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PURCHASE ENQUIRY

Enquiry No.	PRO/SIT/GEN-26-7
DATE.	13th November, 2026
Due Date	20th November, 2026

INVITATION FOR QUOTATIONS FOR CCTV @ Siddaganga Institute of Technology

Last date to receive the quotation at 15:00 hours on 20th November**, 2026**
Quotations will be opened at 16:00 hours on the same day.
Details are also available at www.sit.ac.in Procurements tab.

1. You are invited to submit your most competitive quotation for the supply & installation of items shown below.

Sl No	Make	Description	UoM	Qty
1	OEM's	4MP IP Network DOME 2.8mm Fixed Lens IR Camera **(details specification enclosed)**	Nos	453
2	OEM's	4MP IP Network Bullet 4mm Fixed Lens IR Camera **(details specification enclosed)**	Nos	164
3	OEM's	PTZ 2MP 25X digital zoom camera (**details Specification enclosed**)	Nos	52
4	OEM's	64 Channel IP Network Video Recorder with 8 SATA interface **(Details specification enclosed)**	Nos	11
5	OEM's	32 Channel IP Network Video Recorder with 4 SATA interface **(Details specification enclosed)**	Nos	11
6	OEM's	16 Channel IP Network Video Recorder with 2 SATA interface **(Details specification enclosed)**	Nos	5
7	OEM's	10TB Seagate Surveillance Hard Disk with minimum 3yrs warranty **(details specification enclosed)**	Nos	40
8	OEM's	VMS Software with all necessary licenses and if any subscription renewal charges **(details specification enclosed)**	Nos	1
9	Supervising & Project handling charges	**Project Management, Installation and Commissioning Charges** The project management charges shall include the installation, fixing and mounting of all Dome, Bullet and PTZ cameras in the respective 5" × 5" junction boxes, along with configuration and commissioning of all cameras. The scope shall also include configuration of NVRs, crimping and termination of FM45 connectors at the camera ends, testing of camera connectivity, and integration of all cameras with the centralized Video Management System (VMS). The contractor shall be responsible for establishing end-to-end connectivity of the CCTV surveillance system across all blocks/buildings of the campus, including testing, configuration, integration and commissioning of the complete system. (**without Passive cabling**).	LS	1

2. Specification

1. The following are the technical parameters for the 4MP Fixed Dome Network Camera		
S. No.	**Features**	**Description**
1	Image Sensor	1/2.9" 4MP PS CMOS Image Sensor
2	Effective Pixels	2560 (H) × 1440 (V)
3	Minimum Illumination	0.06 lux@F1.6 (Color, 30 IRE), 0.006 lux@F1.6 (B/W, 30 IRE), 0 lux (IR on)
4	RAM	128 MB
5	ROM	128 MB
6	DORI Distance	Lens 2.8 mm: 63.6m (Detect), 25.4m (Observe), 12.7m (Recognize), 6.4m (Identify)
7	Gain Control(AGC)	Auto/Manual
8	Lens Type	Fixed-focal
9	Max. Aperture	F1.6
10	Day/Night	Auto(ICR)/Color/B/W
11	Lens Mount	M12
12	Close Focus Distance	2.8 mm
13	Lens	2.8 mm fixed Lens
14	S/N Ratio	>56dB
15	Angle of View	2.8 mm: H: 101°, V: 54°, D: 120°
16	Back Light Compensation	BLC/ HLC/ WDR(120dB)
17	IR	IR Range of 30 Mtr.
18	Warm Light	Warm Light Range of 30 Mtr.
19	Smart IR	Support
20	Stream Capability	Dual stream
21	Frame Rate	Main stream: 4M (2560 × 1440)@1–25/30 fps, Sub stream: D1 (704 × 576)@1–25 fps/ (704 × 480)@1–30 fps
22	Video Compression	Instastream, H.265, H.264+, H.264, H.264H, H.264B, MJPEG (Only supported by the sub stream)
23	Resolution	4M (2560 × 1440), 3M (2304 × 1296), 2M (1920 × 1080), 1.3M (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
24	Smart search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
25	Noise Reduction	3D NR
26	Motion detection	OFF/ON (4 areas, rectangular)
27	Video format	PAL/NTSC
28	Privacy Mask	4 areas
29	ROI	Support (4 areas)
30	OSD	Camera title, Date & Time
31	Audio Compression	G.711a, G.711Mu, PCM, G.726
32	Protocol	SFTP, IPv6, IPv4, DNS,RTCP, NTP, RTP, HTTP, HTTPS, SNMP V1/ V2/ V3, TCP/IP, PPPoE, NFS, UDP, ICMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
33	SDK and API	Support
34	Ethernet	RJ-45 (10/100 Base-T)
35	Alarm Event	Network disconnection, IP conflict, illegal access, Motion detection, Video tampering, Audio detection, SMD (human), Security exception
36	Cyber Security	AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot

37	SMD	Support the classification and accurate detection of human and vehicle
38	Mirror Function	Support
39	Audio	Built-in Mic
40	IR Control	Auto, Manual
41	Iris Control	Fixed
42	Image Rotation	0°/180°
43	Bit Rate Control	CBR/VBR
44	Bit Rate	H.265: 12 kbps–4096 kbps, H.264: 32 kbps–4096 kbps
45	User/Host	6 (Total bandwidth: 24 M)
46	Browser	IE, Chrome, Firefox
47	Storage	SFTP, NAS, Mirco SD card (Max. 512GB)
48	Weatherproof Standard	IP67
49	Power Source	PoE (802.3af)
50	Power Consumption	Basic: 1.6 W (12 VDC), 2.0 W (PoE) Max. : 3.7 W (12 VDC), 4.7 W (PoE) (H.265 + intelligence on + WDR+ warm light intensity)
51	Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
52	Operating Humidity	≤95% (RH), non-condensing
53	Storage Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
54	Storage Humidity	≤95% (RH), non-condensing
55	Dimension	85.5 mm × 109 mm
56	Casing	Metal + Plastic
57	Weight	0.3 kg
58	Warranty	Minimum 3 years onsite comprehensive warranty
59	Certification	CE,FCC,BIS, ROHS

2. The following are the technical parameters for the 4MP Fixed Bullet Network Camera		
S. No.	**Features**	**Description**
1	Image Sensor	1/2.9” 4MP PS CMOS Image Sensor
2	Effective Pixels	2560 (H) × 1440 (V)
3	Minimum Illumination	0.06 lux@F1.6 (Color, 30 IRE), 0.006 lux@F1.6 (B/W, 30 IRE), 0 lux (IR on)
4	RAM	128 MB
5	ROM	128 MB
6	DORI Distance	Lens 3.6 mm: 85.4 m (Detect), 34.2 m (Observe), 17.1 m (Recognize), 8.5 m (Identify)
7	Gain Control(AGC)	Auto/ Manual
8	Lens Type	Fixed-focal
9	Max. Aperture	F1.6
10	Lens Mount	M12
11	Close Focus Distance	3.6 mm: 1.7 m
12	Lens	3.6mm Lens
13	IR	IR Range of 30 Mtr.
14	Warm Light	Warm Light Range of 30 Mtr.
15	IR Control	Auto, Manual
16	S/N Ratio	>56 dB
17	Angle of View	3.6 mm: H: 78°, V: 40°, D: 93°

18	Back Light Compensation	BLC/ HLC/ WDR(120dB)
19	Resolution	4M (2560 × 1440), 3M (2304 × 1296), 2M (1920 × 1080), 1.3M (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
20	Video Compression	Instastream, H.265, H.264+, H.264, H.264H, H.264B, MJPEG (Only by sub stream)
21	Audio	Built-in Mic
22	Noise Reduction	3D NR
23	Motion detection	OFF/ON (4 areas, rectangular)
24	Video format	PAL/NTSC
25	Stream Capability	Dual stream
26	Frame Rate	Main stream: 4M (2560 × 1440)@1–25/30 fps Sub stream: D1 (704 × 576)@1–25 fps/ (704 × 480)@1–30 fps
27	Privacy Mask	4 areas
28	ROI	Support (4 areas)
29	OSD	Camera title, Date & Time
30	Audio Compression	G.711a, G.711Mu, PCM, G.726
31	Bit Rate Control	CBR/ VBR
32	Bit Rate	H.265: 12 kbps–4096 kbps, H.264: 32 kbps–4096 kbps
33	Protocol	SFTP, IPv6, IPv4, DNS,RTCP, NTP, RTP, HTTP, HTTPS, SNMP V1/ V2/ V3, TCP/IP, PPPoE, NFS, UDP, ICMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
34	Day/Night	Auto(ICR)/Color/B/W
35	SDK and API	Support
36	Ethernet	RJ-45 (10/100 Base-T)
37	Alarm Event	Network disconnection, IP conflict, illegal access, Motion detection, Video tampering, Audio detection, Security exception, SMD (human)
38	Cyber Security	AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot
39	SMD	Support the classification and accurate detection of human and vehicle
40	Mirror Function	Support
41	Smart IR	Support
42	Image Rotation	0°/180°
43	Storage	SFTP, NAS, Mirco SD card (Max. 512GB)
44	Iris Control	Fixed
45	Power Source	12 VDC/ PoE (802.3af)
46	Power Consumption	Basic: 1.6 W (12 VDC), 2.0 W (PoE); Max. : 3.7 W (12 VDC), 4.7 W (PoE) (H.265 + intelligence on + WDR+ warm light intensity)
47	Weatherproof Standard	IP67
48	Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
49	Operating Humidity	≤95%(RH), non-condensing
50	Storage Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
51	Storage Humidity	≤95%(RH), non-condensing
52	Dimension	162.6 mm × 70 mm× 70 mm
53	Casing	Metal + Plastic
54	Weight	0.3 kg
55	Warranty	Minimum 3 years onsite comprehensive warranty
56	Certification	CE,FCC,BIS, ROHS

3. The following are the technical parameters for the 2MP PTZ Camera :		
S. No.	**Features**	**Description**
1	Make	
2	Model Number	
3	Image Sensor	1/2.8” 2MP PS CMOS Image sensor
4	Effective Pixels	1920 (H) × 1080 (V)
5	Minimum Illumination	0.005 lux@F1.6
6	White Balance	Auto, Manual, Indoor, Outdoor, Natural light, Street lamp
7	Focus Control	Auto/Semi-Auto/Manual
8	Lens	4.8 mm–120 mm
9	Max. Aperture	F1.6–F3.5
10	Angle of View	H: 60.6°–3.2°; V: 34.1°–1.8°; D: 69.4°–3.7°
11	Close Focus Distance	0.1 m–1.5m
12	RAM	512 MB
13	ROM	256 MB
14	Iris Control	Auto/Manual
15	Electronic Shutter	1/1 s–1/30,000 s
16	Light Compensation	BLC, HLC
17	WDR	WDR 120 dB
18	S/N Ratio	≥ 55 dB
19	Optical Zoom	25×
20	Digital Zoom	16x
21	Image Rotation	180°
22	Pan/Tilt Range	Pan: 0° to 360° endless, Tilt: –15° to +90°, auto flip 180°
23	Manual Speed	Pan: 0.1°–80°/s, Tilt: 0.1°–80/s
24	Storage	SFTP, NAS, Mirco SD card (Max. 512GB)
25	Preset Speed	Pan: 80°/s, Tilt: 80°/s
26	Privacy Masking	Support
27	Presets and Tour	Up to 300 Presets, 5 Pattern, 8 (up to 32 presets per tour) Tour, 5 Scan
28	Defog	Electronic
29	IR Distance	100 Mtr
30	Day/Night	Auto (ICR)/Color/B/W
31	Gain Control	Auto/Manual
32	Resolution	2MP (1920 × 1080), 720p (1280 × 720), D1 (704 × 576),CIF (352 x 288)
33	Stream Capability Penta stream	Main stream: 2MP (1920 × 1080)@1–25fps, 720p, D1@1–25fps Sub stream 1: D1/CIF@1–25fps, Sub stream 2: 2MP (1920 × 1080)@1–25fps, 720p, D1@1–25fps Sub stream 3: D1/CIF@1–25fps, Sub stream 4: D1/CIF@1–25fps,
34	Bit Rate	H265: 86 kbps–5632 kbps, H264: 256 kbps–8192 kbps
35	Bit Rate Control	CBR/VBR
36	Smart Function	Tripwire, Intrusion,IMD
37	Noise Reduction	2D/3D-NR
38	Audio In	1 channel
39	Audio Out	1 channel
40	Alarm I/O	2/1 channel In/Out

41	Alarm Event	Motion Detection, Defocus Detection, Disk Full, Disk Error, Video Tampering, External Alarm, Security Warning, Audio Detection, AI Event
42	Ethernet	RJ-45 (10/100Base-T)
43	Protocols	HTTP, HTTPS,IPv4, IPv6, , TCP, UDP, RTP, RTSP, RTCP, RTMP, SMTP V3, SFTP, DHCP, DNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NAS, PPPoE, SNMP, Auto Connect, TLS v1.2 and v1.3, ONVIF (Profile S, Profile G, Profile T)
44	Cyber Security	AES 256-bit Encryption, Configuration encryption, Trusted execution, Digest, Security logs, WSSE, Account lockout, Syslog, Video encryption, 802.1x, Allow list/Block list, HTTPS, Trusted upgrade, Trusted boot, Firmware encryption
45	Operating Temperature	–40 °C to +65 °C
46	Operating Humidity	≤ 95% (RH)
47	Weatherproof Standard	IP66, TVS 6000V lightning proof, Surge protection, Voltage transient protection
48	Power Source	12 VDC, PoE (802.3af) , 3 A ± 10%
49	Power Consumption	Max: 25 W
50	Warranty	Minimum 3 years onsite comprehensive warranty
51	Certification	CE,FCC,BIS, ROHS

4. The following are the technical parameters for the 64 Channel 8 SATA NVR		
S. No.	**Features**	**Description**
1	IP Camera Input Channel	64
2	Operating System	Embedded Linux
3	Network Bandwidth	Max. 384 Mbps incoming/recording/outgoing bandwidth
4	Decoding Capability	2 Channel 32 MP@25 fps, 2 Channel 24 MP@25 fps, 4 Channel 16 MP@30 fps, 5 Channel 12 MP@30 fps, 8 Channel 8 MP@30 fps, 10 Channel 6 MP@30 fps, 12 Channel 5 MP@30 fps, 16 Channel 4 MP@30 fps, 32 Channel 1080p@30 fps
5	Video Compression	H.265+, H.265, H.264+, H.264
6	Smart Function	Face detection, Face recognition, Perimeter protection, Classification of Human and Vehicle
7	Perimeter Protection	4 Channel
8	Face Detection AI by NVR	At Least 2 Channel
9	Face Detection AI by Camera	16 Channels
10	Face Attributes	Supported
11	Resolution	32 MP, 24 MP, 16 MP, 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 2MP, 720p, 960p, D1, CIF, QCIF
12	Video Display Split	1/4/8/9/16/25/36/64
13	Video Output	2 HDMI / 2 VGA simultaneous video output
14	RAID	RAID 0/1/5/6/10
15	HDD Support	8 SATA ports, Up to 20 TB Per slot

16	Simultaneous Playback	Up to 16 Channels
17	Record Mode	General, Motion detection, Intelligent, Alarm
18	Playback Mode	Instant playback, General playback, Event playback
19	Smart Mobile Phone	iPhone, iPad, Android Phone
20	Browser	Chrome, IE, Edge
21	Interface	4 USB , 1 RS232, 1 RS485
22	Audio In	1 channel
23	Audio Out	1 channel
24	Audio Compression	G.711a; G.726;PCM, AAC
25	Alarm I/O	16/8 channel In/Out
26	Ethernet	2 no. of RJ-45 (10/100Base-T)
27	Protocols	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UDP, NTP, DHCP, DNS, SMTP, UPnP, IP Filter, FTP, DDNS, SNMP, Auto Registration, ONVIF 22.06 (Profile T, Profile S, Profile G)
28	Operating Temperature	–10 °C to +55 °C
29	Operating Humidity	10%–93% (RH)
30	Power Source	100–240 VAC, 50-60 Hz
31	Certification	CE,FCC,BIS, ROHS
32	Warranty	Minimum 3 years onsite comprehensive warranty
33	Certification	CE,FCC,BIS, ROHS

5. The following are the technical parameters for the 32 Channel 4 SATA NVR		
S. No.	**Features**	**Description**
1	IP Camera Input Channel	32
2	Operating System	Embedded LINUX
3	Network Bandwidth	Up to 384 Mbps incoming, 384 Mbps recording and 384 Mbps outgoing
4	Decoding Capability	2 Channel 32 MP@25 fps, 2 Channel 24 MP@25 fps, 4 Channel 16 MP@30 fps, 5 Channel 12 MP@30 fps, 8 Channel 8 MP@30 fps, 10 Channel 6 MP@30 fps, 12 Channel 5 MP@30 fps, 16 Channel 4 MP@30 fps, 32 Channel 1080p@30 fps
5	Video Compression	H.265+, H.265, H.264+, H.264
6	Smart Function	Face detection, Face recognition, Perimeter protection
7	Perimeter Protection	Up to 4 Channel
8	Face Recognition	At Least 2 Channel
9	Face Detection	At Least 2 Channel
10	Resolution	32 MP, 24 MP, 16 MP, 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 2MP, 720p, 960p, D1, CIF, QCIF
11	Video Display Split	Main screen: 1/4/8/9/16/25/36; Sub screen: 1/4/8/9/16
12	Video Output	2-channel VGA, 2-channel HDMI video output. Heterogeneous video source output for HDMI and VGA
13	HDD Support	4 SATA ports, Up to 20 TB Per slot
14	Simultaneous Playback	Up to 16 Channels
15	Record Mode	General, Motion detection, Intelligent, Alarm

16	Playback Mode	Instant playback, General playback, Event playback
17	Smart Mobile Phone	iPhone, iPad, Android Phone
18	Browser	Chrome, IE, Edge
19	Interface	3 USB , 1 RS232, 1 RS485
20	Audio In	1 channel
21	Audio Out	1 channel
22	Audio Compression	G.711a; G.726;PCM, AAC
23	Alarm I/O	16/6 channel In/Out
24	Ethernet	2 No. of RJ-45 (10/100Base-T)
25	Protocols	HTTP, HTTPS, TCP/IP, IPv4, UDP, NTP, DHCP, DNS, SMTP, UPnP, DDNS, Alarm Server, Multicast, P2P, Auto Registration, iSCSI; ONVIF 21.12(Profile T; Profile S; Profile G)
26	Operating Temperature	–10 °C to +50 °C
27	Operating Humidity	10%–93% (RH)
28	Power Source	12 VDC, 4Amp
29	Warranty	Minimum 3 years onsite comprehensive warranty
30	Certification	CE,FCC,BIS, ROHS

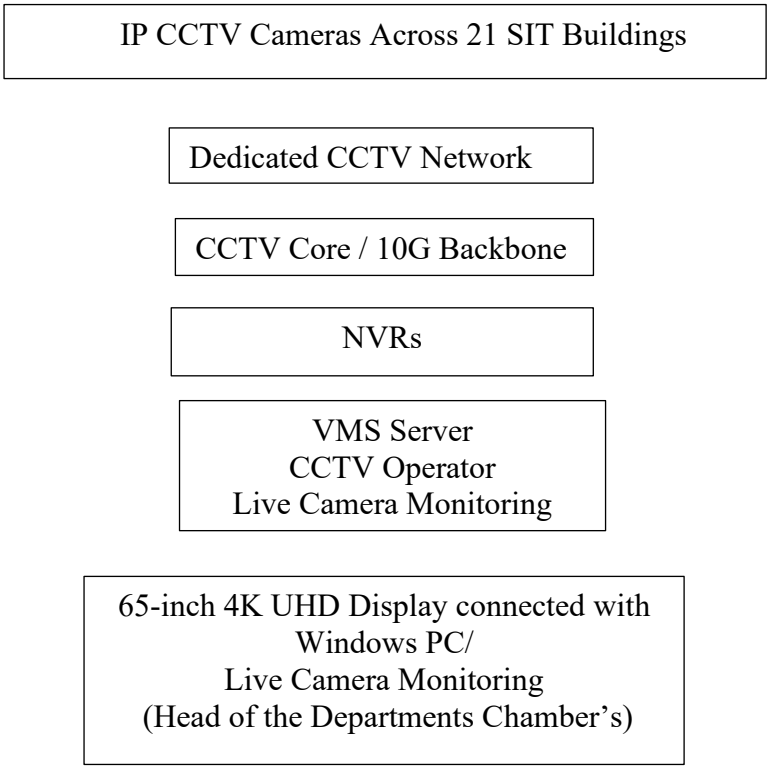
6. The following are the technical parameters for the 16 Channel 2 SATA NVR		
S. No.	**Features**	**Description**
1	IP Camera Input Channel	16
2	Operating System	Embedded LINUX
3	Network Bandwidth	Up to 384 Mbps incoming, 384 Mbps recording and 384 Mbps outgoing
4	Decoding Capability	2 Channel 32 MP@25 fps, 2 Channel 24 MP@25 fps, 4 Channel 16 MP@30 fps, 5 Channel 12 MP@30 fps, 8 Channel 8 MP@30 fps, 10 Channel 6 MP@30 fps, 12 Channel 5 MP@30 fps, 16 Channel 4 MP@30 fps
5	Video Compression	H.265+, H.265, H.264+, H.264
6	Smart Function	Face detection, Face recognition, Perimeter protection
7	Perimeter Protection	4 Channel
8	Face Recognition	At Least 2 Channel
9	Face Detection	At Least 2 Channel
10	Resolution	32 MP, 24 MP, 16 MP, 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 2MP, 720p, 960p, D1, CIF, QCIF
11	Video Display Split	Main screen: 1/4/8/9/16 , Sub screen: 1/4/8/9/16
12	Video Output	1 VGA:1920 × 1080, 1280 × 1024, 1280 × 720
13	Video Output	1 HDMI:3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720
14	RAID	Heterogeneous video source output for HDMI and VGA
15	HDD Support	2 SATA ports, Up to 20 TB Per slot
16	Simultaneous Playback	Up to 16 Channels
17	Record Mode	General, Motion detection, Intelligent, Alarm

18	Playback Mode	Instant playback, General playback, Event playback
19	Smart Mobile Phone	iPhone, iPad, Android Phone
20	Browser	Chrome, IE, Edge
21	Interface	2 USB , 1 RS232, 1 RS485
22	Audio In	1 channel
23	Audio Out	1 channel
24	Audio Compression	G.711a; G.726;PCM, AAC
25	Alarm I/O	4/2 channel In/Out
26	Ethernet	RJ-45 (10/100Base-T)
27	Protocols	HTTP, HTTPS, TCP/IP, IPv4, UDP, NTP, DHCP, DNS, SMTP, UPnP, DDNS, Alarm Server, Multicast, P2P, Auto Registration, iSCSI, ONVIF 23.12(Profile T, Profile S, Profile G)
28	Operating Temperature	–10 °C to +50 °C
29	Operating Humidity	10%–93% (RH)
30	Power Source	12 VDC, 4Amp
31	Warranty	Minimum 3 years onsite comprehensive warranty
32	Certification	CE,FCC,BIS, ROHS

7. Supply of 10TB Seagate Surveillance Hard Disk		
S. No.	**Features**	**Description**
1	Make	Seagate
2	Model	To be specified by the bidder
3	Interface	SATA III (6 Gb/s)
4	Capacity	10TB
	HDD Type	Surveillance-grade HDD
5	Rotational Speed	7200 or higher
6	Recording Technology	CMR (Conventional Magnetic Recording) preferred
7	Max. Sustained Transfer Rate OD (MB/s)	250MB/s
8	RV Sensors	Yes
9	Cache	256 MB or higher
10	Compatibility	Compatible with the proposed NVR / CCTV recording server
11	Warranty	Minimum 3 years

8. VMS Software		
S. No.	**Parameter**	**Minimum technical specification**
1	Software Type	Enterprise-grade, centralized IP Video Management System (VMS)
2	Application	Campus surveillance, examination monitoring, security management and incident investigation
3	Camera Capacity	Minimum 700 IP cameras, expandable to 1,000 cameras without replacing the core VMS
4	Architecture	Centralized management with distributed recording and monitoring
5	Camera Compatibility	Support ONVIF Profiles S and T; Profile G for supported edge-storage and playback functions
6	Camera Resolution	Support 2MP, 4MP, 5MP, 6MP, 8MP and higher-resolution IP cameras
7	Video Compression	H.264 and H.265; support H.265+ or proprietary codecs wherever compatible
8	Live Monitoring	Simultaneous live viewing of multiple cameras
9	Recording	Continuous, scheduled, manual and event-triggered recording
10	Playback	Synchronized playback from multiple cameras with date, time and event-based search
11	Video Export	Export recordings in standard video formats with an authenticated player or verification utility, wherever required
12	Operating System	Support for enterprise server operating systems and Windows-based operator clients
13	Licensing	Clearly specified perpetual or subscription licensing, including all camera, server, client and required software licences
14	Scalability	Expansion through additional recording servers, storage and operator workstations
15	Central Management	Centralized configuration, camera management, user management, monitoring and system health reporting
16	Availability	Support recording-server redundancy, failover and recovery
17	Time Synchronization	NTP support for synchronized timestamps across cameras, servers and operator workstations
18	Language	English user interface
19	Multi-User Login	Support multiple simultaneous users with individual login credentials and role-based access permissions
20	Alerts and Notifications	E-mail, SMS and WhatsApp notifications for configured events and alarms, including customizable notification templates, wherever supported
21	Mobile Application	Android and iOS applications for authorized users to access live viewing, playback and event notifications through secure authentication
22	Video Wall / Multi-Display	Support video wall and multiple display configurations, including camera grouping, layout management and automatic camera sequencing
23	Video Analytics	Support video analytics, including motion detection, intrusion detection, line crossing, object classification and other supported intelligent video analytics features
24	Camera Health Monitoring	Automatic alerts for camera disconnection, video loss, camera tampering and recording failure
25	User Access Control	Role-based access control with camera-wise and building-wise permissions
26	Backup and Restoration	Backup and restoration of VMS configuration, user settings and camera configurations
27	Warranty and Support	Software updates, technical support, bug fixes and licence maintenance for the specified support period

3. CCTV Architecture



4. Bid Price

a) The contract shall be for full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.

c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

d) <u>The Prices should be quoted in Indian Rupees only.</u>

5. Each bidder shall submit only one quotation.

6. Validity of Quotation

Quotation shall remain valid for a period not less than 90 days after the deadline date specified for submission.

7. Evaluation of Quotations .

a) The Purchaser will evaluate and compare the quotations determined to be substantially responsive, which are properly signed and confirm to the terms and conditions, and specifications.

b) The deviations in the specifications quoted to the required specification is not acceptable.

c) Please quote whether you are the original manufacturer of the equipment for which you have quoted or the dealer or the authorized agent of the company.

d) Please give list to whom you have supplied audio and video solutions during the last three years.

e) The quotations should be submitted in a sealed cover and the cover should be superscribed as **"CCTV @ Siddaganga Institute of Technology".**

8. **Award of contract**

a) The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

b) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

c) The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. You are requested to submit your quotation latest by **15:00 hours on 20**th November**, 2026** and the quotations will be opened at 16:00 hours on the same day.

10. Terms and Conditions:

To Pre-qualify all the CCTV OEM should satisfy the Eligibility Criteria mentioned below.

1. OEM company for Camera & NVR should have its own company registered in India (under Incorporation of Companies Act, 1956/ 2013) since last 10 year. Any representation through a Dealer/ Distributor/ Subsidiary/ consortium shall not be treated as OEM. This must be supported by necessary statutory documents.
   CCTV OEM should have manufacturing in India since last Five years and Foreign CCTV OEM should have manufacturing unit globally from last 10 Years. (Documentary evidence should be submitted).
2. The CCTV OEM should have its office in Karnataka. Required sales, service tax number/ certificate to be provided along with the bid.
3. The CCTV OEM should have a minimum of 4 service centres in Karnataka to reduce TAT.
4. OEM should have a manufacturing facility in India for 5 years to support Make in India
5. The OEM of the Camera, Storage, NVR/ VMS Software and Network Switches should not be a company having its major shareholding stake by any government or its entity or originated/founded by personnel of Defense origin or directly connected with land boarder countries and should not be blacklisted or banned by any country or government department in any country. The OEM Should not have any cheating or fraud case filed against their company for their respective product line.
6. CCTV Camera OEM should be fulltime member of ONVIF
7. The CCTV OEM should have below ISO Certifications for Quality, Environment, Security management and Health & safety Management system for manufacturing of all types of Cameras & NVR. All the CCTV Components (Camera, VMS, NVR, etc) should be from same OEM for seamless integration and ease of operation. The Bidder/s shall attach the copy of the OEM's ISO Certificate along with the bid.
8. The Camera OEM should comply to General Data Protection Regulation (GDPR) & Waste Electrical and Electronic Equipment (WEEE) . OEM need to submit its certificate with technical bid.
9. The Bidder(s) must propose 'Makes' that are in compliance to 'Make In India' guidelines of Government of India.
10. The bidder shall quote only STQC-compliant cameras

11. The OEM of the CCTV camera must have 500 employees on its payroll in India. Any OEM which is part of a larger group company but meeting criteria in India is also eligible. This is to justify that CCTV OEM has made an investment in India and is serious about its business in India which will ensure long-term after-sales support and spare support from the OEM. Respective document/ certificate to be provided along with the bid.

12. Any original equipment manufacturer (OEM) that has a joint venture in India with a Chinese firm shall not be eligible for this tender

13. OEM should have listed with Ministry of Skill Development & Entrepreneurship/National Skill Development Corporation (NSDC) to provide skilled manpower through their SI/Self to cater buyer requirement.

We look forward to receive your quotations at the earliest.

PRINCIPAL
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