email id:- agauorissa1@cag.gov.in

No. OM-I (AU-I)/2023-24/02/61/174   Date: 19 Sep 2023

Corrigendum

Bid for Supply, Installation & Commissioning of CCTV Cameras

The following changes have been made to the Bid Published for Supply, installation & Commissioning of CCTV Cameras in published vide No. OM-I (AU-I)/2023-24/02/61/160 dated 07 Sep 2023.

Instructions for submitting the Tender:

Sl. 1 (A) (I) Technical Bid as per Annexure - II and Annexure – V along with other documents required as per Annexure – I. (Annexure-V enclosed to this corrigendum)

All other terms and conditions remained unchanged as published in the Bid.

Sd/-

Sr. Deputy Accountant General/Admn

Sl No	Feature	Specification	Compliance (Yes/No)	Deviations (if any)
4MP Colour View Bullet Fixed Camera				
1	24/7 colourful imaging	Yes		
2	Image Sensor	1/3" Progressive Scan CMOS		
3	Max. Resolution	2560 × 1440		
4	Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light		
5	Shutter Time	1/3 s to 1/100,000 s		
6	Supplement Light Range	Up to 30 m		
7	Smart Supplement Light	Yes		
8	Streaming Type	Should Support Triple streams		
9	Max. Resolution	2560 × 1440 @ 20 FPS		
10	Video Compression	H.265+/H.265/H.264+/H.264		
11	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/ AAC-LC		
12	Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication, watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address)		
13	Simultaneous Live View	Up to 6 channels		
14	API	Open Network Video Interface (Profile S, Profile T, Profile G)		
15	Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, HTTPS, DDNS, UPnP, 802.1X		

16	User/Host	Up to 32 users 3 user levels: administrator, operator, and user		
17	Wide Dynamic Range (WDR)	120 dB		
18	Image Enhancement	BLC, HLC, 3D DNR		
19	Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser		
20	Privacy Mask	4 programmable polygon privacy masks		
21	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port		
22	On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB		
23	Built-in Microphone	Yes		
24	Reset Key	Yes		
25	Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception		
26	Smart Event	Line crossing detection, intrusion detection		
27	Power	12 VDC ± 25%, PoE: 802.3af		
28	Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
29	Certifications	CE,FCC,UL/BIS, Onvif		
Camera & NVR should be from same OEM for smooth integration.				

32 Channel Network Video Recorder (NVR) with 2-HDD slot				
Sl No	**Feature**	**Specification**	**Compliance (Yes/No)**	**Deviations (if any)**
1	Operating system	Embedded Linux		
2	IP video input	32-channel IP Video input		
3	Two-way audio	should support		

4	Incoming bandwidth	Min. 256 Mbps		
5	Outgoing bandwidth	Min. 160 Mbps		
6	Display interface	1 x HDMI , 1 x VGA		
7	HDMI-1	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		
8	VGA -1	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz		
10	Audio output	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)		
11	Split-Screen display	it should support multi split-screen live view on connected monitor.		
12	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCI		
13	Decoding format	H.265/H.265+/H.264+/H.264/MPEG4		
14	Synchronous playback	16-channel		
15	Smart Search option	Yes		
16	Motion Detection	Video analysis for human and vehicle recognition to reduce false alarm (minimum 4ch or better)		
17	IVS features	Facial recognition , perimeter protection, motion detection, VCA, Face picture comparison min.1-ch facial recognition for video stream, or 4-ch facial recognition for face picture		
19	SATA interface for HDD	should support 2 x SATA interfaces		
20	HDD Capacity	10 TB capacity for each HDD or better		
22	Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces		
23	USB interface	at least Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0		
25	Alarm in/out	at least 4 input / 1 output		
26	Power supply	12 VDC, 3.3 A		

27	Consumption (without hard disk)	≤ 15 W		
28	Working temperature	-10 to +55ºC (14 to 131ºF)		
29	Working humidity	10 to 90 %		
30	Certification	CE, FCC, BIS/UL, Onvif		
Camera & NVR should be from same OEM for smooth integration.				

Date

Authorized and seal of the bidder/supplier.

Name :

OEM CRITERIA

Sr. No.	General Conditions	Compliance YES / NO	Remark
1	All systems and components must be in compliance with CE, FCC and UL /BIS certifications. It shall confirm to ONVIF (S& G) standards Copy of the UL certification, ONVIF compliant certificate indicating the make and Model of the Camera offered shall be submitted		
2	All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system and systems and components shall have been thoroughly tested.		
3	In case the OEM is not participating directly, bidder should be an authorized reseller or channel partner of the OEM. An authorization letter from the OEM need to be submitted in original. This certificate shall be issued through the global headquarters and attested by the Indian Office in case OEM is of international repute.		
4	OEM should produce own INDIA factory license under MII (MAKE IN INDIA) and third-party factory will not be accepted.		
5	The OEM should offer CMMI Level 5 Certificate for their performance across critical business capabilities.		
6	The OEM should have the presence of a local branch office and a local service centre in Odisha. The OEM should have a direct presence in the state and not via any third-party distributor, ND or system integrator.		
7	The MAC address of the cameras must be registered in the name of OEM. If the MAC address does not match, it means that the device is not created by the original manufacturer, its only an assembling or a labelling which has been done, and such party shall be immediately rejected.		
8	OEM should have own factory in INDIA with ISO 9001:2008 and ISO 14001:2004 and ISO 45000 for manufacturing process. Documents needed to be attached along with the bid.		

OEM AUTHORIZATION LETTER MUST BE ATTACHED.