

PATNA SMART CITY LIMITED

Address: 4th floor, ICCB Building, SSP Office Campus, North Gandhi Maidan Patna-800001,
Email: patnasmartcity.pscl@gmail.com
Website: smartpatna.co.in

SHORT TENDER NOTICE FOR DETERMINATION OF RATES

RFQ No: RFQ-09/MD/PSCL/2023-24

Dated:- 13.12.2023

Quotation are invited by Patna Smart City Ltd. for non-SOR Items, related to *Outdoor LED Screen inclusive of Supply, Installation, Testing, Commissioning along with necessary accessories/fixtures which to be installed at 50 locations in Patna*, Latest by 17:00 hours on 28.12.2023. The detailed technical specifications uploaded on PSCL website www.smartpatna.co.in may be referred for details.


Managing Director
Patna Smart City Ltd.

ज्ञापानं..... 324....., पटना, दिनांक- 13/ 12 /2023 ई०।

प्रतिलिपि:- निदेशक, सूचना एवं जन-संपर्क विभाग को स्थानीय/ महानगरीय स्तर के हिन्दी एवं अंग्रेजी दैनिक समाचार पत्र के संस्करण में प्रकाशित करने हेतु समर्पित।


Managing Director
Patna Smart City Limited

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RFQ No: -09/MD/PSCL/2023-24

Sl.no.	Details	Unit	Rate(INR)
1.	5.5mx2.75m Outdoor LED Screen. IP65 water & Dust Proof from front as well as Back side with LED Controller of Same Brand with Video Processor/Media player as required with all Structure (GI) & Enclosure as required at Site, including supporting power supply (UPS) with back of 30 minutes with following technical specifications complete in all respect as per Below Specifications with O&M for 5 years. The system must have integration capability of centralized application from Integrated Command & Control Center (ICCC) located in Patna.	35	
2.	8.53mx4.88m Outdoor LED Screen. IP65 water & Dust Proof from front as well as Back side with LED Controller of Same Brand with Video Processor/Media player as required with all Structure (GI) & Enclosure as required at Site, including supporting power supply (UPS) with back of 30 minutes with following technical specifications complete in all respect as per Below Specifications with O&M for 5 years. The system must have integration capability of centralized application from Integrated Command & Control Center (ICCC) located in Patna.	15	

Technical Specifications:

Physical Parameters	Preferred Make	LG / Samsung / Barco / Christie/ Delta/ NEC/3M or equivalent
	Minimum Screen Size	As per above specification of respective design
	Minimum Total Resolution of Screen	Minimum Resolution i.e. 576 x 432 or more
	Design	Latest Specification of product manufactured by the OEM to be quoted
	Pixel pitch	6.67 mm or less as per brand
	Pixel Configuration	SMD 3 in 1 LED Package
	Pixel Density	22500 pixels/m ² or more
	LED Chipset	Nation Star Gold or Cree or Nichia or Equivalent
	Weight per sqm	20kg or less
	Unit Case material	Magnesium or Aluminium
Optical Parameter	Brightness (Minimum Calibrated)	6500 nit or more
	Brightness Uniformity	97% or more
	Contrast Ratio	10000 or more
	Viewing Angle - Horizontal	160° or more
	Viewing Angle - Vertical	130° or more
	Colour Temperature	3,500 ~ 9,000
	Bit Depth	Minimum 14bit or more
Power Consumption - Max	600 (W/m ²) or less	

Operational Parameter	Refresh Rate	3,840 Hz or more
	Working Temperature	-20°C to 55°C
	Working Humidity	10%RH to 99%RH
	IP Rating Front	IP65
	IP Rating Back	IP65
	LED Lifetime	100,000 hours or more
Certifications	Standard Certifications / Test Reports	IP65 Dust & Water Protection Certification / IEC 60529 Test Report/equivalent
		CE LVD/equivalent
		UL/ETL/equivalent
		FCC/equivalent
		EMC/equivalent
		ROHS/equivalent
LED Controller of same Make as LED Screen with Original OEM Software for Configuration	Inputs	HDMI x 1(HDCP 2.2), DP x 1
	LED Controller of Same Make as LED Screen	Yes
	Resolution Supported	3840x2160 @ 60HZ or better
	Output Pixel	8.2 Million or more
	Control Ports	RS232C Loop, LAN & 4G/5G SIM
	LAN Output	Minimum 08 or more
	Temperature Sensor	Yes
	Chrome Adjustment	Yes
	Original LED Configuration Software of LED Screen OEM	Yes
	Technical parameters of the LED screen (Pixel Density of Model Point)	P6 or above
	Brightness Adjustment	Yes
	Panel opening/close sensor	Yes
	Scaling	Yes
	HDR 10	Yes
	Inbuilt Digital Signage Media player & Software for designing and playing content on Screen and can be controlled separately	Yes
	Controller Certifications	CB, UL, BIS
	Capability to Divide Screen into Multiple Zones and Play Different Images., Video, URL, HDMI input etc in Zones	Yes
	Operating System & inbuilt Memory	Yes
	Signal Redundancy Support	Yes
	BIS Certification for LED Controller	Yes

Note :- Rate quoted should be inclusive of all types of taxes etc.

TERMS & CONDITIONS:

1. Quotations must be submitted on letter head with GST no with complete address of the firm and should be addressed to the **Managing Director, Patna smart City Limited**, 4th Floor, ICCC Building, SSP Campus, Gandhi Maidan Patna-800001 Bihar.
2. The Quotation submitting firm need to submit the '**unit price rate**'.
3. Price quotation must be inclusive of supply, installation, testing, commissioning and all other taxes/overheads and O&M for 5 years.
4. Quotations submitted by the bidder shall remain valid for 180 days.
5. PSCL reserves all right to except/reject any or all offer received at sole discretion without assigning any reasons, whatsoever.
6. Last date Submission of Quotation is **28.12.2023 (17:00 hrs)**.
7. OEM Should have registered office in India from last 10 years.
8. OEM Must have Direct Service Centre in the State.
9. OEM Should have Valid GST Number in India.
10. The system must have integration capability of centralized application from Integrated Command & Control Centre (ICCC) located in Patna.


Managing Director
Patna Smart City Limited