Bill of Material without Prices (BOM)

(Format to be used for submission of "Technical BID" only)

S.No.	Item Description	Total units	Make, Models etc	Compliance (Yes/ NO/ Partial)
A.				
1.	**Main Site, Central Office Building, Mumbai :** MCU with redundant power supply & populated with 24 ports i.e. 16 sites on IP@ 384 kbps upto 768 kbps and 8 sites on ISDN@ 384 kbps as per the specifications mentioned (As per Annexure IV) with 30 fps.			
	MCU	1		
	Card/Element for 16 sites on IP	--		
	Card/Element for 8 sites on ISDN	--		
	16 Party CPP *	--		
	Other cards (Video, Audio, T.120, PRI/E1 ISDN card, etc.)	--		
2.	Front End Projection System (Annexure IV-B)	6		
3.	Motorized Projector Lift (Annexure IV-B)	6		
4.	Touch Panel System (Screen and Control System with Processor) (Annexure IV-D)	2		
5.	Document Camera (Annexure IV-C)	1		
6.	Additional Second PTZ Detachable Camera (Annexure V)	1		
7.	Additional Hardware accessories, components, etc. if required (give item-wise details for each component offered and quoted) for implementing the total solution:			
8.	Group Video Conferencing System with built in multi point capability for 4 sites @ 384Kbps on ISDN-PRI or 4 sites @ 384Kbps upto 768 kbps on IP including Codec, Detachable Camera unit, Microphone, Infra red remote control (as per Annexure V)	16		
	Wall mounted Plasma Screen with integrated sound and accessories(as per Annexure V)	11		
	Digital TV Tuner Card for Plasma Screen	11		
	Built-in MCU software for 4 sites @ 384Kbps on ISDN-PRI or 4 sites @ 384Kbps upto 768 kbps on IP in End Point.	16		

S.No.	Item Description	Total units	Make, Models etc	Compliance (Yes/ NO/ Partial)
9.	Video Conference Recorder (Annexure IV-G) System	1		
10.	Audio Speaker set (150 W) for Conference Room	1		
	Sub-total:			
B.	**Comprehensive one year AMC for system administration and maintenance after one year warranty (Hardware and System software)**			
C.	**Centralised Web based Management Software**			
9.	Centralised Management Software to manage all End Points with one year assurance (upgrades/updates/version)			
10.	Per site license charges, if any, for Centralised Management Software.	--		
11.	Additional Software components (**Management / Gatekeeper / Gateway etc. software's) and Licenses** etc., (give item-wise details for each component offered and quoted) for implementing the Total Solution.			
D.	**Server/PC Systems (Hardware and system software) for Management/Gatekeeper/Gateway etc. software's (Annexure IV-E)**	As required		
	Redundant Gatekeeper Software	1		
	Server/PC System for redundant Gatekeeper software (Annexure IV-E)	1		
E.	**Installation and Customization Charges, etc., if any for all the above hardware and software products:**	----		
F.	**Training Charges**			
G.	**Per annum Charges of one on-site full time System Administrator at the Main Site.**	----		
	Sub Total			
12.	**Total (A+B+C+D+E+F+G):**			
13.	Additional/Optional Components			
	a.	One Colar microphone	1	----	
	b.	Hypercardiod microphone	1		
	c.	Audio Speaker sets (150 W)	1	----	
	d.	One PTZ Camera	1	----	
	e.	T.120 card (number of users per card to be mentioned)	--		

S.No.		Item Description	Total units	Make, Models etc	Compliance (Yes/ NO/ Partial)
	f.	**Continuous Presence Party (CPP) Card** (number of users per card to be mentioned)	--		
	g.	IP Card (12/24/48/60 etc) for MCU (number of users per card to be mentioned)	--		
	h.	ISDN (8/16/32 etc) Card for MCU (number of users per card to be mentioned)	--		
	i.	Video Card	1		
	j.	Audio card	1		
	k.	Codec and accessories	1		
	l.	High end Screen (Annexure IV-F)	1		

* Equipped with 16 Continuous Presence Party (16 CPP) i.e. in any conference 16 participants should be seen on screen with 16th participants as voice activated.

It should be usable in any combination i.e. 1 conference of 24 parties or 2 conference of 12 parties and so on up to 12 conf of 2 parties each.

During any of the above-mentioned CP conferences complete Transcoding and frame rate should be available. Video rate should be maintained at 30 fps during the Video Conference.

* The System(s) should be from OEM having ISO 9000 or similar Certification