

High Commission of India
Pretoria

23 May 2018

TENDER NOTICE

The High Commission of India, Pretoria invites bids/quotes for installation and setting-up of Video Conferencing system in the High Commission at 852 Francis Baard Street, Arcadia, Pretoria.

2. Eligibility (Pre Qualification)

The invitation of tender is open to all eligible companies, who have experience and expertise in installation of video conferencing facilities in South Africa.

Note: The tender issuing authority reserves the right to ask for any additional documents from the bidders to substantiate issues related to financial health of the company/firm, partnership agreements, etc, in order to establish holistic credentials of the bidding company.

3. Tendering Process

Tender is invited in two parts i.e. (i) Technical Bid and (ii) Financial Bid. Technical & Financial Bid are to be submitted together but in separate sealed envelopes. In the first stage, only the envelope, containing the Technical Bid will be opened on the fixed date and time. For Technical Bid, duly filled **Appendix-A** may also be provided with the bids/quotations.

The Technical Bid will be examined and evaluated by the tender issuing authority. Bidding companies which do not qualify in the technical evaluation will not be considered for qualification to the Financial Bid stage.

Bidding companies, which have qualified in the Technical Bid stage, will be informed by email to be present when the financial bids will be opened on the date and time fixed by the tender issuing authority. The selected company will be announced after following due process and with the approval of Competent Authority.

The quotations/bids in sealed envelope addressed to 'Head of Chancery, High Commission of India, Pretoria', be delivered by hand at the Reception of High Commission of India or could be sent at P.O. Box 40216, Arcadia 0007, Pretoria latest by 14th June, 2018.

Schedule of opening of bids is as follows:-

Opening of Technical Bids- 1200hrs on 15th June, 2018.

4. Scope of Work

Scope of work for installation of Video Conferencing System is as follows:

- 1) The company/firm should provide quotation for supply of video conferencing equipment(s) meeting the essential technical specification (as per the attached **Appendix-B**).
- 2) The company/firm should submit point-wise technical compliance report for the essential technical specification (as per the attached **Appendix-B**).
- 3) The company/firm should also submit quotation for supply of 01 LED TV, preferable of size 40" to be integrated with the video conferencing device with the HDMI port.
- 4) The company/firm should also submit quotation for supply of 01 UPS (1 KVA) to be used with the video conferencing system for uninterrupted communication during power failures.
- 5) The company/firm will be responsible for overall installation/testing/commissioning of the video conferencing system at the High Commission and to make it functional for use.
- 6) The company/firm will be responsible for imparting training to the designated officials of the High Commission regarding the use of the video conferencing system.
- 7) The company/firm will also be responsible for providing on-site support in case it is required for the service/repair/maintenance of the video conferencing system, which will be free of cost during the warranty period and chargeable thereafter.
- 8) The quotation/bid submitted should be valid for a period of minimum 60 days to cater for administrative processes.

The firm should also submit its Terms and Conditions including the prices, payment, deliveries, warranty, validity of quotation/bids, etc.

Appendix-A

TECHNICAL BID PROFORMA

Name of the firm:

Contact details:

S.No.	Subject	Remarks
1.	Years of experience in supply, installation/setting-up of video conferencing system.	
2.	Details of the contracts undertaken by the company/firm in diplomatic/government establishments	
3.	Detailed time frame for completion of work	
4.	Summary of the equipments, likely to be supplied	
5.	Having experience in working at site under heritage category	
6.	Having worked with the High Commission of India or Consulates	
7.	License/registration details of the company/firm with the Government of South Africa-Details	
8.	Size and strength of the company/firm	
9.	Income tax registration details of the company/firm	

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