



OFFICE OF THE DEAN (STUDENTS) IIT MADRAS, CHENNAI - 600036

CCTV SYSTEM: TENDER NOTICE

General Instructions

It is proposed to install CCTV system in all the hostels of IIT Madras. CCTV system should be designed so as to cover the strategic locations and sensitive areas of the hostels for increased surveillance and monitoring.

In this connection, the following broad specifications for camera and associated systems are recommended.

Tenders are invited for supply and installation of CCTV System and its annual maintenance contract. Specifications, as mentioned below, are desirable. However, any other specifications may also be included in the bid.

The bid should be as per the format in the Appendix.

On finalization, the details of shortlisted contractor(s) shall be uploaded in the website of the Office of Hostel Management. The hostels desirous of installing CCTV System, shall contact the contractors directly and execute the work and make payment as per the details uploaded in the website. Similarly annual contract will also be effected by hostels independently.

The requirement of CCTV System, as on date, is in 8 hostels. Each hostel is an independent unit as far as the establishment of CCTV System is concerned. Each hostel may require a minimum of 4 cameras and 100 metres of cabling.

The tender may be cancelled without assigning any reasons.

The bids may be submitted at the O/o Dean (Students) by 15:00 hrs on 31 March 2015.



Technical Specifications

Camera:

1. Day/Night vision color CCD cameras shall be easily surface mounted on ceilings or walls and provide manually adjustable viewing positions.
2. Camera should have a minimum of 650TVL
3. Indoor cameras should have 15-20m range and outdoor cameras should have 30-40m range
4. Preferred camera brands are CP+, Dahua, Hik Vision (other brands also may be quoted)
5. The Camera should work with minimum illumination of 0.5 lux @ 1.2, 30 IRE, AGC
6. Connectors: Video Out: BNC. Power: DC Jack type
7. Temperature: 1) Operating: 10° C to 55 °C
Humidity: 0% to 90% RH, non-condensing.
8. Proper weather proofing for outdoor cameras

Video Recorder:

1. Digital video recorder with real time recording resolution of D1
2. Storage capacity of 1TB and 2TB (both may be quoted)
3. Balloon connectors may be used to prevent video loss
4. Preferred makes are Dahua, Hik vision (other brands also may be quoted)

Cables, Monitor:

1. (1+3) CCTV cable / D-LINK CAT 5 CABLE with Channel wiring.
2. 15" LCD monitor as display unit

OTHERS

1. A Graphical User Interface (GUI) shall be implemented to assist the user in recording, monitoring and viewing the recorded images
2. Recordings should be password protected with proper security features
3. As far as possible, cameras, DVR and other peripherals must be of the same make.
4. Validity of this quote including AMC shall be for a period of one year from the last date for submission of quotations.



(Refers to Tender Notice for CCTV System)

PRICE BID FOR CCTV SYSTEM FOR OFFICE OF HOSTEL MANAGEMENT

TECHNICAL DETAILS	REMARKS/ ADDITIONAL DETAILS, IF ANY	ACCOUNTING UNIT	UNIT PRICE (RS)
CAMERA			
Specifications			
Day/ Night Vision			
Colour			
Manually Adjustable viewing positions			
TVL			
Range Indoor			
Range Outdoor			
Brand			
Illumination			
Connectors: Video Out: Power Supply:			
Operating Temperature			
Humidity			
Condensation			
Weather proofing for outdoor cameras			
Total Cost (Camera)			
VIDEO RECORDER			
Recording Resolution			
Storage, 1 TB			
Storage, 2 TB			
Video Balloon connectors for prevention of video loss			
Brand			
8 channel			
16 channel			
Total Cost DVR			



TECHNICAL DETAILS	REMARKS/ ADDITIONAL DETAILS, IF ANY	ACCOUNTING UNIT	UNIT PRICE (RS)
CABLES			
Type			
Total Cost of Cables		per 100 metres	
MONITOR 15 INCHES			
Brand			
OTHERS			
GUI implementation			
Password protection and security features			
Compatibility of the accessories with other brands			
Experience in Educational Institutions in installing CCTV System			
No. of days required for installation after issue of work order			
POWER SUPPLY: Details			
INSTALLATION CHARGES			
For Camera, DVR and Power Sockets			
Laying Cables		Per running metre	
WARRANTY, AFTER SALES SERVICE DETAILS:			
Have you installed cameras in any hostel of IIT Madras. If yes, please specify			

