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Project – Proposed Hostel Building On G.No.6465 C.T.S. No.6758 To 6762, F.P.No.220

T.P.S.-II Nashik For - Jain Oswal Boarding Nashik, Through Secretary J.O.B

Electrical - Summary

Doc.-Date:
2022-11-10

Doc. Revision
R0

SR. NO	PRICE SUMMARY		AMOUNT
1.0	TOTAL FOR CCTV SYSTEM	RS.	-
	TOTAL	RS.	

Item No.	Description	Unit	TOTAL Qty	Rate	Amount
	CCTV BOQ				
1	CCTV SYSTEM				
	Supply Installation testing & commissioning of CCTV considering the following items required for the system .				
1.1	INDOOR CAMERA Supply Installation commissioning of 4 MP Full HD IP Dome / Bullet Camera- 1/3" 4 MP progressive scan imager, 2688 x 1520 resolution, 2.8 mm fixed lens, True day/night (IR-cut filter), Wide Dynamic Range up to 120 dB, Low-light performance down to 0.01 lux (color) or 0 lux with IR LEDs on, Up to 98 ft (30 m) IR illumination, H.265 Smart Codec, Dual stream support, PoE (802.3af) or 12 VDC support, IP66 and IK10-rated housing, VIDEO STANDARD NTSC/PAL, SCANNING SYSTEM Progressive scan IMAGE SENSOR , MINIMUM ILLUMINATION 0.08 lux colour @ F2.0 (Colour, 1/3s, 30 IRE) 0 lux B/W with IR LEDs on @ F2.0 , SMART IR Auto/Manual, DAY/NIGHT - Auto(ICR) /Colour/ BW, BACKLIGHT ,NOISE REDUCTION- 3D DNR , PRIVACY MASKING -Up to 4 configurable zones, MOTION DETECTION- Up to 4 configurable zones, REGION OF INTEREST- Up to 4 configurable zones, DIGITAL ZOOM - 16x, ANGLE OF VIEW-, 104°/87° (H), 57°/48° (V), VIDEO COMPRESSION H.265+/H.265/H.264+/H.264, ETHERNET RJ-45 (10/100BASE-T), INTEROPERABILITY ONVIF Profile S,User account and password protection, HTTPS, IP filter, IEEE 802.1X, digest authentication, user access log, TLS1.2, AES-256, SSH/Telnet closed, FTP disabled, EVENT -Network disconnection, IP address conflict, illegal access, video tampering, motion detection, EVENT NOTIFICATION- Record (NAS and FTP), relay output, email, snapshot, EMISSIONS-FCC , SAFETY EU: EN 60950-1, UL listed to UL/CSA 60950-1, ROHS compliant	Each	29		-

Item No.	Description	Unit	TOTAL Qty	Rate	Amount
1.2	OUTDOOR CAMERA Supply Installation commissioning of 1080p HD (1920X1280)PTZ CAMERA with 1/2.8" progressive scan imager, 2.8 mm fixed lens, True day/night (IR-cut filter), Wide Dynamic Range up to 120 dB, Low-light performance down to 0.01 lux (color) or 0 lux with IR LEDs on, Up to 98 ft (30 m) IR illumination, H.265 Smart Codec, Dual stream support, PoE (802.3af) or 12 VDC support, IP66 and IK10-rated housing, VIDEO STANDARD NTSC/PAL, SCANNING SYSTEM Progressive scan IMAGE SENSOR , MINIMUM ILLUMINATION 0.08 lux colour @ F2.0 (Colour, 1/3s, 30 IRE) 0 lux B/W with IR LEDs on @ F2.0 , SMART IR Auto/Manual, DAY/NIGHT - Auto(ICR) /Colour/ BW, BACKLIGHT ,NOISE REDUCTION- 3D DNR , PRIVACY MASKING -Up to 4 configurable zones, MOTION DETECTION- Up to 4 configurable zones, REGION OF INTEREST- Up to 4 configurable zones, DIGITAL ZOOM - 16x, ANGLE OF VIEW-, 104°/87° (H), 57°/48° (V), VIDEO COMPRESSION H.265+/H.265/H.264+/H.264, ETHERNET RJ-45 (10/100BASE-T), INTEROPERABILITY ONVIF Profile S, User account and password protection, HTTPS, IP filter, IEEE 802.1X, digest authentication, user access log, TLS1.2, AES-256, SSH/Telnet closed, FTP disabled, EVENT -Network disconnection, IP address conflict, illegal access, video tampering, motion detection, EVENT NOTIFICATION- Record (NAS and FTP), relay output, email, snapshot, EMISSIONS-FCC , SAFETY EU: EN 60950-1, UL listed to UL/CSA 60950-1, ROHS compliant	Each	4		-
1.3	Network Video recorder 32 Channel Supply installation, testing and commissioning of Network Video Recorder of 32 channels with min 4 slots for HDD drive, with H.264 and MJPEG codec supported with min bandwidth of 120 Mbps for recording, tripple strims for live viewing, recording and mobile / browser viewing, HDMI and VGA connection for local Monitor connection, robust, secure operation, rack mount, 4 Trays: 3.5-inch SATA, min 2 USB 2.0	Each	2		-
1.4	Supply and Installation of 8 TB Surveillance Storage Hard Disk Drive 24/7 Surveillance HDD, Capacity- 8 TB, Interface- SATA III 6 Gb/s, Max Sustained Transfer Rate OD- 210 MB/s, Cache-256 MB, Tarnish Resistant, Load/Unload Cycles- 300,000, Power-On Hours per Year- 8760, Mean Time Between Failures (MTBF)- 1 million hours, Operating Temperature- Ambient: 41°F / 5°C (min), Drive Case: 158°F / 70°C (max), Non-Operating Temperature Ambient:-40°F / -40°C (min) Without seagate Certificate with 3 Warranty.	Each	1		
1.5	Centralised Monitoring Software Software for viewing the 33 CCTV on screen, divided into 9 Image separately	Each	1		-
1.6	Monitor 22" LCD Screen with HDMI Port and VGA port with Connectivity of USB, Pendrive	Each	1		-

Item No.	Description	Unit	TOTAL Qty	Rate	Amount
1.7	CAT 6 Cable armoured to used for video trasmission for cctv image	Rmt	1560		-
1.8	Supplying, fixing, and configuring 4-ports 1 G unmanaged gigabit POE switch erected in provided rack complete.	Each	1		
1.9	Supplying, fixing, and configuring 8-ports 1 G unmanaged gigabit POE switch erected in provided rack complete.	Each	7		
1.10	Supplying and erecting LSZH armoured multimode optical fibre cable with 6 fibres with termination core dia 50/125 µm (OM3), suitable upto 10 GBPS, ethernet distance at 850 nm of wavelength, on wall/ceiling or laid in provided pipe/trench as per specification no. WG-COC/OFC LSZH	Rmt	1440		
1.11	Supplying and fixing 36U floor mount server rack (Dimension-DxWxH – 800x600x1600 mm) as per specification No. WG-NAS/RAK	Each	1		
2	AMC For CCTV				
2.1	1st Year after Waranty	Per Year	1		
2.2	2nd Year after Waranty	Per Year	1		
2.3	3rd Year after Waranty	Per Year	1		
2.4	4th Year after Waranty	Per Year	1		
2.5	5th Year after Waranty	Per Year	1		
3	CMC For CCTV				
3.1	1st Year after Waranty	Per Year	1		
3.2	2nd Year after Waranty	Per Year	1		
3.3	3rd Year after Waranty	Per Year	1		
3.4	4th Year after Waranty	Per Year	1		
3.5	5th Year after Waranty	Per Year	1		
TOTAL FOR CCTV SYSTEM					-

Note-Contractor to quote different make mentioning make name & rate separately .contractor can quote approved multiple make as per given tender.