

P-1/3 (12)

Uranium Corporation of India Limited
Jaduguda Mines, Jharkhand

UCLH intends to procure CCTV camera with IR night vision for surveillance system for Turamdih Hospital. It is proposed to install 4 Bullet camera (IR night vision) with accessories and 8 channel NVR and other accessories.

Scope of supply: Supply of CCTV camera with mounting accessories, NVR with surveillance Hard Disk and monitor etc as mentioned in Bill of material.

Technical Specification:

1.1: NVR 8 Channel

Specification for NVR	
Video/Audio Input	
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)
IP video input	8-ch
Network	
Remote connection	128
Incoming bandwidth	80Mbps
Outgoing bandwidth	80Mbps
Video/Audio Output	
HDMI/VGA output	1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200/60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
Recording Resolution	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Frame Rate	Main stream: 50 fps (P) / 60 fps (N) Sub-stream: 50 fps (P) / 60 fps (N)
Audio Output	1-ch, RCA (Linear, 1kΩ) Synchronous Playback: 8-ch
Decoding	
Capability	5-ch@1080P
Live view / Playback	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Hard Disk	
SATA	2 SATA interfaces for 2 HDDs
Capacity	Up to 6TB capacity for each HDD
External Interface	
Network Interface	1RJ-45 10/100/1000Mbps self-adaptive Ethernet interface
USB Interface	1 × USB 2.0 and 1 × USB 3.0
Alarm In	4-ch(optional)
Alarm Out	1-ch(optional)
POE	
Supported Standard	AF and AT
Interface	8 independents 100 Mbps PoE networks
General	
Power Supply	100-240VAC
Working Temperature	10 to 50 Degree Centigrade
Working Humidity	10 % ~ 90 %
Make	Alcon, Honeywell, Hikvision, Samsung, Bosch, ACTI, CP-Plus

1.2: Fixed IR Bullet Camera

Sl.No.	Features	Description
1	Image Sensor:	1/2.7" 2Megapixel progressive scan CMOS
2	Minimum Illumination	0.1Lux/F2.1(Color), 0Lux/F2.1(Ion)
3	Shutter Speed	Auto/Manual, 1s~1/100000s
4	White Balance	Auto/Manual
5	Lens:	3.6mm fixed lens (6mm optional)
6	Video Compression	H.264/ H.264H/ H.264B/ MJPEG
7	S/N Ratio	More than 50dB
8	Back Light Comp	BLC/ HLC/ DWDR
9	Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480) /CIF(352×288/352×240)
10	Frame Rate	Main Stream :1080P(1 ~ 25/30fps),Sub Stream :D1(1 ~ 25/30fps)
11	ICR	Auto(ICR)/Color/B/W
12	Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
13	IR	IR Range of 30 Mtr.
14	Operating Temperature	-30°C~+60°C, Less than 95%RH
15	Power Source	DC12V, PoE (802.3af)
16	Power Consumption	<4.8W(IR on)
17	Weatherproof Std	IP67
18	Make	Alocon,Honeywell,Hikvision,Samsung,Bosch,ACTI,CP-Plus

1.3: Monitor

Specification for LED Monitor		
LED	Size	19"
	Panel Technology	TN
	Display Area	18.5 inch
	Optimum Resolution	1366X768
	Brightness	200 cd/m2 (Typ.)
	Contrast Ratio	80,000,000:1
	Viewing Angle	90° (H)/65° (V)
	Response Time	Tr + Tf :5ms(Typ)
	Panel Surface	Anti Glare type,Hard coating (3H)
	Light Source	30000 Hrs(Min.)
	Color Support	16.7 M (6 bits+ 2 bits scalar FRC)
	Application	CCTV Display
	Mounting	Wall /Table
Input	Analog	VGA
	Frequency (Fh/Fv)	24~32 kHz/50~75Hz
COMPATIBILITY	PC	1366X768
	Mac	1366xx768
CONNECTOR	Analog	VGAX1
	Power	Internal power board
POWER	Voltage	AC 180 to 240 V,50/60Hz
	Save Mode (W)	≤5W
OPERATING CCONDITION	Temperature	10° to 50°C
	Humidity	10% to 90%
Make		LG,HP,DELL,SAMSUNG,BOSCH,ACTI,HIKVISION,CP-PLUS

1.4 Surveillance Hard Disk

Hard Disk Drive Size	2TB
Type of port	SATA port
Make	Segate, Toshiba, Samsung, WD

1.5 Price Format

Uranium Corportion of India Ltd, Jaduguda Mines (East Singbhum)							
Price Format							
Name & Address of the Bidder:							
GST no of Bidder:							
Sl. No.	Material Description	Qty	Unit rate	GST %	GST Amount	Total Unit Rate	Total
1	2 MP IP Bullet Network Camera	2					
2	1 TB Surveillance Hard Disk	1					
3	8 Channel NVR	1					
4	CCTV Display	1					
Grand Total							