

TENDER FOR ROOM BASED VC ENDPOINT

1. **E-tender** in 2-bid system are invited for the supply of Room Based VC endpoint along with as per Installation and Commissioning as per the specification at **Annexure A** under the following terms & conditions from reputed and experienced manufactures/ authorized distributors of similar items and shall be received **till 11:30 PM on 20th December 2023**. Bids shall be submitted through online in GeM.

2. ELIGIBILITY CRITERIA

- i. Bidder shall be a manufacturer of the items having requisite manufacturing facility.
- ii. The Original equipment manufacturers shall possess ISO certificate for their establishment. The copy of the valid ISO certificate shall be placed with the Technical bid.
- iii. Authorised dealer / distributors of a manufacturer or Indian Agent of an overseas vendor are also eligible to participate in the tender, provided they furnish the authorization for the items and having the dealership/ distributorship for the subject items at least for three years continuously. The OEM authorizing such dealers/distributors should have valid ISO certificate and a copy of the same shall be enclosed in the technical bid.
- iv. The bidder shall have market standing continuously for the past 3 years in supplying similar items with customers' satisfaction.
- v. The average annual turnover of the bidder during the last three years shall not be less than Rs 48 lakhs.
- vi. The Bidders should have completed the works of as mentioned below in last 3 years: - Three similar works each of value not less than 40% of estimated cost or two similar work each of value not less than 60% of estimated cost or one similar work of value not less than 80% of estimated cost for above mentioned work. Bidders should enclose relevant documents (copy of Work order, Completion certificate/Experience Certificate) in support of their credential to justify their qualification as mentioned above in the technical part of the offer.
- vii. Bidder should be 9001:2008 certified.

3. TECHNICAL BID

The bidder shall furnish along with the e-bid, the following:

- a. Duly attested photocopies of valid manufacturing license for the products offered.
 - b. Details of supplies made during the last 3 years with summary of Purchase Orders and performance certificates issued by clients in the specified format (Refer **Annexure II**). Items supplied to Govt. institutions, if any, for the last 3 years with copies of Purchase Order and Performance certificates are to be separately highlighted.
 - c. Annual Turn Over Statement for the last 3 financial years in the specified format (Refer **Annexure II**) certified by the Auditor/ Chartered Accountant.
 - d. GST registration certificate
 - e. Latest GST return filing report.
 - f. Copy of PAN/TAN.
 - g. In case of dealer/distributor or Indian agent of an overseas manufacturer, Authorization from the manufacturer for the items quoted in Annexure -III.
 - h. Bidders shall submit the Bid Security Declaration Form at Annexure IV.
 - i. ISO Certificate
 - j. OEM Certificate/Undertaking for Warranty
4. **Warranty Maintenance:** The equipment supplied shall be covered under 1 (one) year on-site warranty. 1 year back-to-back onsite warranty with respective OEMs for both hardware and software. The Certificates/undertaking for the same to be submitted along with bid from respective OEM. Service Center Details to be shared along with the address and contact no. of the person. Dedicated telephone number for service support, Escalation matrix for service support.
 5. All the above documents shall be uploaded as part of the technical bid.
 6. **PRICE BID**

The rate quoted per unit shall be the landed cost at destination, inclusive of all charges and taxes as per the price bid format at **Annexure V**. The landed price per unit including warranty shall be the criteria for determining the L1 rate.

7. Price Bids of the bidders who meet the eligibility criteria, evaluated based on the details furnished in the Technical bid shall only be opened and the date and time of opening shall be intimated to the eligible/ short listed bidders.

8. TENDER EVALUATION

Tenders will be evaluated with reference to various criteria and one of such criteria is that the rate per unit (landed price including warranty) for determining the L1 rate (Lowest rate). Conditional discounts shall not be considered for price comparison. However same shall be considered in case of placing order if the bidder happens to be L1.

9. VALIDITY OF BIDS

Bids shall remain valid for acceptance for a period of 180 days after opening of Technical bid i.e. Technical bids with shorter validity shall be rejected. Purchaser may solicit bidders' consent to an extension of bid Validity period. A bidder may refuse extension request without forfeiting the bid Security.

10. VALIDITY OF TENDER

The validity of tender of the successful bidder shall be at least 1 year from the date of finalization of the order and the successful bidder(s) are bound to supply the items at agreed rates during this period. This validity period may be further extended with mutual consent.

11. PERFORMANCE SECURITY DEPOSIT:

The successful bidder, within 15 days of receipt of Purchase Order, shall be required to submit Performance Security Deposit of 3% of the order value in the form of Performance Bank Guarantee in favour of the purchaser valid for a period of 3 months beyond the warranty period. The Bank Guarantee shall be returned on completion of the Warranty period of the goods supplied. However, if the supplier fails to execute the order or fails to perform the services as per contract, in addition to other penal actions, the Bank Guarantee shall be encashed & the amount forfeited.

12. TENTATIVE QUANTITY

The quantity mentioned is only the tentative requirement and may increase or decrease as per the decision of Tender Inviting Authority. The rates quoted should not vary with the quantum of the order or the destination.

13. DELIVERY CONDITION

The supply of items and successful installation shall be completed within one month from the receipt of the Purchase Order and place of destination is Forest Department Head Office, Sanjenthong, Imphal 795001. Installation, Commissioning, Testing, Configuration, Training, as per scope of supply, is to be carried out by the OEM Certified resource or OEM authorized reseller.

14. PAYMENT TERMS

No advance payment shall be made. 100% payment for the supplied items shall be made after receipt of the fully functional items and completion of all codal formalities subject to submission of Bank Guarantee for Performance Security, relevant documents, test certificates, warranty certificates etc.

15. PENALTY FOR DELAY IN DELIVERY

In case there is delay in delivery beyond the stipulated period as mentioned in delivery clause, there shall be reduction in price @ 0.5% of the value of delayed goods per week of delay or part thereof subject to a maximum of 10% of the total order value. Once the maximum price reduction is reached, termination of the contract may be considered. Non-performance of the contract provisions shall make the successful bidder liable to be disqualified to participate in any tender for the next 5 years, in addition to forfeiture of Bank Guarantee for Performance Security and other penal provisions.

16. The Forest Department reserves the right to accept or reject any quotation in full or part thereof without assigning any reason.

Technical Specifications of Room Based VC Endpoint		
SN	Description	Specification Parameter
1	Package	Auto Tracking 20x camera, 4K Codec, 3 No's Omnidirectional Digital Microphone, Cables and Touch Control (10" Tablet/console) from the same OEM.
2	Video Standards and Resolutions	It should support H.323 & SIP standards for communications.
		It should support interoperability and bandwidth saving using video compression H.264 AVC, H.264 High Profile & H.265.
		H.323 and SIP upto 6 Mbps
		It should support 1080p30 fps or better
3	Content Standards and Resolutions	It should support both wired and wireless content sharing using standard based H.239 and BFCP. It should also support audio from Laptop used for content sharing.
		It should transmit content to the far end location minimum upto 4K15fps or better during VC call.
		It should support inbuilt feature for wireless content sharing from Windows, MacOS, Android, iOS Smartphones & Tables without downloading any application on the user device.
		Device should support remote monitoring over webpage.
4	Audio Standards and Features	It should support G.711, G.728, G.729A, G.722, G.722.1, G.719 or better
		It should support 20kHz or better bandwidth with crystal clear audio and stereo sound.
		Automatic Gain Control and Automatic Noise Suppression
		Keyboard Noise Reduction, NoiseBlockAI and Acoustic Fence.
5	Video and Audio In	1 x HDMI/HDCI/USB input for connecting main Full HD camera
		1 x HDMI input to share 4K/Full HD content from PC/Laptop/Document camera/PTZ Camera.
		3 x HDMI/HDCI/USB inputs to connect additional PTZ cameras from same OEM to capture whiteboard/presenter and podium area in future whenever required.
		Codec should have 3 IP mic inputs port with support to connect omnidirectional mics. The bidder needs to quote 3 nos digital IP omnidirectional microphone with mute/unmute soft touch button on the microphone.
6	Video and Audio O	1 x 3.5mm stereo line-in
		2 x HDMI output for connecting primary and secondary 4K(UHD)/Full HD displays. 1 x 3.5 mm stereo line-out
7	Other Interfaces	Endpoint should USB support for Biamp, Shure, QSC and Extron audio DSPs for integrating third party audio solution.
		1 x 1 Gbps Ethernet port and 3x 10/100/1G LLN supporting POE+/PSE
		1 x USB to support system software upgrade
		Bluetooth 5.0 and WiFi 802.11a/b/g/n/ac (MIMO) for Wireless Content Sharing for Guests using their Smartphones and Tablets (Android and iOS). Wireless Content should be supported without any application or hardware required.
8	Camera	1 x RS-232 Serial Port with REST and CLI API support
		Dual camera with 20-megapixel 4K sensors The camera should support minimum 120-degree FOV Video Conference Camera and Codec should be controlled using same Touch Controller.
9	Network Features	H.323 and SIP bandwidth supporting up to 6 Mbps or more.
		Device should support Provisioning feature and shall get updates and configure from NIC
		Must support IPv4 and IPv6 from day one on both H.323 and SIP.
		Auto Gatekeeper Discovery, Lost Packet Recovery (LPR) technology, IP Precedence and DiffServ, Configurable MTU size
10	USB Pass-Thru Mod	Codec should have inbuilt USB C Port to use VC system as an external camera and microphones when connected to a Laptop/PC over a single USB cable without using any external hardware,software components or converter to connect to any Cloud Based VC

		platform like Cisco Webex, Zoom, BlueJeans, Microsoft Teams, Google Meet, etc. Should support minimum 1080p30fps video transmit in USB Pass-thru mode. Preferably device should have support for MS TEAMS, Zoom, Ring Central, GoToRoom etc It should be possible to Mute/Unmute all the microphones and control camera functionality from the same touch control panel during USB pass-thru mode.
11	Touch Controller	Display: 8-inch screen Aspect ratio: 16 x 10 Resolution: WXGA (1280 x 800) Power over Ethernet (PoE) with IEEE 802.3af support Ultra Sonic Emitter for auto pairing Designed with built-in stand support - no external stand required Viewing angle:- 75 degree Tap and touch control to access call controls and administrative menus Kingston lock supported
12	Security	Media Encryption: AES-128 & AES-256 on H.323 and SIP, Authenticated access to admin menus, web interface and APIs Local account password policy configuration Global Directory/Centralized Directory/LDAP support
13	Interoperability	Endpoint should be compatible and seamlessly interoperable. Should support USB device mode.
14	Other Standards/features	H.460.18, H.460.19, SSL, TLS1.2, 1.1, 1.0, Authenticated access to admin menus, web interface and APIs,
15	Warranty	The complete solution should be from the same OEM with 1 year warranty from day one.

ANNEXURE-I

**PROFORMA FOR PERFORMANCE STATEMENT
(FOR A PERIOD OF LAST 3 YEARS)**

Name of firm _____

Sl.	Name of the product	Year	Quantity	Value	Name and full address of the purchaser	Remarks on Performance
	1	2	3	4	5	
1.						
2.						
3.						

Signature and seal of the Tenderer _____

ANNEXURE-II

ANNUAL TURN OVER STATEMENT

The Annual Turnover of M/s _____ for the past three years

and concurrent commitment for the current financial year are given below and certified that the statement is true and correct.

<i>Sl.No.</i>	<i>Year</i>	<i>Turnover in Lakhs (Rs)</i>
1.	-	-
2.	-	-
3.	-	-
		Total - Rs. _____ Lakhs.

Average turnover per annum - Rs. _____ Lakhs.

Date:
Seal:

Signature of Auditor/
Chartered Accountant
(Name in Capital)

ANNEXURE-III

MANUFACTURER'S AUTHORIZATION FORM

No. _____ Dated _____

To,
Dear Dir,

Bid Ref. No. _____

We _____ who are established and reputable
manufacturers of _____ having factories at
_____ Registered office at
_____ possessing Manufacturing Licence No.
_____ dated _____, Valid Upto
_____, hereby authorize M/s. _____

_____ (Name and address of Representative), to submit a bid and
subsequently negotiate and sign the contract with you against the above-mentioned tender for the
following items quoted.

- 1.
- 2.
- 3.

(Attach separate sheet if necessary)

We hereby extend our Guarantee/ warranty for a period of ___year (as applicable) from the date of
receipt of the item as per the tender conditions for the items offered for supply against the tender
submitted by the above firm.

Yours faithfully,

(Name)

for and on behalf of M/s. _____

(Name of Manufacturer)

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be
signed by a person competent and having the power of attorney to bind the manufacturer.

Annexure IV

Date: _____
 Tender No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding / any contract with Central and any Government of Manipur tenders for a period of three years from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- (i) Have withdrawn bid or increases quoted prices during the period of bid validity or its extended period, if any.
- (ii) Have fails to sign the Contract or to furnish Performance Security in the form of Bank Guarantee / Demand Draft within specified time in accordance with the format given in the tender document.
- (iii) If during the bid process, I/We indulges in any such deliberate act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.
- (iv) If during the bid process, our any information is found false/ fraudulent/ malafide.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the selected agency, upon the earlier of

- (i) the receipt of your notification of the name of the selected agency; or
- (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)

in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing he Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Agency) Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

Annexure V**Price Bid Details (Amt in Rs)**

SN	Name of the Item as per the specifications at Annexure A	Qty	Name of the manufacturer	Quoted Model	Unit price inclusive of all taxes and 1 year warranty from the date of delivery	Total price for the items in Rs
1	Room Based VC Endpoint	1				