

Corrigendum-1

SUPPLY, INSTALLATION, COMMISSIONING AND TESTING OF IP SURVEILLANCE SYSTEM

NIT: CMC/BY/23-24/RS/SKS/SS/28

S.No	Page No.	Item	Specifications	Minimum Requirement Description	BYPL Clarification / Remark
1	Page No. 38	FAS	IO Module & Relay Module .	90 Qty. Of IO Module & Relay Module Specification	Our existing FAS is conventional Make Agni, It should integrate with VMS. Alert should be generated on the VMS screen. It's all upto Bidder's proposed solution. The IP-based I/O module should be capable of integrating the Fire alarm panel with the VMS over IP. Support protocol IPV4,IPV6, SRTP,IGMP,MQTT, HTTP, HTTPS, LLDP,SIP or better. It should have a minimum 6 Input /Output which can be configured as per requirement.Certification:IEC/EN/UL 62368-1,EN 50121-4,NIST SP500-267 PVC Free.
2	Page No. 47	Dome Camera	Certifications	UL, cUL, CE, ROHS, RCM, BIS, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22., NIST SP500-267 Considering the Environmental Protection camera should be PVC free	UL-60950-22 is optional.
3	Page No. 45	Dome Camera	Focus	Autofocus	Autofocus/Fix focus
4	Page No. 45	Dome Camera	Minimum Illumination	Color mode: F1.2 @ 0.4 lux Black and white mode: F1.2 @ 0.2 lux	Without IR: 0.04 to 0.08 lux in color mode
5	Page No. 46	Dome Camera	Image Stabilizer	Image Stabilizer : Yes	Image Stabilize : Yes (Optional)
6	Page No. 46	Dome Camera	IR	Yes, IR illuminator will turn off if the temperature is 60°C (140°F) or higher	The camera should give an alarm if the temperature 50°C (122°F) or higher
7	Page No. 45	Dome Camera	Lens	Varifocal lens (3 to 9 mm) View Angle Horizontal Viewing Angle - 113° or Higher Vertical Viewing Angle - 60° or Higher	Varifocal lens 3 to 9 mm +/- 0.4 mm or better Horizontal Viewing Angle :100 degree or better Vertical Viewing Angle : 52 degree or better
8	Page No. 46	Dome Camera	Microphone	Microphone :Built-in for audio recording or Camera should have 2.5mm/3.5mm jack for external Microphone (Make OEM) for audio recording. Range upto 10 Mtr. Crystal Clear audio.	Crystal Clear Audio range up to 5 Mtr and is capable of catching audio up to 10 Mtr.
9	Page No. 47	Dome Camera	Operating Temperature	Operating Temperature :0°C--+60°C	Temp: 0°C--+50°C or Higher. The camera should give an alarm if the temperature 50°C or higher
10	Page No. 46	Dome Camera	Power Source	Power Source : PoE (10 W max (8 W with no IR or IR disabled): IEEE 802.3af Class 3 compliant, 12VDC Aux and surge protection	IEEE 802.3af /at Class 3 Standard
11	Page No. 45	Dome Camera	WDR	Wide dynamic range (WDR) :130 dB or higher	Wide dynamic range (WDR) :120 dB or higher
12	Page No. 45	Dome Camera	Zoom	Optical 3x or batter	Optical 2x or Better
13	Page No. 50	Bullet Camera	Certifications	UL, cUL, CE, ROHS, RCM, BIS, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22., NIST SP500-267 Considering the Environmental Protection camera should be PVC free	UL-60950-22 is optional.
14	Page No. 50	Bullet Camera	Image Stabilizer	Image Stabilizer : Yes	Image Stabilizer : Yes (Optional)
15	Page No. 50	Bullet Camera	IR	Yes, IR illuminator will turn off if the temperature is 60°C (140°F) or higher	The camera should give an alarm if the temperature 50°C (122°F) or higher
16	Page No. 50	Bullet Camera	Microphone	Microphone :Built-in for audio recording or Camera should have 2.5mm/3.5mm jack for external Microphone (Make OEM) for audio recording. Range upto 10 Mtr. Crystal Clear audio.	Crystal Clear Audio range up to 5 Mtr and is capable of catching audio up to 10 Mtr.
17	Page No. 50	Bullet Camera	Operating Temperature	0°C--+60°C	Temp: 0°C--+50°C or Higher. The camera should give an alarm if the temperature 50°C or higher
18	Page No. 50	Bullet Camera	Power Source	Power Source PoE (10 W max (8 W with no IR or IR disabled): IEEE 802.3af Class 3 compliant, 12VDC Aux	IEEE 802.3af /at Class 3 Standard
19	Page No. 48	Bullet Camera	WDR	Wide dynamic range (WDR) :130 dB or higher	Wide dynamic range (WDR) :120 dB or higher
20	Page No. 52	Multisensor Camera	Alarm In	Alarm IN :1 Input	Optional
21	Page No. 52	Multisensor Camera	Alarm Out	Alarm Out :1 Output	Optional
22	Page No. 54	Multisensor Camera	Certifications	UL, cUL, CE, ROHS, RCM, BIS, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22., NIST SP500-267 Considering the Environmental Protection camera should be PVC free	UL-60950-22 is optional.
23	Page No. 51	Multisensor Camera	Minimum Illumination	Minimum Illumination:With IR: 0 lux in monochrome mode Without IR: 0.04 to 0.08 lux in color mode; The camera should give color image in low light condition .	Without IR: 0.04 to 0.16 lux in color mode
24	Page No. 53	Multisensor Camera	Image Stabilizer	Image Stabilizer : Yes	Image Stabilizer : Yes (Optional)
25	Page No. 53	Multisensor Camera	IR	Yes, IR illuminator will turn off if the temperature is 60°C (140°F) or higher	The camera should give an alarm if the temperature 50°C (122°F) or higher

26	Page No. 51	Multisensor Camera	Lens	3-6 / 3-7 mm or better, Built-in varifocal lens	Lens :3 to 6 / 3 to 7 mm or better, Built-in varifocal lens +/- 0.4 mm or better
27	Page No. 53	Multisensor Camera	Microphone	Microphone :Built-in for audio recording or Camera should have 2.5mm/3.5mm jack for external Microphone (Make OEM) for audio recording. Range upto 10 Mtr. Crystal Clear audio.	Crystal Clear Audio range up to 5 Mtr and is capable of catching audio up to 10 Mtr.
28	Page No. 54	Multisensor Camera	Operating Temperature	Operating Temperature :0°C~+60°C	Temp: 0°C~+50°C or Higher. The camera should give an alarm if the temperature 50°C or higher
29	Page No. 53	Multisensor Camera	Power Source	Power Source PoE (10 W max (8 W with no IR or IR disabled): IEEE 802.3af /at Class 3 compliant, 12VDC Aux	IEEE 802.3af /at Class 3 Standard
30	Page No. 52	Multisensor Camera	Video Resolution	Video Resolution As per industry standard : 1,920 x 1,080 1,280 x 720 / 640 x 360 / 320 x 180) or (960 x 544 @ 30 fps, 704 x 480 or 576 @ 30 or 25 fps (4CIF), 640 x 368 @ 30 fps, 352 x 240 or 288 @ 30 or 25	Video Resolution As per industry standard : 1,920 x 1,080 1,280 x 720 / 640 x 360 / 320 x 180) or (960 x 544 @ 30 fps, 704 x 480 or 576 @ 30 or 25 fps (4CIF), 640 x 360 @ 30 fps,
31	Page No. 51	Multisensor Camera	Zoom Ratio	Optical:3x, Digital:4x, Total:12x or better	Optical:2x or Better