

CO: Information Technology Department

Date: 27.06.2022

Clarifications / Amendments to the RFP Ref: CO/ITD/287/R1/2022-23 dated 26.05.2022 in response to Pre-Bid Queries received - Request for Proposal for Supply, Installation, Commissioning and Maintenance of video conferencing equipment and display units with 3 years warranty and 3 years AMC for the administrative offices under buyback option.

GENERAL QUERIES

Sl. No.	Page No / Section/ Point	Existing Clause in RFP	Amendment Requested	Amendment / Clarification
1	Page-6/Section-I-Request for Proposal (RFP)/Point No. 7	Make in India	<p>Make in India clause will restrict us to participate with leading VC Manufacturers as their manufacturing unit is outside of India. Hence We request committee to relax the Make in India Clause.</p> <p>We need your support to remove /amend the "Make in India" clause to allow us to participate for this RFP</p>	<p><u>Clarification :-</u> Please adhere to the RFP terms.</p>
2	Page-19/Section-III-Conditions of Contract/ Point No. 2	Delivery Schedule and Deliverables from the Bidders: VC endpoints and display units should be delivered within five weeks from the date of Purchase order and installation to be completed within two weeks from the date of delivery or delivery and installation both should be completed within seven weeks from purchase order date.	<p>Delivery Schedule and Deliverables from the Bidders: VC endpoints and display units should be delivered within 45 weeks from the date of Purchase Order and Installation to be completed within four weeks from the date of delivery.</p> <p>This is due to the global shortage of semiconductor no OEM is able to provide the products delivery on time.</p> <p>Delivery Schedule and Deliverables from the Bidders: VC endpoints and display units should be delivered within Six weeks from the date of Purchase order and installation to be completed within four weeks from the date of delivery or delivery and installation both should be completed within Ten weeks from purchase order date.</p> <p>Delivery Schedule and Deliverables from the Bidders: VC endpoints and display units should be delivered within 7 months</p>	<p><u>Amendment :-</u> Delivery Schedule and Deliverables from the Bidders: VC endpoints and display units should be delivered within Eight (8) weeks from the date of Purchase order and installation to be completed within Two (2) weeks from the date of delivery or delivery and installation both should be completed within Ten (10) weeks from purchase order date.</p>

CO: Information Technology Department

Date: 27.06.2022

			<p>from the date of Purchase order and installation to be completed within two weeks from the date of delivery or delivery and installation both should be completed within seven weeks from purchase order date.</p> <p>We would like to inform you that material shortage across the semiconductor industry as well as logistics challenges continue to impact supply chains globally, slowing output across multiple industries from automotive to consumer electronics and beyond. This has resulted in extended lead-times across almost all of our products and extended delivery dates. Our OEM continues to take aggressive action to increase supply lines. Our focus remains on meeting the needs of our customers in this challenging supply chain environment. We will continue to work closely with our network of suppliers and manufacturing partners to improve supply and minimize the impact of extended product lead-times.</p> <p>Delivery Schedule and Deliverables from the Bidders : VC endpoints and display units should be delivered within five weeks 7 months from the date of Purchase order and installation to be completed within two weeks from the date of delivery or delivery and installation both should be completed within seven weeks from purchase order date.</p> <p>We would like to inform you that material shortages across the semiconductor industry as well as logistics challenges continue to impact supply chains</p>	
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CO: Information Technology Department

Date: 27.06.2022

			<p>globally, slowing output across multiple industries from automotive to consumer electronics and beyond. This has resulted in extended lead-times across almost all of our products and extended delivery dates. Our OEM continues to take aggressive action to increase supply lines. Our focus remains on meeting the needs of our customers in this challenging supply chain environment. We will continue to work closely with our network of suppliers and manufacturing partners to improve supply and minimize the impact of extended product lead-times.</p> <p>Delivery period of 16 weeks with additional 2 weeks for installation</p> <p>Due to Global semi conductor shortage, most of the OEM is facing uncertainty with delivery commitment.</p>	
3	Page-20/ Section-III- Conditions of Contract/ Point No. 4-Eligibility Criteria	<p>2. The Bidder should be a profit making company and should have earned Net profit in at least one out of three preceding Financial Years (i.e. year 2019-20, 2020-21, 2021-22)as per the audited Financial Statements*.</p> <p>3. The Bidder should have an average Business Turnover of at least 2.50 Crore during last 3 Financial Years (i.e. 2019-20, 2020-21, 2021-22)*.</p> <p>*If 2021-22 Financial Statements of any bidder is unaudited then Bank would consider the CA Certificate for the provisional financial statements for FY 2021-22 along with an undertaking letter from the bidder that the 2021-</p>	<p>Provisional Financial Statements for the period of 2021-22 is not ready yet by the CA. So, request you to kindly allow us to submit the Financial Statements from the period of 2018-19 to 2020-21.</p>	<p>Clarification :- Please adhere to the RFP terms.</p>

CO: Information Technology Department

Date: 27.06.2022

		22 Statements are not audited.		
4	Page-20/ Section-III- Conditions of Contract/ Point No. 4-Eligibility Criteria	4. The bidder should have supplied at least 55 VC units of offered model or similar class/ model to any Scheduled Commercial Bank/PSU/Financial Institution/Govt. Departments during last three financial years (i.e. 2019-20, 2020-21, 2021-22) put together.	The bidder/OEM should have supplied at least 55 VC units of offered model or similar class/ model to any Scheduled Commercial Bank/PSU/Financial Institution/Govt. Departments during last three financial years (i.e. 2019-20, 2020-21, 2021-22) put together.	Clarification :- Please adhere to the RFP terms.
5	Page-20/ Section-III- Conditions of Contract/ Point No. 4-Eligibility Criteria	7. The Bidder/OEM should have their Own Office /Service support Centre in at least 8 locations out of Allahabad, Bengaluru, Bhubaneswar, Chandigarh, Chennai, Coimbatore, Delhi, Guwahati, Hyderabad, Kolkata, Lucknow, Meerut, Mumbai and Patna. Name and mobile number of service representative/ Postal address of Own Office /Service Center along with proof of address should be provided with the bid.	The Bidder / OEM should have there support centers at Mumbai, Delhi, Bangalore, Chennai, Kolkata and rest places they should have their support engineers, we will share our support engineer details from the mentioned places. The OEM should have spares depot in 4 major metro cities Support center proof of address should be provided for Mumbai, Delhi, Bangalore, Chennai, Kolkata and for reaming locations we have our support engineers, we will share their address proof with required details	Amendment :- 7. The Bidder / OEM should have their Service Support Centres at Mumbai, Delhi, Chennai, Kolkata and Support Centres / Support Engineers at Allahabad, Bengaluru, Bhubaneswar, Chandigarh, Coimbatore, Guwahati, Hyderabad, Lucknow, Meerut and Patna Name and mobile number of Service Representative along with escalation matrix should be provided with the bid.
6	Page-21/ Section-III- Conditions of Contract/ Point No. 4-Eligibility Criteria	8. The Bidder should submit Declaration that the service will be provided within 48 hours.	There are 26 locations in tender; it is difficult to provide service within 48 hours. So, request you to increase the time for service. Service escalation to be resolved or addressed in one week time.	Clarification :- Please adhere to the RFP terms.
7	Page-21/ Section-III- Conditions of Contract/ Point No. 4-Eligibility Criteria	11.The items/Solution proposed should not be due for declaration of 'End of Sale' within 1 year of last date of submission of Bid. Further proposed Items should not be due to reach 'End of Software Support	The Items/Solution proposed should not be due for declaration of 'End of Sale' during submission of Bid. Further proposed Items should not be due to reach 'End of Software Support (EoSS)/End Of Life (EoL)' during the entire duration of the contract.	Clarification :- Please adhere to the RFP terms.

CO: Information Technology Department

Date: 27.06.2022

		(EoSS)/End Of Life (EoL)' during the entire duration of the contract.	The Items/Solution proposed should not be due for declaration of 'End of Sale' during submission of Bid. Further proposed Items should not be due to reach 'End of Software Support (EoSS)/End Of Life (EoL)' during the entire duration of the contract.	
8	Page-21/ Section-III- Conditions of Contract/ Point No. 5-Payment Terms	<p>On Delivery: Eighty (80) % of the price of the equipment delivered at the respective location mentioned in Purchase order will be paid within 30 days of submission of Invoice copy and Proof of delivery duly counter signed by the Bank's Representative, Original/Copy of Transit Insurance Policy and Original of Storage cum erection policy.</p> <p>On Installation: Twenty (20) % of the price of the equipment delivered & installed at the respective location mentioned in Purchase order will be paid on submission of Installation Certificate duly counter-signed by the Bank's Representative.</p> <p>TDS, GST on TDS, LD, Buyback amount will be deducted from the payment, as applicable.</p>	30% advance payment against PBG, 50% against Supply, 20% after successful completion of the project	Clarification :- Please adhere to the RFP terms.
9	Page-22/ Section-III- Conditions of Contract/ Point No. 6-Scope of Work	d. Place of Delivery and Installation of VC endpoints and Display Units will be informed to the supplier in Purchase Order.	<p>Kindly share the place of Delivery and Installation of VC endpoints and Display Units.</p> <p>We can accordingly plan optimum cost of services to be included in the project.</p>	Amendment :- d. Place of Delivery and Installation of VC endpoints and Display Units are: Bahraich, Kolkata, Berhampore (WB), Cuttack, Gurgaon, Jalandhar, Jhansi, Mysore, Nagapattinam,

CO: Information Technology Department

Date: 27.06.2022

				Rajahmundry, Rajkot, Tiruppur, Krishnagiri, Tirupati, Tirunelveli, Guwahati, Cuddalore, Kumbakonam, Salem, Kancheepuram, Vellore, Hubli, Bhubaneswar and Chennai.
10	Page-24/ Section-III- Conditions of Contract/ Point No. 8- Warranty/AMC	g) Supplier has to carry out onsite Preventive Maintenance once in each quarter during warranty and AMC period.	In warranty period there is no need for Preventive Maintenance in each quarter so, request you to kindly change as Supplier has to carry out onsite Preventive Maintenance in every six months during warranty and once in each quarter during warranty AMC period.	Clarification :- Please adhere to the RFP terms.

CO: Information Technology Department

Date: 27.06.2022

TECHNICAL QUERIES

Sl. No.	Page No / Section/ Point	Existing Clause in RFP	Amendment Requested	Amendment / Clarification
1	Page-41/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	1. Package - 4K camera, Min 30fps from 2048kbps, codec, Microphone Array, cables, and Touch Control	Please let us know if Bank needs 1080p resolution video call at 2048kbps. Kindly note that the resolution is dependent on the bandwidth availability Full HD Camera, codec, Microphone Array, cables, and Remote Control/Touch Control. Since codec supports 1080p only 4K Camera will be limited for local viewing only	<u>Amendment :-</u> 1. Package – Full HD(1060p 60fps) camera, Codec, Microphone Array, cables, and Touch Control/Remote Control. Please refer PART I – Revised Functional and Technical Requirements.
2	Page-41/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	2 & 3 - Video Standards and Resolutions - It should support H.264, H.265	Since this tender is published under Make in India policy and to qualify Indian Make available in the market for VC END Point, Kindly delete H.265 protocol, because it is giving preference to few OEM reputed in the market. You can write H.264 or higher to quality other reputed OEM also. It should support H.261 / H.263 / H.264/ H.264 High Profile / H.264 Baseline Profile / H.265 It should support H.264, H.264 High Profile/H.265 It should support H.264, H.264 High Profile/H.265 System should support latest and legacy protocol to connect any legacy based Endpoint.	<u>Amendment :-</u> 2 & 3 - Video Standards and Resolutions: It should support H.264/H.265. Please refer PART I – Revised Functional and Technical Requirements.
3	Page-41/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	4. Video Features : • The system must have the ability to pair with laptop for sending content without any wires to the VC system. • The system must support content sharing through wired mode as well using HDMI cable	Asking wireless screen sharing is also available in few OEMs available in the market. You have added " In case the above feature is not available natively, then additional components (without any additional cost of bank) can be provided to achieve this". Kindly confirm whether we can provide wired screen sharing function.	<u>Amendment :-</u> 4. Video Features : • The system must have the ability to connect/pair with laptop for sending content with or without wires to the VC system. • The system must support content sharing through wired

CO: Information Technology Department

Date: 27.06.2022

		<p>while connecting PC/Laptop.</p> <ul style="list-style-type: none"> • It should also support video & audio from PC/Laptop used for content sharing for both wired and wireless mode. • In case the above feature is not available natively, then additional components (without any additional cost of bank) can be provided to achieve this. 		<p>mode using HDMI cable while connecting PC/Laptop.</p> <ul style="list-style-type: none"> • It should also support video & audio from PC/Laptop used for content sharing through wired or wireless mode. • In case the above feature is not available natively, then additional components (without any additional cost of bank) can be provided to achieve this. <p>Please refer PART I – Revised Functional and Technical Requirements.</p>
4	Page-41/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	5. Video Input Should have at least 1 x HDMI inputs to connect Full HD cameras.	Should have at least 1 x HDMI/HDCI inputs to connect Full HD cameras	<p>Amendment :- 5.Video Input Should have at least 1 x HDMI/equivalent inputs to connect Full HD cameras.</p> <p>Please refer PART I – Revised Functional and Technical Requirements.</p>
5	Page-41/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	<p>5. Video Input :</p> <p>Must have 2 additional HDMI or equivalent inputs to connect two laptops/PC/Camera for presentations supporting up to 4K30fps Resolution including 1080p 60fps.</p> <ul style="list-style-type: none"> • The system must have the ability to pair with laptop for sending content without any wires to the VC system • The system must support content sharing through wired mode as well using PC/Laptop. • It should also support video & audio from PC used for content sharing for both wired and wireless mode. 	<p>4k30fps is preferring to few OEMs. Kindly delete it.</p> <p>Most of the OEM brands on IP/SIP supports 1080p 30fps. Also 4K30fps consumes bandwidth of 2Mbps - 2.5Mbps per call.</p> <p>Must have additional HDMI or equivalent inputs to connect laptops/PC/Camera for presentations supporting up to 1080p60fps</p> <p>Since codec supports 1080p only 4K Content will be limited for local viewing only. Also sending 4K content while video conference going on consumes lot more bandwidth than usual.</p> <p>Must have additional HDMI or equivalent inputs to connect laptops/PC/Camera for presentations supporting up to 1080p60fps.</p>	<p>Amendment :- 5. Video Input : Must have 2 additional HDMI or equivalent inputs to connect two laptops/PC/Camera for presentations supporting minimum Full HD Resolution including 1080p 30fps.</p> <ul style="list-style-type: none"> • The system must have the ability to pair/connect with laptop for sending content with/without any wires to the VC system • The system must support content sharing through wired or wireless mode as well using PC/Laptop. • It should also support video & audio from PC used for content sharing for wired or wireless mode. <p>Please refer PART I – Revised Functional and</p>

CO: Information Technology Department

Date: 27.06.2022

				Technical Requirements.
6	Page-42/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	<p>6. Video Output : 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). The codec should support up to 4K60fps resolution.</p> <p>When not in a VC call, it should be possible to view presentation from two laptops on each of the screen so that users can collaborate.</p>	<p>4k60fps is also preferring to few OEMs. Kindly delete it to qualify other reputed OEM available in the market.</p> <p>Most of the OEM brands on IP/SIP supports 1080p 30fps. Also 4K30fps consumes bandwidth of 2Mbps - 2.5Mbps per call.</p> <p>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). The codec should support up to 1080p60fps resolution</p> <p>Remove clause - “When not in a VC call, it should be possible to view presentation from two laptops on each of the screen so that users can collaborate.”</p> <p>This feature is available particular with one OEM only</p> <p>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). The codec should support up to 1080p30fps resolution.</p> <p>Request for Clarification (for clause - When not in a VC call, it should be possible to view presentation from two laptops on each of the screen so that users can collaborate.) – User can not collaborate screen</p>	<p>Amendment :- 6. Video Output : 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). The codec should support minimum Full HD Resolution including 1080p60fps.</p> <p>When not in a VC call, it should be possible to view presentation from one or more laptops on each of the screen so that users can collaborate.</p> <p>Please refer PART I – Revised Functional and Technical Requirements.</p>

CO: Information Technology Department

Date: 27.06.2022

7	Page-42/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	9. Audio Inputs • Should support 3 Microphone inputs to connect 3 microphones. 3 Mics should be provided from day one. • Microphone should be placed on table top with mute/unmute & on/off indication.	• Should have provision to connect 4 microphone either directly with codec or via daisy chain. 3 Mics should be provided from day one and should be from same OEM. The mute/ Unmute of any one microphone, should activate/ de-activate the microphone mute function on the Codec level and the indication on all the microphone and the codec should be changed accordingly i.e. in case the mute button on Any One microphone is pressed for Mute/ Un-mute, the effect should be at codec level and audio from all the connected/ cascaded microphones should be Muted/ Unmuted. • Microphone should be placed on table top with mute/unmute & on/off indication.	Amendment :- 9. Audio Inputs • Should support minimum 2 Microphone inputs to connect 2 microphones. 2 Mics should be provided from the date of installation and should be from same OEM. • Microphone should be placed on table top with mute/unmute & on/off indication/synchronis ation. • Same facility should be provided in touch control/remote control. Please refer PART I – Revised Functional and Technical Requirements.
8	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	14. H.323/ IP Features - Auto Gatekeeper discovery	Suggest Auto Gatekeeper Discovery / Manual Gatekeeper Discovery Auto/Manual Gatekeeper discovery	Amendment :- 14. H.323/ IP Features - Auto Gatekeeper discovery/ Manual Gatekeeper Discovery. Please refer PART I – Revised Functional and Technical Requirements.
9	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	16.. Encryption of video call : Should support Standards-based: H.235 v3 and AES Encryption via Automatic key generation and exchange The same should be available In a call with Video with presentation (dual video)	Ask Automatic and Manual both. Should support Standards- based: H.235 v3 and AES Encryption via Automatic/Manual key generation and exchange. The same should be available in a call with Video with presentation (dual video)	Amendment :- 16. Encryption of video call : Should support Standards- based: H.235 v3 and AES Encryption via Automatic/Manual key generation and exchange The same should be available In a call with Video with presentation (dual video). Please refer PART I – Revised Functional and Technical Requirements.
10	Page-43/ Section-V/ Part-I -	16.. Encryption of video call : Automatic key generation and	Automatic/Manual key generation and exchange	Amendment :- 16. Encryption of video call : Automatic/Manual key

CO: Information Technology Department

Date: 27.06.2022

	Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	exchange		generation and exchange. Please refer PART I – Revised Functional and Technical Requirements.
11	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	17. Management : System Management using HTTPS and SSH	System Management using HTTPS / SSH / Telnet	Amendment :- 17. Management : System Management using HTTPS or SSH. Please refer PART I – Revised Functional and Technical Requirements.
12	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	18. Camera : Minimum of 15x optical zoom	Suggest to consider Minimum 12x Optical Zoom Minimum of 10x optical zoom	Amendment :- 18. Camera : Minimum of 10x optical zoom. Please refer PART I – Revised Functional and Technical Requirements.
13	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	18. Camera: Each camera should have minimum +20°/-20° tilt, +/- 90° pan	Each camera should have minimum +50°/-20° tilt, +/- 120° pan Request Bank to amend this clause as - A better Pan and Tilt capability will ensure better visibility of the entire room and there will be less amount of Dark Spaces. Each camera should have minimum +50°/-20° tilt, +/- 120° pan Each camera should have minimum PAN :(±130),Tilt:(+90/-25) Request Bank to amend this clause as - A better Pan and Tilt capability will ensure better visibility of the entire room and there will be less amount of Dark Spaces. Each camera should have minimum +50°/-20° tilt, +/- 120° pan	Clarification :- Please adhere to the RFP terms.
14	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/	18. Camera : Should have at least 70 degrees static field of view.	Should have at least 65 degrees static field of view. Should have at least 72.5 degrees static field of view.	Amendment :- 18. Camera : Should have at least 65 degrees static field of view. Please refer PART I –

CO: Information Technology Department

Date: 27.06.2022

	1. Technical Specifications of VC endpoint			Revised Functional and Technical Requirements.
15	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1. Technical Specifications of VC endpoint	19. Directory services		Amendment :- 19. Directory services
		Should support Local and Global directories	Should support Local and Global / Central directories	Should support Local and Global / Central directories.
		Should support LDAP and H.350 protocols for directory transfer.	Should support LDAP and H.350 protocols for directory transfer (Optional) or Remove this clause	Should support preferably LDAP and H.350 protocols for directory transfer. Please refer PART I – Revised Functional and Technical Requirements.
16	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1. Technical Specifications of VC endpoint	20. User Interface In order to provide a good user experience, the unit must be equipped with an intuitive Touch Screen/Panel for controlling the VC unit	In order to provide a good user experience, the unit must be equipped with an intuitive Touch Screen/Panel/Remote Control for controlling the VC unit.	Amendment :- 20. User Interface In order to provide a good user experience, the unit must be equipped with an intuitive Touch Screen/Panel/Remote Control for controlling the VC unit. Please refer PART I – Revised Functional and Technical Requirements.
17	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1. Technical Specifications of VC endpoint	20. User Interface The user should have the ability to select between two presentation sources such as a fixed PC and a laptop from the user interface. Users should also have the ability to share presentation wired/wirelessly.	Request to remove this clause	Amendment :- Clause removed.
18	Page-43/ Section-V/ Part-I - Functional and Technical Requirements/ 1. Technical Specifications of VC endpoint	20. User Interface Must have the capability to integrate with external control systems to control Blinds, Lights, air conditioning using the API's . The User interface must have the necessary icons for controlling the external devices	Request to remove this clause	Amendment :- Clause removed.

CO: Information Technology Department

Date: 27.06.2022

19	Page-44/ Section-V/ Part-I - Functional and Technical Requirements/ 1.Technical Specifications of VC endpoint	21. Inclusions System should be supplied with 3 Nos of HDMI Cables (Minimum 5 meters from same OEM) for connecting displays, Camera Mounting Bracket and content sharing.	Request to remove this clause Different OEM uses different type of cable for connecting Camera	Amendment :- 21. Inclusions System should be supplied with 1 Nos of HDMI/equivalent Cables for connecting Camera and 2 Nos of HDMI for Display and content sharing. Each cable should be minimum 5 meters. Please refer PART I – Revised Functional and Technical Requirements.
20	Page-44/ Section-V/ Part-I - Functional and Technical Requirements/ 2. Technical Specifications of Display units	13. External Control - RS232C(in), RJ45	RS- 232 is no more available in reputed OEM display, everyone OEMs is providing LAN instead of RJ45. So, request you to ask only RJ45	Amendment :- 13. External Control - RS232C(in) / RJ45. Please refer PART I – Revised Functional and Technical Requirements.
21	Page-45/ Section-V/ Part-I - Functional and Technical Requirements/ 2. Technical Specifications of Display units	16. Processor - 1.7GHz Quad-Core CPU or higher	1.7GHz is preferring to single OEM, to qualify other reputed OEM available in the market, Kindly allow 1.1GHz dual core or higher to qualify other reputed OEM.	Amendment :- 16. Processor - 1.1GHz Quad-Core/Dual Core CPU or higher. Please refer PART I – Revised Functional and Technical Requirements.
22	Page-45/ Section-V/ Part-I - Functional and Technical Requirements/ 2. Technical Specifications of Display units	22. IO Ports : USB 2.0	Please Clarify what is mean by IO ports, if its USB inputs then already USB port is mentioned in S.No 11.Please clarify and request you dilute IO ports point here	Clarification :- Both VC device and display unit should have at least one USB 2.0 port or higher.
23	Additional Point	Additional Point	Endpoint should seamlessly work and interoperable with MCU, resource manager & Gatekeeper	New addition :- Endpoint should seamlessly work and interoperable with Bank's existing MCU(poly RMX 2000)resource manager & Gatekeeper. Please refer PART I – Revised Functional and Technical Requirements.