

Request for Proposal for for setting up of Centralized Command Center at Hyderabad and Chennai Data Centre - NPCI/RFP/2016-17/IT/005 dated 24.08.2016

S.No	Document Reference	Page No	Clause No	Description in RFP		Additional Remarks (if any)	NPCI Response
1	Section 9 - Technical Specifications	29	Contrast ratio	Should be minimum 4000:1	PI allow dynamic contrast ratio depends upon panel technology of different OEM		No Change
2	Section 9 - Technical Specifications	29	Response Time	8ms	PI Change to 12ms or less because it depends upon panel technology of OEM.		No Change
3	Section 9 - Technical Specifications	29	Input Terminals	1x BNC CVBS video	None of OEM having BNC Port . As the technology migrate to HDMI or DVI. Request to be removed.		This is optional
4	Section - 9 : Technical Specifications	29	Contrast Ratio	4000:01:00	Contrast Ratio depends on type of panel manufacturing technology. Widely IPS and VA panels are used in industry. For both this panels, contrast ratio is different as the basic manufacturing technology is different.	Suggested parameter: • For VA panels - 4000 : 1 • For IPS panels - 1400 : 1	No Change
5	Section - 9 : Technical Specifications	29	Input Terminals	1 x BNC CVBS video	BNC CVBS is out dated port in Video industry as it is pure Analogue terminal. The latest Video interface with high video bit rate is Display Port (DP) which is very commonly used by all major OEMs.	Suggested parameter : 1 x Display Port (DP 1.2)	This is an optional
6	Section - 9 : Technical Specifications	29	Output Terminals	1 x Digital DVI-D	For looping purpose all major OEMs have upgraded the output port to Display Port (1.2). This gives a very specific advantage of higher video bit rate. Also, DP 1.2 loop circuit allows to stream 4K (Ultra HD) videos on video wall, which is not possible in case of DVI-D loop circuit.	Suggested parameter : 1 x Display Port (DP 1.2)	Upgraded version can be quoted
7	Section - 9 : Technical Specifications	30	Display & Controller	Display & controller should be from the same manufacturer	Along with LG, many other reputed manufacturers are in the field of manufacturing only Video wall panels being specialized in manufacturing heavy duty display panels. These OEMs are having almost 90% of market share in Video wall panel sale. Also, the panels are working on open topology architecture which can be seamlessly integrated with any best controller hardware available in the display industry. Also, the video wall controller manufacturing OEMs are actually outsourcing the panels and selling under their brand name. They have the expertise on designing the hardware and software of controllers. Hence all major installation in the industry are using the combination of a good Display panel + good controller. This parameter also restricts major OEMs to quote for this tender.	Suggested parameter : The video wall displays should be seamlessly integrated with controller of asked specification as per tender.	Changed to "Display & Controller should be seamlessly integrated of the specifications requested for"
8	NPCI / RFP/ 2016-2017/IT/005	29	Section 9 - Technical Specifications	Input Terminals	RS422 RJ45	Usually found in Industrial Monitors for PLC/SCADA Automation in Commerical Display	No Change

9	NPCI / RFP/ 2016-2017/IT/005	29	Section 9 - Technical Specifications	Input Terminals	(Micro USB) wifi connect port	Since the displays are going to be connected from videowall controller , the connectivity is either through DP Loop In-Out or direct sources connected to individual displays.	No Change
10	NPCI / RFP/ 2016-2017/IT/005	30	Section 9 - Technical Specifications	Display & Controller	Display & Controller should be from the same manufacturer	This restricts the competition, as only a very few companies manufacture both items. Most of major screens manufactures do not manufacture video wall controllers and have tied up with reputed international VW controller manufacturer. So, this clause should be accordingly changed.	Changed to "Display & Controller should be seamlessly integrated of the specifications requested for"
11	NPCI / RFP/ 2016-2017/IT/005	30	Section 9 - Technical Specifications	Processor options	Xeon/ i3/i5/ i7	Supports Xeon	No Change
12	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Control functions	Brightness / contrast / saturation/ Hue/ Filtering/ Crop / rotate	Require specific display integration with screen manufacturers software. We will need the software details and supported platform/OS. In principle it is possible to install the software in our controller and manage the screens.	No Change
13	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Layout Scheduler	All the Layouts can be scheduled as per user convenience	Comply	No Change
14	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Layout Scheduler	Software should support auto launch of Layouts according to specified time or event by user	Time base - Comply; For event, the customer need to say what event will trigger the change and which layout to open once this trigger sent and send a proper command from the events systems to the controller using the controller API - to be done by customer, at our end it is possible.	No Change
15	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Launch Application	Software should be able to support	Need application Details to be supported	No Change
16	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Integration with 3rd party devices	System should offer interface to enable control from 3rd party devices like Creston ,AMX etc	add API	Changed to "System Should offer API functionality to enable control from third party devices"
17	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Live Preview	Software should able to provide live preview of videowall	Comply (in client)	No Change

18	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Work space allocation	System should provide functionality to the administrator to define and allocate work space for a particular operator or a group of operators when working on a Video wall	No, to be clearly defined by customer, as the specs are clearly for display on VW, and only this specs talks about any work to be performed by VW or a part of it.	No Change
19	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Authentication	Software should offer 4 levels of Authentication (User accounts, Permissions for functionality & Roles etc).	Comply (6 levels)	No Change
20	NPCI / RFP/ 2016-2017/IT/005	31	Section 9 - Technical Specifications	Offline Layouts	It should be possible to create offline layouts	Comply (in client)	No Change
21	NPCI / RFP/ 2016-2017/IT/005	32	Section 9 - Technical Specifications	HDMI Cables	Depending on the proposed solution the requirement of HDMI cables has to be provided	Mention Length of HDMI Cables	No Change
22	Section - 9 : Technical Specifications	29	Contrast Ratio	4000:01:00	Contrast Ratio depends on type of panel manufacturing technology. Widely IPS and VA panels are used in industry. For both this panels, contrast ratio is different as the basic manufacturing technology is different.	Suggested parameter: • For VA panels - 4000 : 1 • For IPS panels - 1400 : 1	No Change
23	Section - 9 : Technical Specifications	29	Input Terminals	1 x BNC CVBS video	BNC CVBS is out dated port in Video industry as it is pure Analogue terminal. The latest Video interface with high video bit rate is Display Port (DP) which is very commonly used by all major OEMs.	Suggested parameter : 1 x Display Port (DP 1.2)	This is an optional
24	Section - 9 : Technical Specifications	29	Output Terminals	1 x Digital DVI-D	For looping purpose all major OEMs have upgraded the output port to Display Port (1.2). This gives a very specific advantage of higher video bit rate. Also, DP 1.2 loop circuit allows to stream 4K (Ultra HD) videos on video wall, which is not possible in case of DVI-D loop circuit.	Suggested parameter : 1 x Display Port (DP 1.2)	Upgraded version can be quoted
25	Section - 9 : Technical Specifications	30	Display & Controller	Display & controller should be from the same manufacturer	Along with LG, many other reputed manufacturers are in the field of manufacturing only Video wall panels being specialized in manufacturing heavy duty display panels. These OEMs are having almost 90% of market share in Video wall panel sale. Also, the panels are working on open topology architecture which can be seamlessly integrated with any best controller hardware available in the display industry. Also, the video wall controller manufacturing OEMs are actually outsourcing the panels and selling under their brand name. They have the expertise on designing the hardware and software of controllers. Hence all major installation in the industry are using the combination of a good Display panel + good controller. This parameter also restricts major OEMs to quote for this tender.	Suggested parameter : The video wall displays should be seamlessly integrated with controller of asked specification as per tender.	Changed to "Display & Controller should be seamlessly integrated of the specifications requested for"

