



**Technical Specifications to be filled by the Bidders**

S.No	Description	P4 Outdoor	Compliance	Remarks
01	Pixel Pitch	4mm		
02	Pixel density	≥62500 Dots/SqMtr		
03	LED Lamp	SMD 2525		
04	Configuration	1R1G1B		
05	Size	320X160mm		
06	Weight	≤0.50 Kg		
07	Structure	Lamp & IC in same PCB		
08	Resolution	80*40=3200 Dots		
09	Max Current	<10.34A		
10	Input Voltage	4.5 V		
11	Power Consumption	<47W		
12	Driving Mode	Constant Current		
13	Brightness	>4500 cd/m2		
14	Bright Variation	20-100%		
15	Brightness Uniformity	>0.95		
16	Horizontal Viewing Angle	120-140 Deg		
17	Vertical Viewing Angle	120-140 Deg		
18	Best Viewing Distance	>4M		
19	Black Spot Ratio	<0.0003		
20	Max Power Consumption	<909 W/m2 Operation		
21	Operation Environment	Outdoor		
22	Grey Scale	14-16 Bits (RGB Each)		
23	Display Colour	≥4000 Billion		
24	Refresh Frequency	3840 HZ		
25	Life Span	>100000 Hours		
26	Material of Cabinet	MS Cabinet with wall mounted structure		

S.No	Technical Specifications (Cloud)	Compliance
01	Cloud Hosting on reputed hosting services like AWS / Azure /Google etc which can scale to support up to 10000 screens as the screen network grows without latency.	
02	Robust Business Continuity & Disaster Recovery Set-up	
03	Backup: Weekly Backup ,3 Month Backup will be kept	
04	Load Balancing Of Application Requests	
05	Security and network access Control	
06	99.00 % Uptime	

07	Server to be hosted in India	
08	Unlimited Displayed to be controlled	

**Approved Make of Materials**

S.No	Item	Make
1.	P4 – LED Module / Lamp	Qiangli, Unilumin, LG, Samsung, Osram, Novastar or Equivalent.
2.	Software	Huidu, 3M (Original Version) or Equivalent & Compatible with Bank's system containing all the features
3.	Controller	Novastar, C 10 (Original Version) or Equivalent & Compatible with Bank's system containing all the features.
4.	Outdoor SMPS	Meanwell, ADS
5.	MS Pipe / Frame	JSW, TATA

**Note –**

1. Materials mentioned in the specification shall be used for the work. If specified material is not available prior approval of the Employer shall be taken to use other brands.
2. Preference of makes, supply of items should be consulted with client/consultant before effecting of supply.

**NAME AND ADDRESS OF THE CONTRACTOR:**

**SIGN & SEAL OF THE CONTRACTOR**

**Date:**