

GOVERNMENT OF PAKISTAN  
FINANCE DIVISION  
(SERVICES SECTION)  
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**TENDER NOTICE**

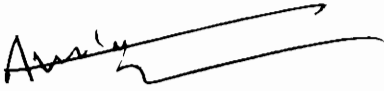
Finance Division invites sealed tenders from well reputed firms based at Islamabad/Rawalpindi for supply/installation/testing/commissioning of all equipments of following two (02) Audio & two (02) Video Conferencing Systems.

**Equipment Detail**

S.No.	Equipment	Qty
<b><u>Video Conferencing System</u></b>		
1.	<b>Video Conferencing Unit</b> Complete video conferencing with Built-in 4-sites MCU	02
2.	<b>Extra Mic with Mic cable for Video Conferencing System</b>	01
<b><u>Video Conference Display</u></b>		
3.	<b>Full HD 1080p Display @ 65"</b>	02
<b><u>Audio Conference System</u></b>		
4.	<b>Audio Conferencing must have compatibility with video conferencing system, Built in LCD and keypad, extra supporting mics, Full HD audio conferencing support.</b>	02
5.	<b>Extra Mic pair</b>	02
<b><u>Recording System</u></b>		
6.	<b>Recorder must support Full HD 1080P recording format, seamless integration with video conferencing System, ITB Hard disk for recording, Playback option, USB support and disk writeable functionality, supporting analog and digital technology.</b>	02
7.	<b>1080p license should also be furnished by the firm</b>	
<b>Installation/testing commission of all Equipments</b>		

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](http://www.ppra.org.pk)) and Ministry of Finance ([www.finance.gov.pk](http://www.finance.gov.pk)).

3. Interested parties may send their bids in sealed cover at the following address latest by 17<sup>th</sup> February, 2015 at 11:00 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)  
Room No.506, Block-Q,  
Pak Secretariat, Islamabad.

**Finance Division  
Services-I Section**

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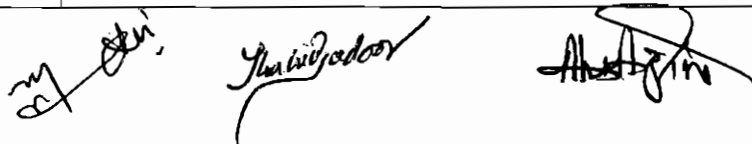
**Terms & Conditions of Tender Notice for Purchase of  
Audio and Video Conferencing System**

- 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) Delivery period will be 30 days after issuance of supply order.
- e) The firm shall provide after sale service plan also showing their expertise to provide after sale support.
- f) 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.
- g) The admissible taxes will be deducted at source.
- h) 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.
- i) Submission of any false statement / documents including concealing of any information is likely to disqualify the bidder.
- j) The procurement is subject to technical demonstration by the bidder.
- k) The purchase will be made in accordance with PPRA Rules, 2004.
- l) The procedure of Single Stage-Two Envelops shall be followed for the tender. Every bidder shall place their Technical Proposals and Financial Proposals in separate envelops and the terms "Technical Proposal" and "Financial Proposal" shall clearly be written on each envelop.
- m) Supply of video conferencing system hardware and software.
- n) Provide local support and maintenance of the system after commissioning.
- o) All equipment needs to be covered with 3 year warranty with parts, support and services (Warranty shall start after commissioning & acceptance).
- p) Guarantee from principal that the system will operate according to standards and ensures that the full warranty will apply for 3 year with necessary software upgradation as per the release from the manufacturer for the period of 3 year.
- r) The suppliers must have to be in the business for the Supply, video conferencing system for the last Three (3) years in Pakistan.
- s) All system should have 1080p camera and supports 1080p codec required only software key for activation.
- t) Firm must provide the authorized dealership certificate issued by the manufacturer.
- u) The successful firm must arrange for Onsite training for video conferencing system and its associated hardware & software from certified training specialists.
- v) The firm should provide the "Term equipment Certificate" which be issued by the **Pakistan Telecommunication Authority** (P.T.A) in respect of the firm/ Messer who would participate in the tender.
- w) Pre-bid meeting with Vendors will be held before 5 days of opening the bidding date.


  
(ALTAF HUSSAIN)  
Section Officer (Services)

## General Specification for Audio & Video Conferencing System

S.No	Item Description	Specifications	Qty	Compliance y/n
01	<b>Video Conferencing Equipment</b>		02	
1.1	Video standards and protocols	<ul style="list-style-type: none"> <li>• H.264, H.264 High Profile IP, H.263++, H.261</li> <li>• H.239</li> <li>• H.263 &amp; H.264</li> </ul>		
1.2	Minimum Participant video resolution	720p, 30 fps from 512 Kbps		
1.3	Content video resolution	HD (1920 x 1080) - WSXGA+ (1680 x 1050) - SXGA (1280 x 1024) - HD (1280 x 720) - XGA (1024 x 768) - SVGA (800 x 600) - VGA (640 x 480)		
1.4	Video Input	2 x HD Camera 1 x DVI-I 1 x S-video		
1.5	Video Output	2 x DVI-I HD video out or HDMI Ports 1x S-video		
1.6	Audio Standards	G.711, G.722, G.722.1, G.728, G.729,		
1.7	Audio Input	3 microphone arrays supported or higher 1 x PC audio		
1.8	Recording Port	Codec must have recording port		
1.9	Playback port	Codec must have playback port		
1.10	Network	<ul style="list-style-type: none"> <li>• 10/100 auto NIC (RJ45)</li> <li>• H.323 and/or SIP up to 4 Mbps</li> <li>• SIP Firewall Traversal</li> <li>• 1 x RS232 for camera control</li> <li>• H.320</li> <li>ISDN Quad BRI, PRI, T1 or E1</li> </ul>		
1.11	Security	<ul style="list-style-type: none"> <li>• Secure web</li> <li>• Security mode</li> <li>• Secure password authentication</li> </ul>		
1.12	Microsoft OCS	It must support Microsoft OCS, Microsoft lync server and client.		
1.13	Others	<ul style="list-style-type: none"> <li>• The video Conference System should have facility of automatic noise reduction, automatic gain control and echo cancellation.</li> <li>• The video Conference System shall support Built-in management tool for configuration, backup and restore.</li> <li>• The video codec should ready both IPv4 and IPv6.</li> <li>• The video codec shall provide support for H.323 for each participant in a multipoint call.</li> <li>• The Video Conferencing System must be capable to call on IP and ISDN.</li> <li>• The Video Codec must have PSTN Port.</li> <li>• The Video Codec must have Network Sharing Port.</li> </ul>		



	Extra Mic	Extra Mic with Mic cable for Video Conferencing System	01	
	<b>HD Camera</b>		<b>02</b>	
2.1	Camera Type	1/3" CMOS		
2.2	H/V resolution	1920 x 1080p		
2.3	Output	SMPTE 296M 1280 x 720p60, SMPTE 274M, 1920 x 1080p, 60/50		
2.4	Zoom	12 x optical		
2.5	Focus	Auto		
2.6	Min. illumination	50 lux		
2.7	Exposure	Auto iris, AGC		
2.8	SNR	50 dB		
<b>03</b>	<b>Recording Equipment for Video Conferencing System</b>		<b>02</b>	
3.1	Recording Equipment for Video Conferencing System	Recorder must have following functions: <ul style="list-style-type: none"> <li>All available connection ports for recording.</li> <li>seamless integration with video conferencing system</li> <li>At least 1TB Hard disk for recording</li> <li>Playback option, USB support and writeable disk functionality.</li> </ul>		
<b>04</b>	<b>Audio Conferencing System</b>		<b>02</b>	
4.1	Audio Conferencing System	<ul style="list-style-type: none"> <li>Must have same brand as well as video conferencing system.</li> <li>Full HD audio conferencing protocol.</li> <li>Built in LCD and Keypad.</li> <li>Extra mics supportive</li> <li>Wired or wireless connectivity.</li> <li>Analog technology.</li> <li>Omni direction speakers and Microphone.</li> </ul>		
4.2	Extra Mic	Extra Mic pair	02	
<b>05</b>	<b>HD Display</b>		<b>02</b>	
5.1	HD Display	<ul style="list-style-type: none"> <li>Full HD Display smart 65" or above (Sony or Equal), Component Audio/Video, VGA, HDMI etc.</li> <li>Display should support 1080p HD Resolution.</li> </ul>		
<b>06</b>	<b>Video Conferencing Trolley</b>		<b>02</b>	
6.1	Video Conferencing Trolley	<ul style="list-style-type: none"> <li>Should be stainless steel make</li> <li>Should be able to mount following items <ol style="list-style-type: none"> <li>Camera</li> <li>Codec.</li> <li>Display.</li> <li>All cable with integrated sound system.</li> </ol> </li> </ul>		
<b>07</b>	<b>License</b>			
7.1	Multipoint License	Multipoint License should also be furnished by the firm.		
7.2	1080p license	1080p license should also be furnished by the firm.		

  
**(Muhammad Ahsen Azim)**  
System Network Administrator