

## West Bengal Electronics Industry Development Corporation Limited

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### TECH-CORRIGENDUM: II

Notice Inviting e-Tender No. WEBEL/EOT/COM/21-22/00043 Dated: 24.11.2021

FOR. Supply of CCTV including 90days recording backup with NVR at National University of Juridicial Science.

### Revised Spec

#### CAMERA Indoor Bullet (TYPE-I)

Sl. No.	Technical Specification :			
OFFERED MAKE & MODEL:			Changes as per Corrigendum	Changes
1	Image Sensor	1/2.7" Progressive Scan CMOS		
2	Min. illumination	Color: 0.003Lux (AGC On), 0 Lux with IR	0.008 Lux@F1.6 or better	
3	Preferred recording Resolution	5MP (2592×1944) @ 25fps	5MP (2592×1944) @ <b>20fps</b> or better	
4	Day & Night	IR Cut Filter		
5	Shutter speed	1/3 s to 1/100,000 s		
6	Digital Noise Reduction	3D DNR		
7	WDR	120dB True WDR		
8	Lens	4mm / 6mm (as per site requirement)	2.8 mm / 3.6 mm or better as per site requirement	
9	IR range	min. 40m IR or higher	min. 30m IR or higher	

10	Streaming Type	Should Support Four streams	Should Support at least Dual Stream or better	
		Main : 1fps~25fps(2592x1944, 2688x1520, 1920x1080)	Main : 1fps~ <b>25fps(2592x1944, 2688x1520, 1920x1080)</b> or better	
		Sub : 1~25fps (640x480, 640x360)	Sub : 704 x 576 (1 fps-25 fps) 704 x 480 (1 fps-30 fps) or better	1fps~25fps (640x480, 640x360) or better
		Third: 1~10fps (1920x1080, 1280x720, 640x480, 640x360)	deleted	
		Fourth: 1~10fps (1280x720, 640x480, 640x360)	deleted	
11	Video Compression	H.265,H.264, H.264+,H.265+		
12	Bit Rate Control	CBR/VBR		
13	Scalable Video Coding (SVC)	H.264 and H.265 encoding		
14	Audio Compression	G.711ulaw,G.711alaw, G.722.1, G.726, MP2L2, PCM, MP3, AAC	deleted	
15	Environment Noise Filtering	Required		
16	Image Enhancement	BLC, HLC, 3D DNR, 120dB WDR, ROI (5 fixed regions for main stream and sub-stream), Auto-White Balance		
17	Image settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser		
18	SNR	≥ 52 dB		
19	Day/Night Switch	Day, Night, Auto, Schedule		
20	Image Parameters Switch	Yes		
21	Target Cropping	Yes		
22	Network Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, ARP, SNMP	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, SSL/TLS, PPPoE, ARP	
23	API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), SDK		
24	Simultaneous Live View	6 channel		

25	User Host	32 users. 3 user levels: administrator, operator and user	at least 20 users. 3 user levels: administrator, operator and user	
26	Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS.		
27	Edge base Recording & Network storage	Built-in Micro SD/SDHC/SDXC slot, (256GB or better), NAS (NFS, SMB/CIFS), auto network replenishment (ANR)		
28	Preferable analytics	Line crossing detection, intrusion detection, Motion detection (human and vehicle targets classification), Unattended baggage detection, video tampering, Object removal detection, Scene change detection, audio exception detection, Face capture	Line crossing detection, intrusion detection, Motion detection, video tampering, Scene change detection, audio exception detection, Face capture	
29	Event Linkage Method	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email, audible warning		
30	Ethernet Port	1 x RJ45 10M/100M Ethernet port		
31	Audio interface	1-in/ 1-out	deleted	
32	Alarm I/O	1-in/1-out	deleted	
33	Power Output	12 VDC, max.		
34	General Function	Anti-flicker, heartbeat, mirror, privacy mask, flash log, pixel counter		
35	Power Supply	DC12V, PoE (802.3at /af)		
36	Operating Conditions	-30° C ~ + 60° C		
37	Ingress Protection	IP67 Ingress Protection		
38	Certifications	CE/ FCC/UL/BIS		
Camera & NVR should be from same OEM for smooth integration.				

THE ABOVE CORRIGENDUM IS A PART OF ORIGINAL TENDER DOCUMENT