

1. Digital Video Wall - Tower type /Wall Mounted (55")

S.No	Description of the Features	Minimum Quantity of the features required	Offered by the Contractor
1.	Manufacturer		
2.	Model No.		
3.	Display technology (DLP)	LED LIT LCD PANELS	
4.	Each module size	55" Diagonal	
5.	Aspect ratio	16:9	
6.	Colors	16.7 million	
7.	VPS projector resolution	Minimum 1920x1080 (Full HD)	
8.	Inter modular gap	< 1.0 mm	
9.	Screen border	0 mm (No border)	
10.	Horizontal & Vertical viewing angle	$\pm 160^{\circ}$ (approx.)	
11.	Luminance measured at the screen	Minimum 170 candelas/sq.m	
12.	Median LED life	Minimum 55000 Hours	
13.	Centre to corner uniform brightness	> 90%	
14.	Brightness adjustable through software	Yes	
15.	Contrast ratio	1500:1	
16.	Operating temperature range	16 – 30 ^o C	
17.	Operating Relative Humidity	20-80% non-condensing	
18.	Number of Modules	4x2 matrix (8 nos.)	
19.	Input in Panel	2*DP-in, 2*HDMI, 1*DP-out	
20.	PC connectivity	PC connectivity with DVI/HDMI/LAN via Video Wall Controller	
21.	Mounting	Wall mounting	

Controller Features:			
22.	RAM	16 GB expandable to 32 GB	
23.	Internal Auxiliary Memory	480 GB	
24.	Optical Drive	DVD±R	
25.	User Interface	Keyboard & Optical Mouse (dual band wireless)	
26.	Ports	HDMI Port: 2 nos., Ethernet Port: 4 nos., USB 3.0 : 4 nos., DVI port: 4 nos.	
27.	Interface with VPS	Audio video signal input module with 2 video, 2 audio & 2 RGB inputs each.	
28.	Types of video signal to be supported by Controller	RGB Analog up to 1920x1200 (up to 165 MHz pixel clock) DVI up to 1920x1200 (up to 165 MHz pixel clock).	
29.	Time synchronization	SNTP, NTP	
30.	Power Supply (in Watt)	Dual Redundant hot swappable (in Watt)	
31.	Heat Load		
32.	Streaming Video from Video Camera	Video Client Application Software	
33.	Capability to display Video directly from video camera	Yes	