



INSTITUTE OF ECONOMIC GROWTH

University Enclave, University of Delhi (North Campus), Delhi-110 007, INDIA

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16 January 2026

Notice to be Published on IEG Website

Subject: Quotations for CCTV Cameras System

Dear Sir,

The Institute of Economic Growth is an autonomous, multi-disciplinary center for advanced research and training in economics, demography and sociology and is recognized as such by the University of Delhi.

In extending CCTV Camera Services, the Institute invites sealed quotations for Supply and Installation of CCTV Camera System.

List is attached in FN-1


The bidder:

1. Required to submit per unit rates. For items as in sr. no. Annexure-1 submit rates along with adaptor.
2. Guarantee/ warranty on items should be mentioned.
3. Tax etc. for the item should be clearly mentioned.
4. Sealed envelopes containing the quotations should bear the mark "**Quotations for CCTV Cameras System**".
5. Attached Authorized Dealer/Seller for aforesaid product if any.
6. Enclose the Firm Registration No., GST Certificate, Pan Card/TIN No etc.
7. One price bid per envelope will be considered. Two or more price bids in one envelope will be rejected.
8. IEG reserves the right to reject any or all of the bids without assigning any reason.
9. Bid Validity: Bid shall remain valid for 90 days from the date of submission.
10. Special Conditions: Enclose Previous Work related to CTV Camera Supply Installation Completion Certificate, Training etc.
11. Confirm that price quoted covers 3(three) years on site Compressive services support and warranty. Additional two year (after three years) comprehensive services price was quoted separately. Price for CCTV Camera includes Power Supply/ Adapter price. Cable laying charges in meter (in case required) open wiring in conduit.
12. The CCTVs surveillance system need to be functional on 24x7 basis i.e. 24 hours all the days and need to have at least 20 days data storage capacity for all cameras.
13. Vender should have a minimum of 3 years of experience in a similar organization, parallel to the Institute in sales, manage and deployment.

Please note that: GST etc. will be deducted as per prevailing rates and as per notification of the Govt. of India.

The quotation may be deposited by 28 January 2026 at 3:00 p.m. and same may be dropped in the 'Tender Box' kept in the Center Office of the IEG. The Director, IEG reserves the right to reject any or all quotations at any stage without assigning any reasons.

Yours faithfully,


Parag Kamal Sharma
Programmer

Annexure -1

S.No.	Item List	Configuration	Preferable Make	Qty
1	Dome Camera 2 MP	Attached in Annexure-- 2	STQC certified	9
2	Bullet Camera 4 MP	Attached in Annexure--4	STQC certified	9
3	16 Port SFP PoE Network Switch	Attached in Annexure--5	CISCO/HP/D-Link	2
4	NVR 16 Ch. With 4TB SSD Hard Disk	Same as CCTV Camera Make Attached in Annexure--3	OEM (same as CCTV Brand)	2
5	SFP PoE Injector	100/1000 Base-T to 1000 Base-SX SC Multi-Mode Media Converter	OEM (D-Link etc)	24
6	Display Monitor 32-inch HDMI and VGA Support		HP/Dell/Lenovo	2
7	Overhead Laying of Cladded Fiber Optic Cable 16 Core Approx. 700Mtr. (complete work including supply of wire)	OM 5 (50µm)		Payment on actual basis
8	Fibre Optic Patch Cord	D-Link		24
9	Laying of Underground Cladded Fiber Optic Cable 16 Core Approx. 300 Mtr (complete work including supply of wire)	D-Link		Payment on actual basis
9	Cat 6 Patch Cord	D-Link		24
10	Iron Pole 2.5" Dia. 12 feet Height from Ground Level with installation including concrete base			2
11	Supporting Accessories (Rack, Power cable, Power switch and Power Ext., Water proof/ closure for CCTV Camera installed			As required while installation
12	Installation Charges			
13	Water proof enclosure for CCTV Camera installed outside in open			As per site requirement
14	3 Years Comprehensive AMC Annual Charges		For a period of 3 (Three) Years from the date of installation and commissioning	
15	Comprehensive AMC Annual Charges (Additional 2 Years Period)			

Annexure--2**2 MP Dome Camera****For halls and corridors having public access or for viewing distance upto 40 mtr.**

Sr. No.	Parameter	Specification
1	Image Sensor	1/3” Progressive CMOS or better
2	Day/ Night Operation	Automatic Switch
3	Minimum Illumination	Colour : 0.2 lux BW : 0.04 lux or better
4	IR Illumination	18 meter range or better
5	Image Resolution	2 Mega Pixel or better
6	Compression	H.264/ H.265
7	Frame Rate and Bit Rate	30 FPS or better
8	Stream	Dual or above
9	Motion Detection	Built in or IP integrated
10	Wide Dynamic Range	120 DB or better
11	interface	RJ45 10 BASE-T/ 100 BASE-TX
12	Protocols	IPv4, IPv6, HTTP, HTTPS, SSL/TLS, DHCPv4/v6 and additional
13	Security	User Authentication, IP Filtering and user access log
14	Event Trigger	Motion Detection and Tamer Detection
15	Operating Temperature	Location Specific
16	Operating Humidity	Location Specific
17	SQTC Compliant	The proposed camera should be SQTC compliant
18	Warranty	3 Years OEM warranty or Higher

Network Video Recorder

Sr. No.	Feature	Specification
1	IP Camera Input	16 Channel
2	Two-way Talk	1 Channel. RCA
3	Interface	HDMI, VGA
4	Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
5	On Screen Display	Camera Title, Time, Camera Lock, Motion Detection, Recording
6	Compression	H.265/ H.264
7	Recording Resolution	12MP
8	Incoming Bandwidth	320 MBPs or Higher
9	Record Mode	Manual, Schedule (Regular, Motion Detection, Alarm, IVS), Stop
10	Video Detection	Motion Detection, MD Zones: 396 (22x18), Video Loss and Tampering
11	Alarm Input/ Output	16 Channel/ 4 Channel
12	Synchronous Playback	16 Channel
13	Search Mode Playback	Time, Date, Alarm, MD and Exact Search (accurate to second)
14	Function	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom
15	Backup Mode	USB Device/ Network/ eSATA Device
16	Network Interface	2 RJ-45 Ports (10/100/1000MBPs)
17	Network Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP
18	Max. User Access	128 Users
19	Interoperability	ONVIF 2.4
20	Internal HDD	4 SATA Ports
21	Ports	3 USB Ports, RS485
22	Installation	Rack-mounted
23	Software	Necessary Software to be included
24	Preferred Make	STQC Certified Brand
25	Warranty	3 Years or Higher

**4 MP Fixed Bullet Camera
for viewing Distance upto 40 meters**

Sr. No.	Parameter	Specification
1	Image Sensor	1/3” Progressive CMOS or better
2	Day/ Night Operation	Automatic Switch
3	Minimum Illumination	Colour : 0.2 lux BW : 0.05 lux or better
4	Image Resolution	4 Mega Pixel or better
5	Video Compression	H.264/ H.265
6	Frame Rate	25 FPS or better
7	Stream	Dual or above
8	Motion Detection	Built in or IP integrated
9	Wide Dynamic Range	120 DB or better
10	IR	20 Mts or better
11	Interface	RJ45 10 BASE-T/ 100 BASE-TX PoE
12	Protocols	IPv4, IPv6, HTTP, HTTPS, SSL/TLS, DHCPv4/v6 and additional
13	Security	User Authentication, IP Filtering and user access log
14	Event Trigger	Motion Detection and Tamper Detection
15	Operating Temperature	Location Specific
16	Operating Humidity	Location Specific
17	SQTC Compliant	The proposed camera should be SQTC compliant
18	Warranty	3 Years OEM warranty or Higher

SFP PoE Switch

Sr. No.	Description	Specification	
1	PoE Port	8*10/100/1000 Port support IEEE802.3	16*10/100/1000 Port support IEEE802.3
2	Switch Capacity	5 GBPs or better	7 GBPs or better
3	Transmission Distance	100-150 m	
4	Protocol Standards	IEEE802.3 af/ IEEE802.3 at	
5	PoE Type	End-span	
6	Network Standard	IEEE802.3, IEEE 802.3u, 802.3x, 802.3af/ at	
7	Network Medium	10/100/1000 MBPs 5 class and above non shielded twisted pair	
8	SFP Port	Yes	
9	Forwarding Rate	100 Mbps: 14880pps/ 1000 Mbps: 1480pps	
10	MAC Address	MAC Address table 8K	
11	Port Function	Power priority mechanism, fast and forward, MAC IEEE802.3X Full-duplex and mode and backpressure for half-duplex mode.	
12	Indicators	Each port occupied 1 Link/ Act 100 Mbps PoE Status Indicator, Whole Power Indicator	
13	Working Temperature	Location specific, Location with subzero temperature should use Industrial grade switches	

Note:- The intellectual Property Rights for the switches should not be with a company from a country which share land border with India. Non-compliance would need prior approval.

CCTV Camera Location

S.No.	Location	Type of Camera	No. of Camera	Coverage
Ground Floor				
1	Gate No. 1	4MP Bullet	2	One Camera facing inside IEG and Another Camera Facing towards Gate
2	Gate No. 2	4MP Bullet	2	One Camera facing inside towards library backside and Another Camera Facing towards Gate
3	R K Hall Side (inside Entrance Gate)	4MP Dome -1, 1 MP Dome -1 nos.	2	One Camera Facing Towards RK Hall Entrance Through Corridor and another above toilet facing towards another hall etc
4	Reception (Inside)	2MP Dome	1	To cover full reception, Entry and sitting
5	Main Portico (Outside Reception)	4MP Bullet	2	One Camera facing towards Gate No. 2 and One Camera facing towards RK Hall Side entrance
First Floor				
6	Outside IES classroom	2MP Dome	1	Outside entry gate of IES classroom
7	Round Stair Case	2MP Dome	1	Once Camera to cover up/down Movement for roof through 2nd floor
8	Corridor 101-108	2MP Dome	1	To cover corridor and room entrance
9	Outside LIFT Area on FF	2MP Dome	1	To capture Biometric Machine and staircase area
Second Floor				
10	Near PRC Entrance	2MP Dome	1	Facing Towards PRC conference Room
11	Near Room No. 223	2MP Dome	1	Facing Towards Room No 228
12	Hostel	2MP Dome	1	Facing Towards Room Hostel Entrance
13	Above PRC conference room	4MP Bullet	1	Facing Towards to CU and VKRV Rao covering 1/2/3 floor corridor
14	Above Prof. Indrani Gupta Room	4MP Bullet	1	Facing Towards to Round Staircase covering 1/2/3 floor corridor