

A. Introduction

SBI Life Insurance company limited (SBIL) is replacing the present display with associated supporting devices at the board room of its Corporate Headquarters located at Natraj Andheri.

B. Present Setup

Presently we have a 103-inch Panasonic plasma display with Supporting VGA devices and interfaces. The present setup was implemented in the year 2011

Following is the brief setup details

- 1) The Board room table has 7 number of Cable cubbies
- 2) Two overhead documents reader
- 3) One Display Screen
- 4) One Projector
- 5) Group 700 Polycom codec with two Cameras
- 6) Blu Ray disc interface.
- 7) Audio system with required interface and amplifiers.
- 8) Ipad based controller to Control the various components.

C. Scope of Work (Functional requirement)

We wish to replace the present 103-inch plasma Panasonic display with a 130-inch display supporting 4K functionality along with the associated Devices.

We wish to provide the following brief functionalities.

- 1) Display has to be upgraded to Active LED of 130 inch and above.
- 2) End-user should be able to use existing/their own laptops, i-pad's, tabs for the screen mirroring of the content presented on the LED wall
- 3) Wireless Presentation capability also has to be part of the solution
- 4) VGA systems to be upgraded to 4K supported systems
- 5) Cable cubbies should have HDMI as well as USB-C inputs
- 6) All the controls for this should be integrated with the present Ipad based controls
- 7) An additional TV screen monitor to be placed in front of the MD chair which will replicate the main display but not obstruct the view.
- 8) Present document scanner to be replaced with document scanner of similar specifications or better with 5-year support.
- 9) The following devices should be considered for input.
 - I. 7 cable cubbies
 - II. 1Polycom VC (Group 700 device with two cameras).
 - III. 1 Content sharing for Video Conferencing.
 - IV. Wireless presentation system.
 - V. Two document scanners.
 - VI. One additional input port available for future use.
- 10) Following are the output device
 - I. Display Screen
 - II. Chairman Display
 - III. Projector

D. Terms and Conditions

- a. Required license for integration of iPad with control system to be quoted along with effort of programming under commercial bid.
- b. Integration /Programming of the new display setup with our present audio setup
- c. Integration / Programming of the new Display setup with our present VC setup so that the Video conferencing functionality does not change. We have functionality like look at me etc.
- d. To do complete cabling and all types of Connections and Termination of the Cabling into appropriate Connectors and plugs
- e. Maintenance period of the supplied and commissioned items/equipments is mandatory for 3 years warranty. 4th & 5th year AMC prices to quote if SBI Life may wish to extend additional 2 years i.e. 4th and 5th if required.
- f. While evaluating Commercial bids 5-year TCO will be taken in to consideration with suggested BoQ and solution.
- g. Commercial comparison will be done for entire solution and SBI Life will not compare individual items. It is a turnkey rollout for requirement as defined in Scope of work and Functional requirement.
- h. The specification required for the equipments in the project is as below for few important devices however vendor but not limited to supply and integrate other associated equipments, components, licenses etc to deliver required functionality.

1. Screen Specification (Make – LG/Samsung/Christie/ Barco)

The Active LED video screen should be of 130" and above based on our boardroom design and screen space availability. The brief specification that should be met by the screen is

Size of LED Screen:	Min. 130" diagonal or more
Minimum Total Resolution of Screen:	1920 x 1080 or more
Design:	Modular Design with 16:9 Aspect ratio.
Brightness (TYP):	Min. 800 nits and more
Contrast ratio (TYP):	3000:1 or more.
Viewing angle:	160° or more (Horizontal & Vertical).
Inbuilt Connectivity Ports:	3 x HDMI, 2 x USB, Control Port, Audio out.
LED life span:	1,00,000 hrs.
Spares:	One full cabinet.
Support	3-year warranty + 2 years support. (Total 5-year support)
Manufacturing country:	The product should not be manufactured in China. (Adequate proofs to be provided)

2. Chairman Display (Samsung/LG)

Diagonal Size :	55"
Resolution:	3,840 x 2,160 (UHD)
Brightness(Typical) :	500 nit or better
Input:	HDMI (3), DP, DVI-D, Audio, USB 2.0 (2)
Display should be supplied with low level trolley	

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3. **Wireless Presentation Device**

HDMI Wired Input — Enables hard-wiring your computer or other HDMI compatible device such as a camera, multimedia player or computer.

60fps Streaming Multimedia — Share HD wireless video streaming (using the VIA app Multimedia feature).

Wireless Connection for up to 254 Devices.

iOS and Android Mirroring.

Optimized for Video Conferencing

Seamless Live Video Streaming

Wireless Device Connectivity

DHCP Support.

Graphic Output Formats — Outputs to either an HDMI or Mini DisplayPort display.

Cloud-Based File Sharing

Whiteboard Support.

Connect & Collaborate — With industry leading Zoom™, BlueJeans™ and Teams™ apps, Digital Signage

Multilingual Support — Experience VIA in your language.

Ports: 4 USB: On USB 3.0 Type A connector 1 LAN: On an RJ-45 connector,

Input: 1 HDMI: On a female HDMI connector,

Output: 1 HDMI: On a female HDMI connector

1 DisplayPort: On a mini DisplayPort connector

1 Headphones/Speakers: On a 3.5mm mini jack

Video: Max. Resolution for the HDMI Input: 1080p@60Hz General :

Main Memory: 4GB, high speed

Storage: 32GB, solid-state drive

LAN: Gigabit LAN

4. **Video Switching and Controlling Devices (Herman/Crestron/Extron/AMX)**

The Video switching and controlling system should be as per your design parameters As per the brands specified.

5. **Cable Cubby**

We Presently have the Cable cubby of Extron 200 make. The new cable cubby should be inline with the same to avoid much carpentry work on the boardroom table. The cable cubby should have the following Connectors.

- 1) One power Supply
- 2) USB charging point
- 3) HDMI connector
- 4) USB C connector.

We should have the following convertors provided also:

- 1) HDMI to USB 3.0 convertors 4 nos.
- 2) HDMI to VGA Convertor 2 nos.

6. **Document Camera:** (Lumens, Vaddio , Wolfvision)

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The present document camera Wolf vision VZ -CI2 is out of support and needs to be replaced with a Equivalent or better product with a 5 year support.

- Full HD 1080p high definition output resolution
- Zoom Capacity 30x optical zoom and 5x digital zoom
- Capture Area Max. 2100 x 1500 mm
- Built-in Memory 120 JPEG images

7. Switch (Cisco POE)

- The switch should be Manageable Cisco POE switch.
- 48 x PoE+ Gigabit Ethernet Ports
- 2 x GbE Combo Ports + 2 x SFP Slots
- 740W Dedicated PoE Power

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