


Tender Notice

Finance Division invites sealed tenders from well reputed firms based at Islamabad/Rawalpindi for supply/installation/testing commissioning of all equipments of following one (01) Audio & one (01) Video Conferencing system.

S. No	Description	Qty
1	<u>Video Conferencing Unit</u> Complete video conferencing with Built-in 4-sites MCU	01
2	Full HD 1080p Display @ 60"	01
Audio Conference System		
3	Audio Conferencing must have sam brand as well as video conferencing Built in LCD and keypad, extra supporting mics, Full HD audio conferencing support.	01
Recording System		
4	Recorder must support Full HD 1080P recording format, seamless integration with video conferencing system, ITB Hard disk for recording, Play back option, USB support and disk writeable functionality, supporting analog and digital technology.	01
5	1080p license should also be furnished by the firm	

2 Detail Technical Specifications of the Audio & video Conferencing System and the terms and conditions of tender can be obtained from the undersigned on any working day or may be downloaded from the website of PPRA (www.ppra.org.pk) and Ministry of Finance (www.finance.gov.pk)

3. Interested parties may send their bids in sealed cover at the following address latest by 30-10-2014 at 11 a.m. which will be opened on the same day at 11.30 a.m. in Room No.501, Block "Q" Pak Secretariat, Islamabad in the presence of bidders or their authorized representatives.


(Altaf Hussain)
Section Officer (Services-I)
Room No. 506, Block "Q"
Pak Secretariat
Islamabad.
Phone: 9208101

Technical Specification of Video Conferencing system (Qty = 1)

The video codec must provide the following built-in multipoint capability, at a minimum, using continuous presence: up to 3 other codec dialing into the codec at 720p 30 fps.

1. The video conferencing system shall support a minimum resolution with a 16:9 aspect ratio and at 30 fps with the following connection rate:
 - 432x240 pixels at 64 Kbps
 - 720x400 pixels at 128 Kbps
 - 800x448 pixels at 256 Kbps
 - 1024x576 pixels at 512 Kbps
 - 1280x720 pixels at 512 Kbps
2. The video conference system shall utilize a minimal consumption of bandwidth of 512 kbps when supporting 720p30.
3. The video conference system must support a minimum of two external Full HD displays 1080P for a crystal-clear picture.
4. The video conference system must have automatic noise reduction, automatic gain control and echo cancellation.
5. Video Conferencing must support face recognition system
6. The video conference system shall support a minimum of 90 camera presets.
7. The video conference system must support a Full HDPTZ 12x optical zoom camera.
8. Video Codec must support two OEM cameras direct inputs.
9. The video conference system shall support both H.323 and SIP.
10. The video conference system must have high-definition audio 22 kHz.
11. The video conference system shall support NAT/firewall traversal (H.460/SIP).
12. The video conference system must have backup and restore functionality.
13. The video conference system shall support Built-in management tool for configuration, backup and restore.
14. System must have recording port.
15. The video conference system must have the ability to use ISDN if necessary.
16. The video conference system shall support low bandwidths down to a minimum of 64 kbps.



17. The video conference system must support Microsoft OCS and Microsoft Lync Server.
18. The video conference system must support built-in Microsoft OCS and Microsoft Lync Client.
19. The video conference system must support easy, out-of-box setup via web interface.
20. The video codec should support the following audio and video standards: H.261, H.263, H.263++, H.264 HP, H.264+, H.261, G.711, G.722, G.722.1c, G.728, G.729,
21. The video codec should support the High profile video standard for minimum utilization of bandwidth.
22. The video codec should support audio input via a standard RCA (L-R) audio jack.
23. Video Codec must support two direct inputs for proprietary microphone.
24. The video codec should support a fast Ethernet interface.
25. The video codec should support secure calling using AEC, including strict compliance.
26. The video codec should ready both IPv4 and IPv6.
27. The video codec shall provide support for H.323 Annex Q for each participant in a multipoint call.
28. The video codec shall provide support for H.239 from any participant in a multi-way call
29. The Video Codec shell Supports PRI, E1, BRI and other network parameter.
30. The Video Conferencing System must capable to call on IP and ISDN.
31. The Video Codec must have PSTN Port.
32. The Video Codec must have Network Sharing Port.
33. 1080p license should also be furnished by the firm.
34. All system must have 1080p Camera and supports 1080 codec
35. Turnkey Installation, configuration and commissioning of all video conferencing system hardware, software and their related components

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Recording Equipment for Video Conferencing System

1. Recorder must support Full HD 1080P recording format.
2. Recorder should have all available connection ports for recording.
3. Recorder must have seamless integration with video conferencing system
4. Recording should have at least 1TB Hard disk for recording
5. Recorder must have playback option, USB support and writeable disk functionality.

Technical Specifications of Audio Conferencing System

Audio Conferencing System

1. Audio Conferencing must have same brand as well as video conferencing.
2. Audio Conferencing should have support Full HD audio conferencing protocol.
3. Audio Conferencing must have built in LCD and Keypad.
4. Audio Conferencing should have support extra mics.
5. Audio Conferencing System should support wired or wireless connectivity.
6. Audio Conferencing System should support analog technology.



Equipment Detail

S#	Equipment	Qty
Video Conferencing System		
1	Video Conferencing Unit Complete video conferencing with Built-in 4-sites MCU	01
Video Conference Display		
2	Full HD 1080p Display @ 60"	01
Audio Conference System		
3	Audio Conferencing must have same brand as well as video conferencing, Built in LCD and Keypad, extra supporting mics, Full HD audio conferencing support.	01
Recording System		
4	Recorder must support Full HD 1080P recording format, seamless integration with video conferencing system, 1TB Hard disk for recording, playback option, USB support and disk writeable functionality, supporting analog and digital technology.	01
5	1080p license should also be furnished by the firm.	
Installation/ testing commissioning of all Equipment		



**Finance Division
Services-I Section**

**Allied Terms & Conditions of Tender Notice for Purchase of
Audio and Video Conferencing System**

- a) The firm must provide telephone/fax number and nominate contact person.
- b) The firm must have Income Tax Registration, National Tax and GST Number.
- c) Price must be quoted in Pak. Rupees and including GST and other applicable taxes.
- d) Firms shall give one year warranty with parts and two year free After Sale Services for the equipment they offer.
- e) Delivery period will be 15 days after issuance of supply order.
- f) The firm shall provide after sale service plan also showing their expertise to provide after sale support.
- g) 2% of total bid amount as Earnest Money/security deposit should be attached with the tenders in the shape of the pay order/demand draft in favor of DDO Finance Division, Islamabad which shall be retained till satisfactory completion of warranty period. The Earnest Money of the un-successful bidders, however, shall be returned after approval/finalization of the tender.
- h) The admissible taxes will be deducted at source.
- i) An affidavit that the firm has never been blacklisted by any Department/Organization nor has been involved in litigation with any party shall be attached to the bids.
- j) Submission of any false statement / documents including concealing of any information is likely to disqualify the bidder.
- k) The procurement is subject to successful demonstration by the bidder.
- l) The purchase will be made in accordance with PPRA Rules, 2004.
- m) The procedure of single stage-two envelopes shall be followed for the tender. Every bidder shall place their Technical Proposals and Financial Proposals in separate envelopes and the terms "Technical Proposal" and "Financial Proposal" shall clearly be written on each envelop.
- n) The firm should provide the "Term equipment Certificate" issued by the **Pakistan Telecommunication Authority (PTA)** in respect of the firm/ Messer who would participate in the tender.

