

**TENDER DOCUMENT FOR PURCHASE OF
VIDEO CONFERENCE (VC) EQUIPMENT**

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

S. No	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In US\$)	Remarks
1	Purchase of Video Conference(VC) Equipment	01 (One) as per specification attached	(2% of the total cost)	QTN.ENVELOPE SHALL SUPERSCRIBED WITH OUR Ref.NO. & DATE OF OPENING
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			TWO-BID LIMITED	
Dates of sale of tender documents:			From 08 June 2018 during office hours.	
Place of sale of tender documents			Embassy of India, Harare, (Zimbabwe) 12, Natal Road, Belgravia, Harare	
Closing date and time for receipt of tenders			9 th July, 2018 1500hrs	
Place of receipt of tenders			Embassy of India, Harare (Zimbabwe) 12,Natal Road, Belgravia P.O.Box 4620, Harare	
Time and date of opening of tenders			12 th July, 2018 at 1030hrs	
Place of opening of tenders			Embassy of India, Harare, Zimbabwe	
Nominated Person/ Designation to Receive Tenders			Mr S. Rajendran, Head of Chancery, Embassy of India, Harare	

2. Specification: Attached

3. Tenderer may also download the tender documents from the web site <http://eoi.gov.in/Harare> and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.
4. Tenderers shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are submitted with the reception of Embassy of India at the address given below on or before the closing date and time indicated in the Para 1 above, failing which the tenders will be treated as late and rejected. 4. In the event of any of the above mentioned dates being declared as a holiday/ closed day for the purchase organisation, the tenders will be sold/ received/ opened on the next working day at the appointed time.
5. The tender documents are not transferable.
6. Terms and Conditions relating to Tender:-
 1. Quotations may be submitted on or before scheduled time as mentioned in a sealed cover duly super scribing the Tender No. and due date of opening.
 2. Quotation and rate should be valid for 90 days from the date of opening.
 3. Authorized representative of the bidder need to submit the authorization from which is available with the tender document.
 4. Earnest Money Deposit (EMD), if required, to be submitted as DD, drawn in favour of Embassy of India, Harare (Zimbabwe).
 5. EMD of a bidder will be forfeited, if the bidder withdraws or amends its tender or impairs or derogates from the tender in any respect with the period of validity of its tender. Further, if the successful bidder fails to furnish the required performance security with the specified period, its EMD will be forfeited.
 6. If order value exceeds Rs. 1,50,000/- the bidder has to submit Security Deposit (SD) i.e. an amount equal to 10% of the order value prior to release of PO for faithful execution of the order. The same will be refunded within 60 days, beyond the date of completion of all contractual obligations including warranty. Failure in part of the bidder to comply with PO obligations will lead to forfeiture of SD.
 7. Delivery period 90 days maximum from the date of PO which includes postage time.
 8. Payment will be made within 30 days after satisfactory supply of material as per PO.
 9. Liquidated damages (LD) will be levied @ 0.5% each week subject to a maximum of 10% of the value of delayed quantity of goods/services.
 10. The Embassy of India, Harare (Zimbabwe) reserves the right to reject all or any of the tenders and also short close/cancel the Purchase Orders.
 11. Income tax will be recovered at source as per rules.
 12. Please mention your VAT/Service Tax Registration No. PAN No.
 13. The bidder has to mention whether they come under the MSME Act 2006.
 14. No revised quotation will be permitted during the validity of the tender.
 15. Acceptance of material is subject to our approval and if the item supplied is in volume, length & weight etc. a tolerance of plus or minus (+/-) 5% is applicable.
 16. No conditional tender shall be accepted.
 17. Quotations must be on Letter Head with address for correspondence along with Telephone/Mobile Numbers and e-mail ID.
 18. Two bid system – Technical and Financial bids to be submitted in sealed envelopes along with third envelope containing EMD. The Financial bid envelopes of technically qualified bidders only will be opened by the committee.

Bank Guarantee Form for Performance Security

----- (insert Bank's Name and Address of issuing Branch or Office)

Beneficiary----- (insert Name and Address of SPMCIL)

Date-----

PERFORMANCE GUARANTEE. No.-----

WHEREAS----- (Name and Address of the supplier) hereinafter

Called "the supplier") has undertaken, in pursuance of contract no-----
dated----- supply (description of goods and services) (herein after called
"contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of -----
---(amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limit of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein).

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand. We further agree that no change or addition to or other modification of the terms of the contract to be performed thereunder or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

We undertake to pay SPMCIL up to the above amount upon receipt of its first written demand, without SPMCIL having to substantiate its demand.

This guarantee will remain in force for a period of forty five days after currency of this contract and nay demand in respect thereof should reach the bank not later than the above date.

(Signature with date of the authorized officer of the Bank)

Name and designation of the officer

Seal, Name & Address of the Bank and address of the Branch

Name and designation of the officer

Seal name & address of the Bank and address of the Branch

Essential Technical Specifications of Video Conferencing Systems

The minimum essential technical specifications of VC equipments (as per Ministry's requirements) are mentioned below:

1. Video coding standards - H.264 SVC & AVC.
2. Audio Coding Standards- G.722, G.722.1, MPEG-4, AAC-LC.
3. Live Video Features- 720p30, 1080p30, 1080p60 (preferable).
4. Minimum Bandwidth required for video quality (1080p60) at End Point/ Far-site end = 1Mbps.
5. **Interface to records the ongoing Video Conferencing Session** of both Near End and Far End along with mixed Audio @ 1080p60 **through USB within Codec in device** (Not through cloud/ Network based/ Server Based).
6. The End point should have capability to upgrade to multi-point (at least 1+5 Sites) @1080p60 Full HD, in future, by using add-on software on existing codec over IP (Not via external hardware/ Server/ Cloud).
7. End point should support multipoint calls at full HD 1080p60 resolution in continuous presence mode (DHCP).
8. End point should have 1080p60fps PTZ camera with minimum 10X Optical Zoom.
9. The complete solution which includes Software and Hardware bundle should be from the same OEM.
10. The Codec should be an independently/ specifically designed standalone device with embedded menu driven GUI, Audio-Video I/O Ports, Network and control ports etc. inbuilt on its back plane.
11. Should be H.323 and SIP Compliant (It should be IP Based Hardware System not a PC Based stack up system with software loaded on it).
12. Built-in acoustic echo canceller with noise reduction
13. Input/ Output ports :
 - a. Input- 2xHDMI/DVI ports
 - b. Output- 2xHDMI/DVI ports
14. No. of Microphones supported –at least 1.

15. No. of Camera supported (should be from same OEM) -1
16. IPV6 ready.
17. It should support Far End control protocol H.281
18. It should support H.239 dual stream protocol for sending/receiving content/presentation along with Full HD live video.
19. One line level auxiliary audio output to connect external audio system.
20. Interface (HDMI/VGA) to connect a Laptop/PC/Console.
21. Should be IP Based (ISDN/BRI not required)
22. Should support dual monitors for display.
23. Picture-in-picture of side by side picture support.
24. High quality microphones with echo cancellation
25. Support for additional/external high quality microphone
26. Behind Network Address Translation (NAT) firewall traversal.
27. Global Directory- Display of active participants/H.350/LDAP protocol
28. E.164 dialing using H.323 Gatekeeper
29. Web based management for video conferencing endpoint