

AMARAVATI DEVELOPMENT CORPORATION LIMITED
RFP for Refurbishment of Scrap Park-Construction, Supply, Installation and Commissioning of
Waterfall type Water fountain and Video wall at Scrap & Sculpture Park Opp. Police Control
Room, Vijayawada with 5 years of Operation & Maintenance.

RFP No: 21/CE/ADCL/2017 dated 03 - 10 - 2017.

ADDENDUM-I, dt.20.10.2017

Annexure – II (A) – TECHNICAL SPECIFICATIONS

2. Video Wall

Specification of Content Management Software

Functional Requirements:

Content management software with player software, server software, client software etc shall be provided for the LED Video Walls,

The Content Management Software shall be either web-based application with central server or client-server based application. The users shall be able to access and modify the contents in the multiple video walls through client software/ web page from remote locations through VLAN.

It is preferred a single content management software to provide and modify contents in all the video walls through single user computer (client computer).

The contents shall be pushed from user computer to central server to the content media player installed locally at the Video Walls at different locations through IP network.

Vendor Should provide VLAN connectivity to the communication room near to the Video Wall location and near the user location. The laying of network cable (Cat 6) from the communication room to the Video walls and to the user locations is in the scope of the work

All the supporting software, applications, drivers, database etc required for the software shall be included in the tender

Following features are required in the content management software:

- Scheduling and managing contents in multiple displays (including time scheduling of various inputs)
- Dynamic architecture which supports displays of scripts, messages, videos, flash, or static images etc simultaneously.
- Shall support all the standard audio, video and flash files.
- Dynamic allocation of screen area in which multiple contents (multiple file types) are displayed in multiple screen area.
- Multiple groups/ types of displays shall be able to be created and displayed at different video walls simultaneously.
- All the changes incorporated made in the contents/ files/ texts etc shall be updated in the relevant displays without affecting the dimension of allocated screen area.
- Necessary log/ audit trail shall be provided for monitoring/ tracking the activities in the software.
- The contents to be played shall be downloaded from the server to the content media player and the contents shall be played from the content media player.

- During network failure, contents stored in the content media player shall be played locally.
- Multiple user access rights. User access rights shall be able to be provided for specific users
- User interface for management and monitoring
- Scalable architecture for adding additional display panels
- Shall be compatible for 24 x 7 operation
- shall support multiple display resolutions
- Supported OS: Latest Windows, Linux, Android etc.,

Computer for Content Management Software (Minimum specification/ requirement)

Processor	: 4th Generation Intel i7 Processor (3.4GHz) or higher
Motherboard	: OEM Motherboard
Memory	: 8GB, 1600MHz DDR3, DIMM Slots should be free for future upgradation
Graphics card	: 1 GB Nvidia Graphics Card
Hard Disk	: 2TBGB, 7,200 RPM HDD
Monitor	: 18.5" / 19" Wide Screen Monitor with LED Back Light
Accessories	: USB Keyboard (104 keys) with back lits, Optical USB Mouse,16X DVD+/-RW Drive
Ethernet Interface	: Integrated 1 Gigabit Ethernet Interface
Ports	: 4 USB Ports, RJ-45, HDMI port, VGA, Line in, Line out, Mic-in, Audio
OS	: Windows 7 or 10 OS compatible with the supplied software.
Make	: Dell/HP

Content Media Player

The content media player shall be suitable for installing the Content Management Client Software and for playing the contents smoothly and satisfactorily as per tender requirement.

The minimum specifications are as follows:

Processor	: Intel i7 Processor or higher
Motherboard	: OEM Motherboard
Memory	: 4GB, 1600MHz DDR3, DIMM Slots should be free for future upgradation
Hard Disk	: 2TB, 7,200 RPM HDD
Monitor	: 18.5" / 19" Wide Screen Monitor with LED Back Light
Accessories	: USB Keyboard (104 keys), Optical USB Mouse, 16X DVD+/-RW Drive
Ethernet Interface	: Integrated 1 Gigabit Ethernet Interface
Ports	: 4 USB Ports, RJ-45, VGA, HDMI Port, Line in, Line out, Mic-in, Audio
OS	: Windows 7 or 10 OS compatible with the supplied software.
Make	: Dell/HP

Other Specifications:

1. Live Connectivity: Dish TV Platform provision
2. Internet Provision- Broadband service:
Unlimited data usage both for upload & down load speed of 4Mbps.
3. Insurance is to be done and it is reimbursable.
4. UPS with 1 hour back up of suitable capacity for the system to be provided.


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