2, USB-2, Stereo mini jack	DVI-D/HDMI-(1) , Display Port 1.2/HDMI (1), HDMI-2, USB-1 or more, Stereo mini jack
35	63	16	Processor	Coretex A72 1.7 GHz Quad-Core CPU	Cortex 1.1 GHz or higher Quad-Core CPU
36	63	19	Bezel width maximum	20 mm or less	As per OEM
37	63	20	Special	Inbuilt media player , IP5X rating , wifi and bluetooth, Auto source switching & recovery, Inbuilt Remote desktop protocol, Inbuilt office 365 login access	Inbuilt media player , IP5X rating , wifi and bluetooth, Auto source switching & recovery, Inbuilt Remote desktop protocol, Inbuilt office 365 login access or through any external device/media player (to be provided by the bidder)
38	63	21	Certifications	BIS, UL, FCC, CE	For Displays Manufactured in India (Declaration to be provided by OEM): BIS For Displays Manufactured outside India: BIS, FCC, UL, CE
39	63	-	Native Contrast Ratio	(4000:1)	(1100:1 or higher)
40	64	-	Haze percentage for Lesser Reflection of Light	44% or Higher	25% or Higher/Anti Reflection and Anti Glare (OEM to declare the Haze percentage in such case)

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41	64	-	File Support	Direct viewing of PPT, Word ,PDF, Images and video from pen drive	Direct viewing of PPT, Word ,PDF, Images and video from pen drive or any external device/ media player (to be provided by the bidder)
42	64	-	Inputs	DVI-D-(1) , Display Port 1.2 (1), HDMI-2, USB-2, Stereo mini jack	DVI-D/HDMI-(1) , Display Port 1.2/HDMI (1), HDMI-2, USB-1 or more, Stereo mini jack
43	64	-	Processor	Coretex A72 1.7 GHz Quad-Core CPU	Cortex 1.1 GHz or higher Quad-Core CPU
44	64	-	Bezel width maximum	13 mm or less	As per OEM
45	64	-	Special	Inbuilt media player , IP5X rating , wifi and bluetooth, Auto source switching & recovery, Inbuilt Remote desktop protocol, Inbuilt office 365 login access	Inbuilt media player , IP5X rating , wifi and bluetooth, Auto source switching & recovery, Inbuilt Remote desktop protocol, Inbuilt office 365 login access or through any external device/media player (to be provided by the bidder)
46	64	-	Certifications	BIS, UL, FCC, CE	For Displays Manufactured in India (Declaration to be provided by OEM): BIS For Displays Manufactured outside India: BIS, FCC, UL, CE
47	65	-	Native Contrast Ratio	(4000:1)	(1100:1 or higher)
48	65	-	Haze percentage for Lesser Reflection of Light	25% or Higher	25% or Higher/Anti Reflection and Anti Glare (OEM to declare the Haze percentage in such case)

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49	65	-	File Support	Direct viewing of PPT, Word ,PDF, Images and video from pen drive	Direct viewing of PPT, Word ,PDF, Images and video from pen drive or any external device/ media player (to be provided by the bidder)
50	65	-	Inputs	DVI-D-(1) , Display Port 1.2 (1), HDMI-2, USB-2, Stereo mini jack	DVI-D/HDMI-(1) , Display Port 1.2/HDMI (1), HDMI-2, USB-1 or more, Stereo mini jack
51	65	-	Processor	Coretex A72 1.7 GHz Quad-Core CPU	Cortex 1.1 GHz or higher Quad-Core CPU
52	66	-	Bezel width maximum	12 mm or less	As per OEM
53	66	-	Special	Inbuilt media player , IP5X rating , wifi and bluetooth, Auto source switching & recovery, Inbuilt Remote desktop protocol, Inbuilt office 365 login access	Inbuilt media player , IP5X rating , wifi and bluetooth, Auto source switching & recovery, Inbuilt Remote desktop protocol, Inbuilt office 365 login access or through any external device/media player (to be provided by the bidder)
54	66	-	Certifications	BIS, UL, FCC, CE	For Displays Manufactured in India (Declaration to be provided by OEM): BIS For Displays Manufactured outside India: BIS, FCC, UL, CE
55	66	-	Native Contrast Ratio	(4000:1)	(1100:1 or higher)
56	66	-	Haze percentage for Lesser Reflection of Light	25% or Higher	25% or Higher/Anti Reflection and Anti Glare (OEM to declare the Haze percentage in such case)

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57	66	-	File Support	Direct viewing of PPT, Word ,PDF, Images and video from pen drive	Direct viewing of PPT, Word ,PDF, Images and video from pen drive or any external device/ media player (to be provided by the bidder)
58	66	-	Inputs	DVI-D-(1) , Display Port 1.2 (1), HDMI-2, USB-2, Stereo mini jack	DVI-D/HDMI-(1) , Display Port 1.2/HDMI (1), HDMI-2, USB-1 or more, Stereo mini jack
59	67	-	Processor	Coretex A72 1.7 GHz Quad-Core CPU	Cortex 1.1 GHz or higher Quad-Core CPU
60	67	-	Bezel width maximum	12 mm or less	As per OEM
61	67	-	Special	Inbuilt media player , IP5X rating , wifi and bluetooth, Auto source switching & recovery, Inbuilt Remote desktop protocol, Inbuilt office 365 login access	Inbuilt media player , IP5X rating , wifi and bluetooth, Auto source switching & recovery, Inbuilt Remote desktop protocol, Inbuilt office 365 login access or through any external device/media player (to be provided by the bidder)
62	67	-	Certifications	BIS, UL, FCC, CE	For Displays Manufactured in India (Declaration to be provided by OEM): BIS For Displays Manufactured outside India: BIS, FCC, UL, CE
63	68	-	Document Camera	Compatible with USB flash drives, expandable to 4TB	Compatible with USB flash drives, expandable to 500 GB