

## **DIGITAL SIGNAGE SYSTEM SPECIFICATIONS**

BHEL PSSR Chennai is in requirement of complete Digital Signage solution. Please find below the complete requirement.

#	Description	Qty
1	46" or larger wall mountable LED display	2
2	External Digital Signage Media Player along with the licensed software (lifetime valid)	2

Content Management Software (CMS) or the access to upload the content to both the media players as well as to customize the content is required. (In case the CMS software is not installed on the media player, licensed version of the software shall be provided to upload and customize the content for both the displays. In case the CMS software is installed on the media player, a console or access to upload the content to the media player shall be provided and this shall be network based upload and not cloud based.)

### **Display Specifications**

- Size should be a minimum of 46 inches.
- Brand - Samsung or Sony or LG or Panasonic.
- Mounting – Wall.
- Input - HDMI, VGA and USB input.
- Resolution – Full HD (1920 by 1080 pixels).
- Warranty – 1<sup>st</sup> year. Extended comprehensive warranty for 2<sup>nd</sup> and 3<sup>rd</sup> year from the OEM.
- The display should be compatible for Digital Signage application with integration to the item mentioned in Sl. No. 2

### **Digital Signage Player Specifications**

- The player should be compatible with the display mentioned in Sl. No. 1 for displaying and managing the content.
- Internal Memory – minimum 16 GB. Player should locally store content and play in case of non-availability of network.
- Output – VGA, HDMI and AV ports.
- LAN connectivity/RJ 45 port and USB Ports.
- Warranty – 1<sup>st</sup> year. 2<sup>nd</sup> and 3<sup>rd</sup> year comprehensive AMC (Total 3 years).

### **Management Software/Console**

- Images, videos, RSS feeds, presentations/slideshows etc. can be displayed simultaneously in customized themes.
- Web interface
  - Remotely manage and upload content to the media players through network and not through cloud.
  - Split the screen into different regions and populate with the above stated items (customized themes).
  - Create a playlist and play the content in a loop.
  - Supports Windows 7, 8 and 8.1 and Linux OS.
- Images
  - Supports JPG, BMP, PNG and GIF formats.
  - Display in both landscape and portrait modes.
  - Supports stretch to fit.
- Videos
  - Supports MP4, AVI, MOV, MPG, MPEG, FLV, MKV and VOB formats.
  - Supports 1080i resolution videos.
  - Supports stretch to fit.
- Audios
  - Supports MP3 and WAV formats.
  - Audio only playlist can be set for background music.
  - Option to mute the audio when required.
- Scrolling Tickers can be displayed along with the images/videos/slideshows.

### **P.S.**

- All related cables and connectors shall be supplied along with the above mentioned items.
- Installation, commissioning, testing and training for the complete system shall be done at BHEL PSSR Headquarters, Nandanam, Chennai.
- The rates quoted shall be inclusive of all the above.