

Annexure-c to Tender BAP/CAP/2013-14/OT-26

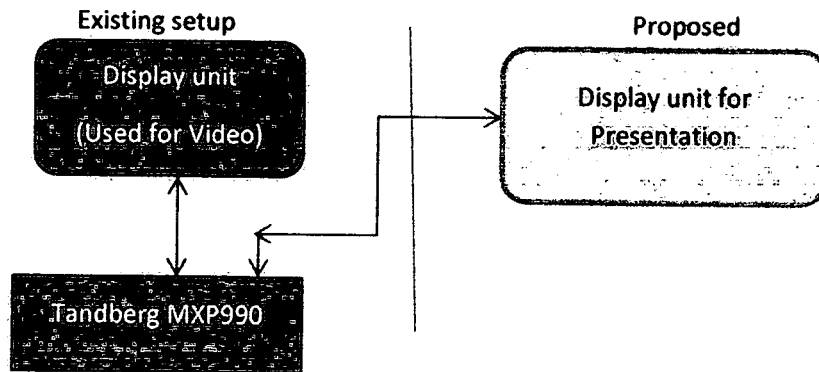
Additional Display unit for Videoconferencing setup

Specification Number: BAP: IC: TS: DISPLAY UNIT: 001

Date: 07.01.2014

Scope:

Supply, installation, commissioning the Display unit with the existing videoconference set-up shown below:



Vendor should supply the Display unit (as per the specification given below) along with the required cables and accessories and connect with the existing VC setup (Tandberg MXP 990). Vendor should demonstrate that presentation is coming in this display unit during video conference.

Technical specification for Display unit

S.No	Parameter /Feature	Basic requirement	Vendor Compliance	Remarks
1	Technology	Should be LED based minimum 55" Display Unit		
2	Resolution	Should support HD 720p @ 30 fps & Full HD 1080p @ 60ps		
3	Contrast Ratio	2000:1 or above		
4	Aspect Ratio	Should support aspect ratio 16:9 & 4:3		
5	Brightness	350cd/sq.m or above		
6	Viewing Angle	Minimum 178 degree (horizontal) Minimum 178 degree (vertical)		
7	Display Colors	Should support 1.07 billion or above		
8	Supported Display Resolution	Should support computer formats: 640*480, 60Hz, 800*600, 60Hz, 1024*768,60Hz		

Jaynarayan

9	Sound	<ul style="list-style-type: none"> • Should come with auto volume leveller, sound enhancer • Digital Signal Processing, • Dynamic Bass Enhancement, • Graphic Equaliser, Smart Sound • Dolby Digital 		
10	Speakers	Speakers 2x10W or higher		
11	Connectivity / Interfaces	The display unit should have following min. interfaces :		
		1 HDMI interface		
		1 DVI interface		
		1 RGB		
		Component (Y, Pb, Pr) & Audio		
		Composite Video		
		1 AV In		
12	Power	Should work on AC 220-240 V +/- 10%		
13	Compatibility	Should be compatible with the video conferencing equipment available at BHEL (Tandberg MXP 990)		
14	Accessories	<ul style="list-style-type: none"> • Should come with wall mounting bracket, connectors, • Should also come with 2 sets of all necessary cables to connect to the Video Endpoint, Component cable, PC, Projector, power cables, etc. • Should come with the remote control to operate the system 		
15	Warranty	Two years		

Note: BHEL will not provide any cables/accessories for this work. Vendor has to include all the cables/accessories required for this work along with the display unit.

Jaynarayan

M. C. JAYANARAYAN

ENGINEER / IC