CORRIGENDUM
RFP Reference No.: CSCB/IT/2022/02 dated 22/04/2022
Name of RFP - Supply, Installation, Commissioning and Maintenance of Video Conferencing Solution (Hereafter called "RFP of VC Solution")

Request for Proposal

For

Supply, Installation, Commissioning and Maintenance of Video Conferencing Solution
(Hereafter called "RFP of VC Solution")

RFP Reference No: CSCB/IT/2022/02
RFP Document Fee: Rs.5000/-
EMD Amount: Rs. 2,00,000/-
RFP Document available on bank's website: 22/04/2022 to 19/05/2022
Pre-Bid Query: till 29/04/2022
Last Date for Bid Submission: 19/05/2022, 05:00 PM
Date of Technical Bid Opening: 20/05/2022, 03:00 PM
Date of Commercial Bid opening: 20/05/2022, 04:00 PM

C. Expected Specifications and Configurations of VC solution:

Product specifications & Configuration	Offered VC Solution (Select the Make)	Quantity
Interactive Panel Screen Screen size 75 inch Brightness : 400 nits or better Multi Touch Point : 20 Points (Max.) Interface : HDMI (3), RGB (1), Audio In (1), RS-232C In (1), RJ45 (1), USB 3.0 Type A (1 or more), USB 2.0 Type A (1 or more), Audio Out / Optical Output, Touch USB (2) Panel Technology IPS Back Light Type Direct Aspect Ratio 16:9 Native Resolution-3840x2160 (UHD) Refresh Rate 60Hz or higher HW Internal Memory (32GB), SoC (Quad Core A73+A53 or better), DDR(3GB or more), Wi-Fi (Built-in, Slot type)	LG/ Samsung/ Sony/Panasonic	1
Video Conferencing Solution with following specifications: **Camera** • Smooth motorized pan, tilt and zoom controlled from remote/console/touch panel • Pan +/- 90° or better • Tilt minimum +35° / -15 maximum +35° / -45 • 10x lossless HD zoom/Optical Zoom or better • Field of View ▪ Diagonal: 70° or better • Full HD 1080p 30fps • H.264 / H.265 • Autofocus • 5 camera presets or higher • PTZ capable of capturing the speaker for auto focusing in Conference Cam product (with supported services) • Video mute / unmute functionality / LED indicator • Standard tripod thread **Remote Control / Touch Panel** • Camera, speakerphone, and call control • 5 camera presets or higher	Bidder must offer the best make/brand of VC cameras & allied components as specified in the technical specification equivalent or higher	9

SPEAKERPHONE • Full-duplex performance • Acoustic echo cancellation • Noise reduction technology • Ultra-wideband audio **<u>Below mentioned Specification if possible (Not Mandotary)</u>** • Pairs with mobile devices via Bluetooth and NFC • LCD for caller ID, call duration and other functional response • LEDs for speakerphone streaming, mute, hold, and Bluetooth • Tactile buttons for call answer/end, volume and mute, Bluetooth, and camera controls • 5 camera presets for pan, tilt, and zoom settings **Microphones** • Pickup Range: minimum 3-6 m or better • Pickup range with expansion mics: minimum 3- 8.5 m or better • Four omnidirectional, beamforming microphones • Frequency response: 100Hz – 22KHz or better • Sensitivity: -18 dB +/-3dB or better • Distortion: <5% from 200Hz or better **HUB / CABLES / POWER** With respect to the VC locations the necessary HUB / Cable / Power must be provided **MOUNT** • Dual-purpose bracket works for both wall mounting and tabletop elevation **COMPATIBILITY AND CERTIFICATIONS** • Plug-and-play USB connectivity • Certified for Skype for Business and ready for Teams • Zoom Certified • Fuze Certified • Microsoft Cortana® • Cisco Jabber® • Compatible with BlueJeans, BroadSoft, GoToMeeting, Vidyo, and other video conferencing, recording, and broadcasting applications that support USB cameras		
	Bidder must offer	

Additional Extension Microphones • Pickup Range: minimum 3-6 m or better • Pickup range with expansion mics: minimum 3- 8.5 m or better • Four omnidirectional, beamforming microphones • Frequency response: 100Hz – 22KHz or better • Sensitivity: -18 dB +/-3dB or better • Distortion: <5% from 200Hz or better	the best make/brand of VC cameras & allied components as specified in the technical specification equivalent or higher	18
Screen Size: 55 Inch **DISPLAY** 1. Size55" 2. Resolution3840 X 2160 (UHD) 3. Backlight Unit Type Direct 4. Brightness 400 nits or better 5. Dynamic Contrast Ratio1,000,000:1 6. Static (Panel) Contrast Ratio1300:1 7. Response Time (G to G)14 ms 8. Refresh Rate 60Hz or better 9. Life Span30,000 hrs 10. HDR_HDR 10 Pro Supported **AUDIO** Built-in Speakers2.0 channel, 10W + 10W **BROADCASTING** a. Broadcasting System ATSC, Clear QAM, Analog NTSC b. Global IPTV Support **SMART FEATURES** a. Web Browser Support b. Wi-Fi802.11ac c. Screen Share (Miracast) **OTHER FEATURES** 1. HDMI-ARC: ARC, HDMI2 2. USB Cloning Support 3. WOL-Yes 4. SNMP-Yes 5. SI Compatible Protocol 6. TV Link Tuner 7. Simplink (HDMI-CEC)1.4	LG / Samsung / Sony/Panasonic	8

8. IR OutRS-232C 9. Multi-code IR Support 10. External Speaker Out: Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω 11. RJP (remote jack pack) Compatibility: Teleadapt/ Guestlink (HDMI CEC) **INTERFACES** 1. HDMI In: 3 (v2.0) 2. RS-232C: 3.5mm Stereo Jack 3. USB 2.0: 1 4. RF In: 1 5. Optical Digital Audio Out: 1 6. External Speaker Out: 3.5mm Stereo Jack 7. RJ45 (LAN): 1 **OTHERS:** VESA MOUNT COMPATIBLE, WALL MOUNT ACCESSORIES SHALL BE PART of the PRODUCT.		
Fixed Desktop to operate VC 10th Generation Intel® Core™ i5-10400 or higher 8 GB DDR4 RAM or higher Intel 630 Graphics or higher Wireless Keyboard and Mouse 512 GB SSD (OS should be Installed on SSD) 1TB 7200RPM 3.5″ SATA HDD 802.11ac 1x1 WiFi and Bluetooth Windows 10 PRO Edition or Higher 5 Years Warranty with Onsite Support	Dell/HP/LENOVO	9

VC Software License: Meeting Software Specifications- Unlimited group meetings for up to 30 hours. Up to 200 participants per meeting. Web and Mobile versions of client software support for scheduled meetings. Screen sharing.	MS Team/ CISCO WebEx	1
One Time Cost towards Installation, commissioning and training charges for the new supplied equipment including testing and interfacing with the existing infrastructure at all Client locations mentioned in RFP.	-	1
Onsite VC support engineer (As and when required for support at Central Location of CG-APEX bank at Nava Raipur and other Installation Locations)	Skilled in VC Operations and Maintenance.	1

Declaration for conformity to the Technical Specification of VC Solution

(To be submitted on bidder's letter head)

To   Date:

The Managing Director,
Chhattisgarh Rajya Sahakari Bank Maryadit,
Plot No. 74, Sector 24, Atal Nagar, Nava Raipur (C.G.) – 492002

Subject: Declaration for conformity to the Technical Specification of VC Solution

We___hereby undertake to agree to abide by all the terms & conditions and Technical Specifications as stipulated in the RFP document Ref no...................................
..................................dated............

We certify that the Bid Bided by us conforms to the TECHNICAL SPECIFICATIONS & CONFIGURATION as specified in the Video Conference Solution as per the RFP. We have marked our remark against each of items of Technical Specifications-

Expected Specifications and Configurations of VC solution:

Product specifications & Configuration	Offered VC Solution (Select the Make)	Quantity
Interactive Panel Screen Screen size 75 inch Brightness : 400 nits or better Multi Touch Point : 20 Points (Max.) Interface : HDMI (3), RGB (1), Audio In (1), RS-232C In (1), RJ45 (1), USB 3.0 Type A (1 or more), USB 2.0 Type A (1 or more), Audio Out / Optical Output, Touch USB (2) Panel Technology IPS Back Light Type Direct Aspect Ratio 16:9 Native Resolution-3840x2160 (UHD) Refresh Rate 60Hz or higher HW Internal Memory (32GB), SoC (Quad Core A73+A53 or better), DDR(3GB or more), Wi-Fi (Built-in, Slot type)	LG/ Samsung/ Sony/Panasonic	1
Video Conferencing Solution with following specifications:	Bidder must offer the best	9

Camera • Smooth motorized pan, tilt and zoom controlled from remote/console/touch panel • Pan +/- 90° or better • Tilt minimum +35° / -15 maximum +35° / -45 • 10x lossless HD zoom/Optical Zoom or better • Field of View ▪ Diagonal: 70° or better • Full HD 1080p 30fps • H.264 / H.265 • Autofocus • 5 camera presets or higher • PTZ capable of capturing the speaker for auto focusing in Conference Cam product (with supported services) • Video mute / unmute functionality / LED indicator • Standard tripod thread **Remote Control / Touch Panel** • Camera, speakerphone, and call control • 5 camera presets or higher **SPEAKERPHONE** • Full-duplex performance • Acoustic echo cancellation • Noise reduction technology • Ultra-wideband audio **<u>Below mentioned Specification if possible (Not Mandotary)</u>** • Pairs with mobile devices via Bluetooth and NFC • LCD for caller ID, call duration and other functional response • LEDs for speakerphone streaming, mute, hold, and Bluetooth • Tactile buttons for call answer/end, volume and mute, Bluetooth, and camera controls • 5 camera presets for pan, tilt, and zoom settings **Microphones** • Pickup Range: minimum 3-6 m or better • Pickup range with expansion mics: minimum 3- 8.5 m or better • Four omnidirectional, beamforming microphones	make/brand of VC cameras & allied components as specified in the technical specification equivalent or higher

• Frequency response: 100Hz – 22KHz or better • Sensitivity: -18 dB +/-3dB or better • Distortion: <5% from 200Hz or better **HUB / CABLES / POWER** With respect to the VC locations the necessary HUB / Cable / Power must be provided **MOUNT** • Dual-purpose bracket works for both wall mounting and tabletop elevation **COMPATIBILITY AND CERTIFICATIONS** • Plug-and-play USB connectivity • Certified for Skype for Business and ready for Teams • Zoom Certified • Fuze Certified • Microsoft Cortana® • Cisco Jabber® • Compatible with BlueJeans, BroadSoft, GoToMeeting, Vidyo, and other video conferencing, recording, and broadcasting applications that support USB cameras		
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Screen Size: 55 Inch **DISPLAY** 1. Size55″ 2. Resolution3840 X 2160 (UHD) 3. Backlight Unit Type Direct 4. Brightness 400 nits or better 5. Dynamic Contrast Ratio1,000,000:1 6. Static (Panel) Contrast Ratio1300:1 7. Response Time (G to G)14 ms 8. Refresh Rate 60Hz or better	LG / Samsung / Sony/Panasonic	8

9. Life Span30,000 hrs
10. HDR_HDR 10 Pro Supported

AUDIO

Built-in Speakers2.0 channel, 10W + 10W

BROADCASTING

a. Broadcasting System ATSC, Clear QAM, Analog NTSC
b. Global IPTV Support

SMART FEATURES

a. Web Browser Support
b. Wi-Fi802.11ac
c. Screen Share (Miracast)

OTHER FEATURES

1. HDMI-ARC: ARC, HDMI2
2. USB Cloning Support
3. WOL-Yes
4. SNMP-Yes
5. SI Compatible Protocol
6. TV Link Tuner
7. Simplink (HDMI-CEC)1.4
8. IR OutRS-232C
9. Multi-code IR Support
10. External Speaker Out: Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω
11. RJP (remote jack pack) Compatibility: Teleadapt/ Guestlink (HDMI CEC)

INTERFACES

1. HDMI In: 3 (v2.0)
2. RS-232C: 3.5mm Stereo Jack
3. USB 2.0: 1
4. RF In: 1
5. Optical Digital Audio Out: 1
6. External Speaker Out: 3.5mm Stereo Jack
7. RJ45 (LAN): 1

OTHERS:

VESA MOUNT COMPATIBLE, WALL MOUNT ACCESSORIES SHALL BE PART of the PRODUCT.

Fixed Desktop to operate VC 10th Generation Intel® Core™ i5-10400 or higher 8 GB DDR4 RAM or higher Intel 630 Graphics or higher Wireless Keyboard and Mouse 512 GB SSD (OS should be Installed on SSD) 1TB 7200RPM 3.5″ SATA HDD 802.11ac 1x1 WiFi and Bluetooth Windows 10 PRO Edition or Higher 5 Years Warranty with Onsite Support	Dell/HP/LENOVO	9
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One Time Cost towards Installation, commissioning and training charges for the new supplied equipment including testing and interfacing with the existing infrastructure at all Client locations mentioned in RFP.	-	1
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PART : II - COMMERICAL OFFER

Annexure-VI
COMMERCIAL OFFER FORMAT
(The commercial offer to be given on Bidder's Letter head)

A. Commercials for Video Conferencing Solution (5 years Contract)

VC Solution +Support Option (5 years)					
Product specifications	Offered VC Solution (Select the Make)	Qty.	UNIT PRICE (Exclusive of GST)	Product Warranty cost excluding standard warranty to complete 5 years cover	TOTAL Cost (Exclusive of GST)
Interactive Panel Screen Screen size 75 inch Brightness : 400 nits or better Multi Touch Point : 20 Points (Max.) Interface : HDMI (3), RGB (1), Audio In (1), RS-232C In (1), RJ45 (1), USB 3.0 Type A (1 or more), USB 2.0 Type A (1 or more), Audio Out / Optical Output, Touch USB (2) Panel Technology IPS Back Light Type Direct Aspect Ratio 16:9 Native Resolution-3840x2160 (UHD) Refresh Rate 60Hz or higher HW Internal Memory (32GB), SoC (Quad Core A73+A53 or better), DDR(3GB or more), Wi-Fi (Built-in, Slot type)	LG/ Samsung/ Sony/Panasonic	1			
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zoom controlled from remote/console/touch panel • Pan +/- 90° or better • Tilt minimum +35° / -15 maximum +35° / -45 • 10x lossless HD zoom/Optical Zoom or better • Field of View ▪ Diagonal: 70° or better • Full HD 1080p 30fps • H.264 / H.265 • Autofocus • 5 camera presets or higher • PTZ capable of capturing the speaker for auto focusing in Conference Cam product (with supported services) • Video mute / unmute functionality / LED indicator • Standard tripod thread **Remote Control / Touch Panel** • Camera, speakerphone, and call control • 5 camera presets or higher **SPEAKERPHONE** • Full-duplex performance • Acoustic echo cancellation • Noise reduction technology • Ultra-wideband audio **<u>Below mentioned Specification if possible (Not Mandotary)</u>** • Pairs with mobile devices via Bluetooth and NFC • LCD for caller ID, call duration and other functional response • LEDs for speakerphone streaming, mute, hold, and Bluetooth • Tactile buttons for call answer/end, volume and mute, Bluetooth, and camera controls	allied components as specified in the technical specification equivalent or higher				

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OTHER FEATURES 12. HDMI-ARC: ARC, HDMI2 13. USB Cloning Support 14. WOL-Yes 15. SNMP-Yes 16. SI Compatible Protocol 17. TV Link Tuner 18. Simplink (HDMI-CEC)1.4 19. IR OutRS-232C 20. Multi-code IR Support 21. External Speaker Out: Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω 22. RJP (remote jack pack) Compatibility: Teleadapt/ Guestlink (HDMI CEC) **INTERFACES** 8. HDMI In: 3 (v2.0) 9. RS-232C: 3.5mm Stereo Jack 10. USB 2.0: 1 11. RF In: 1 12. Optical Digital Audio Out: 1 13. External Speaker Out: 3.5mm Stereo Jack 14. RJ45 (LAN): 1 **OTHERS:** VESA MOUNT COMPATIBLE, WALL MOUNT ACCESSORIES SHALL BE PART of the PRODUCT.					
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802.11ac 1x1 WiFi and Bluetooth Windows 10 PRO Edition or Higher 5 Years Warranty with Onsite Support					
VC Software License: Meeting Software Specifications- Unlimited group meetings for up to 30 hours. Up to 200 participants per meeting. Web and Mobile versions of client software support for scheduled meetings. Screen sharing.	MS Team/ CISCO WebEx	1			
One Time Cost towards Installation, commissioning and training charges for the new supplied equipment including testing and interfacing with the existing infrastructure at all Client locations mentioned in RFP.	-	1			
Total Cost					

Terms and Conditions:

a) VC infrastructure delivery and dispatch and expenses required for the same will be done by the selected Vendor/bidder at the locations as mentioned in the RFP.

b) Applicable Taxes will be at current rate. Rates should be quoted exclusive of GST. Calculate the product wise GST applicable to respective products and services at the rates applicable. Extra sheet should be attached for GST calculated in respective to each product item.

c) Internet connections to the PC, Stabilized power supply etc will be provided by the CG-APEX Bank.

d) All other payment and general terms and conditions as mentioned in the RFP are applicable.

Signature of Authorized Signatory & stamp

Name:

Designation:

Place:

Date: