

HCC. 51 /2018	<b>HIGH COURT OF KARNATAKA, HIGH COURT BUILDINGS, BENGALURU-1 DATED: 17<sup>th</sup> JANUARY 2023.</b>
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**NOTIFICATION**

**Sub: Submission of sealed quotations for  
Supply of Justice Clock- reg.**

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It is hereby notified that, High Court of Karnataka desires to procure and upgrade 1 No. of Justice Clock with 3 years onsite warranty with buyback of existing Justice Clock installed in the High Court of Karnataka, Bengaluru from the authorised distributors / dealers who are having expertise in Supply & Installation of Display Boards for the last 5 years located in Bengaluru only.

Therefore, all the Authorized distributors/dealers who are having expertise in Supply & Installation of Display Boards for the last 5 years located in Bengaluru, may submit their sealed quotation mentioning their lowest rate for the above said Justice Clock.

Further, quotations shall reach the office of the Registrar General, High Court of Karnataka, Bengaluru with superscription on the cover as **“QUOTATION FOR SUPPLY OF JUSTICE CLOCK”** on or before **24.01.2023**.

The vendor is required to execute the work within 10 days from the date of issuing of Purchase Order. The vendor is required to execute Service Level Agreement for enforcement of warranty at the time of submission of invoice for processing payment. The specification of Justice Clock is enclosed herewith.

Encl: Technical Specification

Sd/-

**I/c. Registrar (Computers)**

## Technical Specification of Justice Clock and Hardware Controller

<b><u>Justice Clock Specification</u></b>		
<b>Sl.No.</b>	<b>Parameter</b>	<b>Specification</b>
1	Application	Outdoor
2	Pixel Pitch (in mm)	6
3	LED Type	SMD
4	LED Lifetime (In Hours)	1,00,000
5	Brightness (cd/m <sup>2</sup> )	5000-6000
6	Contrast Ratio	5000:1
7	Frame Rate (Hz/sec)	60
8	Refresh Rate (Hz/sec)	1920
9	Cabinet Dimension W x H x D (in mm)	960x960x150
10	Module Dimension (in mm)	192x192
11	Physical Resolution	160x160
12	Weight (Kg/Cabinet)	38
13	Service Access	Rear
14	Optimal Viewing Angle (H/V)	160° /140°
15	Storage Temperature	-30°C ~ 60°C
16	Working Temperature	-20°C ~ 50°C
17	Relative Humidity	≤95%
18	Storage Humidity	≤45%
19	Voltage	AC 100-240 VAC
20	Power Consumption (Avg) (in W/m <sup>2</sup> )	300
21	Power Consumption (Max) (in W/m <sup>2</sup> )	800
22	Heat generation-Max (BTU/m <sup>2</sup> )	2729.71
23	MTBF (in hours)	10,000

24	Protection Level (Front)	IP65/IP54
25	Colour (M)	16384
26	Grey Scale	14
27	Certification	BIS
28	Physical density	27,777 pixels/m <sup>2</sup>
<b><u>Hardware Controller Specification</u></b>		
<b>Electrical Parameters</b>		
29	Make and Model	Bidder needs to specify
30	Input power supply	100 V–240 V AC
31	Maximum power consumption	18 W
<b>Storage Space</b>		
32	Operating memory	2 GB
33	Internal storage space	32 GB on-board with 28 GB available for users
<b>Storage Environment</b>		
34	Temperature	-40°C–80°C
35	Humidity	0% RH–80% RH, non-condensing
<b>Operating Environment</b>		
36	Temperature	20°C–60°C
37	Humidity	0% RH–80% RH, non-condensing
<b>Packing Information</b>		
38	Dimensions (H×W×D)	375 mm × 280 mm × 108 mm
39	List	1 × Wi-Fi omni-directional antenna 1 × AC power cord 1 × Quick Start Guide
40	Dimensions(H × W × D)	278.5 mm × 139.5 mm × 45.0 mm
41	Net Weight	1301.9 g
42	IP Rating	IP20
43	Features	) Loading capacity up to 1300,000 pixels, with the maximum width of 4096 pixels and maximum height of 1920 pixels Wired Gigabit Ethernet

		<p>Stereo audio output</p> <p>HDMI Loop</p> <p>HDMI input and auto full-screen display</p> <p>2 USB ports allowing for USB playback</p> <p>Onboard light sensor connector allowing for automatic and scheduled brightness adjustment.</p> <p>Synchronization mechanism for multi-screen playing</p> <p>Powerful processing capability</p> <p>Comprehensive control plans</p> <p>Synchronous and asynchronous dual-mode</p> <p>Wi-Fi AP connection</p> <p>URL launcher must be compatible with Justice Clock functionality developed by High Court &amp; e-Courts using HTML5 and CSS3 Web applications.</p>
44	Warranty of Justice Clock and Hardware Controller	3 Years Comprehensive Warranty
<b>Note: All of the above specifications should be read as equivalent or better</b>		

Sd/-  
(Sr. System Administrator)