		Technical Specifications		
		86 Inch Smart Interactive Panel		
Sr No	Features	Specifications	Compliance(Yes/No)	Remarks if any
1	Screen Size	86 inch (218.44 Cm.)		
2	Aspect Ratio	0.672916667		
3	CPU	Quad-core A55		
4	Response Time	<10 ms		
5	Operating System	Android 9		
6	Writing Mode	Finger + Pen		
7	Resolution	Panel resolution: 3840 (H) × 2160 (V)		
8	Viewing Angle	178°(H)/178°(V)		
9	Brightness	400 cd/m²;		
10	RAM & ROM	4 GB & 32 GB		
11	Contrast Ratio	Static Contrast: 1200:1; Dynamic Contrast: 6000:1		
12	Backlight	DLED		
13	Refresh Rate	60 Hz		
14	Lifespan	50,000 hours		
15	Wi-Fi	Dual-band Wi-Fi (2.4/5 GHz)		
16	Wi-Fi Hotspot	Dual-band (2.4/5 GHz); supports enabling Hotspot and Wi-Fi at the same time		
17	Touch Technology Type	Infrared Touch Technology		
18	Touch Points	20		
19	Touch Resolution	32767 × 32767		
20	IrDA	1		
21	Touch Response Time	<10 ms		
22	Number of Multi-user Writing Points	10		
23	Number of Continuous and Precise Writing	2		
24	Distortion	≤5%		
25	Front Button	1 × power button (right side)		
26	Ports	1 × RJ-45, 1 × Wi-Fi; 1 × Hotspot, 1 × RS-232, 1 × HDMI IN, 1 × 3.5 mm (Line OUT); 3 × USB 3.0; 1 × Micro USB port		
27	Light Sensor	1		

28	Number of Microphones	2		
29	Microphone Pick-up Distance	Far-field sound pickup: 6 m–8 m (19.69 ft–26.25 ft)		
30	Built-in Speaker	2		
31	Speaker Power	Full frequency: 15 W × 2		
32	Echo Cancellation	Supported		
33	Noise Cancellation	Supported		
34	AGC	Supported		
35	Polar Pattern	Omnidirectional		
36	Display Glass	Anti-dazzle tempered glass with a hardness of 7 on the Mohs scale		
37	Glass Thickness	3mm		
38	Operating Temperature	-10 °C to +45 °C (+14 °F to +113 °F)		
39	Storage Temperature	-20 °C to +55 °C (–4 °F to +131 °F)		
40	Operating Humidity	10%–90%		
41	Storage Humidity	10%–90%		
42	Power Supply	100–240 VAC, 50/60 Hz, 4A		
43	Power Consumption	400 W		
44	Standby Power Consumption	0.5 W		
45	Frame Color (Front/Back)	Bottom: Silver; top/left/right: black		
46	Casing	Metal		
47	Weight	64 kg		
48	Dimensions	Panel Dimensions: 86-inch, Product Dimensions: 1,953 mm × 87 mm × 1,205 mm		

1	OEM to have its valid GST Certificat
2	OEM Should be ISO 9001, ISO 14001, ISO 27001, CMMI 3 & 5 & GDPR Certified Company.
3	The CCTV OEM Company must have IEC-ISO 27032 cyber security certificate. Proof of the same to be submitted .
4	The OEM of the CCTV equipment's should not be debarred/banned/blacklisted or imposed sanctions by any Country or Government institution globally. OEM declaration to be submitted.
5	OEM Must have valid GST certificate of Jharkhand state .
6	OEM Brand should have established in India at least for 5 years, it's presence should be supported with brand registration certificate like TM, COI etc.
7	OEM must be full member of ONVIF
8	The OEM of the CCTV camera must have more than 500 employees on its payroll in India. Any OEM which is a part of a larger group company but meeting the 500-employee criterion in India is also eligible. This is to justify that CCTV OEM has made investment in India and is serious about its business in India which will ensure long term after sales support and spare support from the OEM. Respective document/ certificate to be provided along with the bid
9	To prove that CCTV OEM is Established and Proven OEM in India, IP Cameras OEM should have supplied at least 10,000 IP CCTV cameras during the last 05 years to any State Govt. / Central Govt. / Public sector undertaking in India, as on bid submission date. P.O Copies to be submitted along with supply proof.
10	Bidder must have valid GST registration of Jharkhand state .