



**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
SECTOR 16C, DWARKA, NEW DELHI – 110 078**

LAST DATE: 13.06.2013
BY 12.30 P.M.

EXPRESSION OF INTEREST
FOR SUPPLY & INSTALLATION OF IP BASED CCTV CAMERAS AND ITS
ACCESSORIES (SECURITY SURVEILLANCE SYSTEM)

1. Guru Gobind Singh Indraprastha University invites "Expression of Interest" from reputed and expert Companies having experience in supply and installation of IP Based CCTV Cameras and its accessories (Security Surveillance System) for monitoring of crowded locations vulnerable to crime and terrorist related incidents in University Campus. It is reiterated that only such companies having successfully provided comprehensive IP Based CCTV Cameras and its Accessories (Security Surveillance System) in major organization of Central Government / State Government / Central Autonomous bodies / State Autonomous bodies / Central Public Undertaking / State Public Undertaking/Educational Institute will be considered for pre-qualification.

2. Scope of work

In view of increasing public/students in the University as well the floating public/students visiting various Schools/Departments, heightened security threat and crime prevention & detection needs, Guru Gobind Singh Indraprastha University intends to upgrade the security of public places through the CCTV surveillance systems. Various important places in the University will be covered by IP based - CCTV surveillance system with state of the art facility of monitoring the video relay at the level of Schools, Departments, Divisions besides a central location. The suggested system should have the following salient features:-

- (a) Day & Night online surveillance of crowded locations/busy public places on a 24X7X365 days basis. Connectivity and monitoring from all the sites of installation should be available at UCITIM, Sub-Division Central Monitoring Control Room and with the Chairman UCITIM concerned in respect of areas falling under their jurisdiction.
- (b) The facility of recording at each of the installation should be for a minimum period of 24x7 days and redundant recording available at camera level, in case of power failure. The recording facility available at the central level in respect of all the location should be for a minimum period of 30 days for a Central Control Room; 14

days for Sub Division; and 3 days for individual location whereas the recording facility available at Central Control Room should be for a minimum period of 7 days.

- (c) Storage facility of recording in the form of back-up storage should be available in Central Monitoring Room.
- (d) The monitoring should consist of a combination of PTZ & Fixed Cameras (Day & Night Vision) and a suitable connectivity and mechanism shall be suggested by the bidders in their documents in the Expression of Interest.

Project implementation

The Project will be implemented in phases covering the major locations and other important public places.

Objectives of the Project

1. Live monitoring of activities in the various locations and other vulnerable places, from the point of view of crime prevention & detection, to check the activities of mischievous elements and overall security of the University area from violence angle as well as check alertness of Guards/Personnel on duty and their locations.
2. If an event at any location necessitates, reinforcements, alert the remaining locations/areas.
3. To record the movements of vehicles and public at specific locations for future planning/actions.
4. To create a Central Command and Control Centre.
5. Immediate incident detection and effective management of University response.
6. Identification of disaster/emergencies and response thereon.

Functional Requirement (Solution)

1. As described in the requirement, the solution should be scalable.
2. The solution must offer a central location to record and view all the cameras.
3. The solution must also give an option to view small group of cameras, important to individual department, to individually view it without disturbing the main recording or setup.

4. The solution should give option to record the video on different frame rates for individual camera at central location.
5. The recording or live view of the cameras should be available to authorize personal only.
6. The university already has an OFC network installed and working. The cameras are to be installed on the same network.
7. Future possibility of coverage/adding additional locations/cameras, if required.
8. The recording resolution and frame rate for each camera shall be user programmable.
9. All the cameras should be provided with suitable surge suppressor against lighting in power, signal & video lines.
10. All the cameras and equipment meant for outdoor installations shall be suitable to work from 0°C to 50°C with relative humidity up to 95% non-condensing.
11. All the field cameras should have tilt & zoom facilities.
12. All camera recording shall have camera IDs & location of recording as well as date/time stamps and recording of real-time mode.
13. In order to optimize memory while recording, video shall be compressed using MPEG4 or better standard over the IP network. Once on the network, video can be viewed on a control room work station or on a monitor using a hardware decoder.
14. The system shall be triplex, i.e. It should provide facility of viewing, recording and replay simultaneously.
15. The bidder should propose most suitable, economical integrated system solutions and development of an effective network to provide 100% uptime for the entire links in a manner that operational data should not lost in case of failure of equipment or communication network and provision of suitable disaster recovery mechanism.
16. The functional requirement is only indicative, the system vendor shall quote latest system available at the time of submitting EOI.

(a). University has following CISCO switches installed at various locations:

Sr. No.	Type and Model of Switch	Type of Use
1.	4560	Distribution Switch
2.	2960	Access Switch

(b). Following are the designated places, university wishes to install CCTV facility:

S.No.	Name of place	Controlling place
1.	All three gates, in and around VC residence (out side),	Main gate/Security Office
2.	Teaching Block A (All entry-exit of the block)	AFR-105 AFR-205
3.	Teaching Block B (All entry-exit of the block, Parking area of B-C Block)	BFR-105 BFR-205
4.	Teaching Block C (All entry-exit of the block including car parking and basement area)	CFR-205 CFR-305 CFR-403
5.	Teaching Block D (All entry-exit of the block including car parking and basement area)	DFR-205
6.	Teaching Block E (All entry-exit of the block including car parking and basement area)	EFR-205
7.	University Library (in side)	Librarian office
8.	Canteen Area (in and out side) and Library out-side	DSW office
9.	Hostels (all entry-exit, ground surrounding hostels)	Warden office of BH1, BH2, GH1, GH2
10.	Shopping Complex	DSW office
11.	Residence Block (Parking area), Type – IV and V	Security Office
12.	Residence Block (Parking area) Type – I, II, III	Security Office
13.	Community Centre	Security office
14.	Examinations Division	CoE office

Companies/Firms are requested to visit the site and prepare a detailed project as per the above said requirement of Cameras.

17. All CCTV cameras shall be installed on existing network.
18. Installation includes not only installation of camera but also installation of monitors, computer/server purchased from the vendor and also the installation of viewer software on university's presently owned computers as well.
19. The wiring, including installation of POE injector, conduits and cables installation from switch to the camera will be vendor's responsibility.
20. Installation to be done under supervision of university's authorized personnel.
21. Any pole required to install a camera for a particular location will be provided by the University.
22. If required the display should be able to be clubbed together to form a video wall without using video wall controller.

23. A requisite KVM switch to be installed so that all the servers can be controlled by one mouse and keyboard.
24. The bidder shall propose the most suitable integrated system solutions.
25. In case of any technical clarification/queries, companies/firms may contact to the Chairman UCITIM as per details given below:

Chairman UCITIM
Server Room, D Block, 4th Floor
GGSIU University, Sector 16C
Dwarka, New Delhi - 110078

Pre-qualification Criteria

1. The Company must produce latest OEMs Authorization Certificate with blue ink signature.
2. Vendor should supply same make of CCTV camera and software. Server, LED monitor and storage server may be a make of IBM/HP/ACER/SONY/Panasonic/LG.
3. The Company must be well established in the area of Security Surveillance System and must have a valid agreement, establishing their business. If the company is based abroad they must have an office in India.
4. The Company should have sufficient technical expertise and requisite infrastructure to develop/install CCTV & Security Surveillance System.
5. The Company should also have the authorization of full support of maintenance and spares as detailed in this tender document from OEMs.
6. The Company should have minimum average annual financial turnover of Rs. 5 crores during the last three years ending March 2012 duly certified by Chartered Accountant.
7. The Company must have satisfactorily execution of 03 similar projects each costing not less than Rs. 30 lacs or 02 similar projects each costing not less than Rs. 40 lacs or 01 similar project costing not less than 50 lacs during the last five years ending December 2012. Similar project shall mean work of supply & installation of IP Based CCTV Cameras and its Accessories (Security Surveillance System) in the major organization of Central Government / State Government / Central Autonomous bodies / State Autonomous bodies / Central Public Undertaking / State Public Undertaking/Educational Institute.

OR

The Company must have satisfactorily completed a project installation & commissioning of 150 Nos. IP Based CCTV Cameras and its Accessories (Security Surveillance System) with necessary software & infrastructure during the last five years ending December 2012 in the major organization of Central Government /

State Government / Central Autonomous bodies / State Autonomous bodies / Central Public Undertaking / State Public Undertaking/Educational Institute.

8. Letters of reference from past customers together with contact, address etc. of each customer in order to show past performance in the execution of projects of a comparable nature and complexity.
9. The Company should provide a bank solvency certificate of Rs. 50 lakhs.
10. No consortium will be entertained, only individual agencies will be allowed to quote.
11. The Company must have qualified personnel in their company. The Company will supply information of such personnel and alternate for each mentioning the experience in similar works as below :-

	Total Experience (Years)	In similar works (Years)	As managers of similar works (Years)
Project Manager other position (List only key management and specialist positions)			

Expression of Interest document should cover the following:

1. Core business areas of operation, number of years in the business, ownership and organizational structure of the Company.
2. Client references and brief details of the similar projects.
3. Audited financial statement for the last 3 years showing financial capability.
4. Solvency Certificate of Bank.
5. Schematic diagram of the proposed system.
6. Flow chart for control applications.
7. Approach paper for the proposed project.
8. Any other relevant information.

Warranty & Comprehensive Maintenance

1. The complete system shall be under one year warranty, after successful testing, commissioning & handing over to GGSIPU and defect free maintenance during the period. After the end of the warranty period, it will be mandatory on the part of the contractor to enter into a 5 year Comprehensive Annual Maintenance Contract with GGSIPU.

2. During this 6 years period, contractor has to undertake preventive maintenance & breakdown maintenance, if any. Contractor shall ensure the availability of spares during AMC period. The contractor shall detail competent and experienced two supervisory staff with degree in engineering and one service engineer in each shift having diploma/ITI or equivalent qualification.
3. Contractor shall make necessary arrangements for keeping the sufficient spares at site to minimize the down time.
4. Training to be given to GGSIPU staff for operation & maintenance, troubleshooting, user level training pertaining to system after successful commissioning.

OTHER REQUIREMENTS AND TERMS & CONDITIONS :

1. **CONFIDENTIALITY:** The vendor shall not disclose to any one, any information marked as confidential and communicated or made available or accessible by the Vendor during execution of the work.
2. **OWNERSHIP:** Ownership of data: Guru Gobind Singh Indraprastha University will own the data, application and its source code whatsoever including supporting classes, modules, etc.
3. A briefing meeting will be held at the office of In-Charge (Purchase), Guru Gobind Singh Indraprastha University, Sector 16C, Dwarka, New Delhi - 110078, on **10.06.2013 at 1200 Hrs.**, wherein the requirements of Guru Gobind Singh Indraprastha University will be briefed to the companies interested in Expression of Interest. The interested companies may send their representatives in the meeting.
4. The Expression of Interest shall be put by interested bidders in a box placed at Purchase Branch, Room No. L010, Ground Floor, Library Block, Guru Gobind Singh Indraprastha University, Sector 16C, Dwarka, New Delhi **by or before 12.30 PM on 13.06.2013**. The box will be opened at **02:30 PM** on the same day. If the said date of opening is declared a holiday, the box will be opened on the next working day at the same time but will be sealed on due date and time. The participating firms or their representatives are at liberty to attend the proceedings of opening of the Expression of Interest.
5. After opening the bid for 'Expression of Interest', the selected firms shall be required to give live demonstration/presentation of the proposed system at a short notice of 15 days. Therefore the agencies are advised to prepare themselves with the system well in advance.

sd/-

(COL. P. M. BEDEKAR)
IN-CHARGE (PURCHASE)

Format of Application Form
(On applicant Company's Letterhead)

To,

The Registrar,
GGSSIP University,
Sector 16C, Dwarka,
New Delhi - 110078.

Sub: Expression of Interest for supply and installation of IP Based CCTV Cameras and its accessories (Security Surveillance System)

Dear Sir,

This has reference to the advertisement that was published in the Hindustan Times (English) dated _____ for **supply and installation of IP Based CCTV Cameras and its accessories (Security Surveillance System) at Guru Gobind Singh Indraprastha University**. We are interested in submitting our Expression of Interest for the same.

We would like to clearly state that we qualify for this work as our company meets all the pre-qualifying criteria indicated by you on the Website. The details are as under:

Pre-qualification Criterion	Details	
The Company must produce latest OEMs Authorization Certificate with blue ink signature.		
The Company must be well established in the area of Security Surveillance System and must have a valid agreement, establishing their business. If the company is based abroad they must have an office in India.		
The Company should have sufficient technical expertise and requisite infrastructure to develop/install CCTV & Security Surveillance System.		
The Company should also have the authorization of full support of maintenance and spares as detailed in this tender document from OEMs.		
The Company should have minimum average annual financial turnover of Rs. 5 crores during the last three years ending March 2012 duly certified by Chartered Accountant.	Financial Years	Rupees in Crores
	2009-10	
	2010-11	
	2011-12	
	Total	
The Company must have satisfactorily execution of 03 similar projects each costing not less than Rs. 30 lacs or 02 similar projects each costing not less than Rs. 40 lacs or 01 similar project costing not less than 50 lacs during the last five years ending December 2012. Similar project shall mean work of supply & installation of IP Based CCTV Cameras and its Accessories (Security Surveillance System) in the major organization of Central Government / State Government / Central Autonomous bodies / State Autonomous bodies / Central Public Undertaking / State Public Undertaking/Educational Institute.	Name of Organisation	Value and No. of Cameras of Executed Work

OR			
The Company must have satisfactorily completed a project for installation & commissioning of 150 Nos. IP Based CCTV Cameras and its Accessories (Security Surveillance System) with necessary software & infrastructure during the last five years ending December 2012 in the major organization of Central Government / State Government / Central Autonomous bodies / State Autonomous bodies / Central Public Undertaking / State Public Undertaking/Educational Institute.			
Letters of reference from past customers together with contact, address etc. of each customer in order to show past performance in the execution of projects of a comparable nature and complexity.			
The Company should provide a bank solvency certificate of Rs. 50 lakhs.			
No consortium will be entertained, only individual company/agencies will be allowed to quote.	Yes/No		
The Company must have qualified personnel in their company. The Company will supply information of such personnel and alternate for each mentioning the experience in similar works		Total Experience (Years)	In similar works (Years)
	Project Manager other position (List only key management and specialist positions)		As managers of similar works (Years)
Attested copy of the Certificate of Incorporation with the copy of Articles and Memorandum of Association	Yes/No		
Address and contact numbers of technical support office in Delhi	Yes/No		
Approach papers for the proposed project	Yes/No		

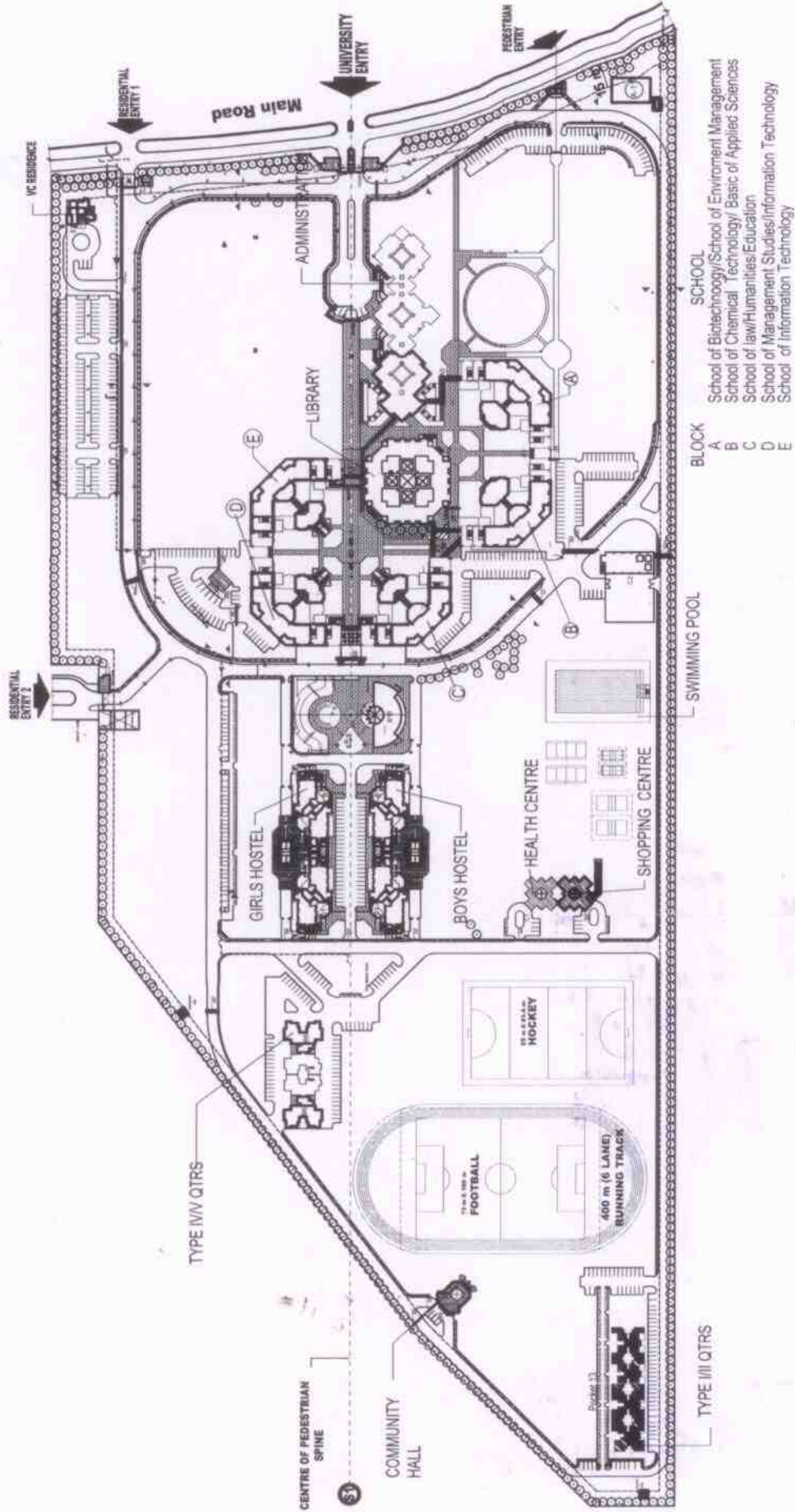
We understand that if the details given in support of claims made above are found to be untenable or unverifiable or both, our bid may be rejected without any reference to us. We further clearly understand that Guru Gobind Singh Indraprastha University is not obliged to inform us of the reasons of rejection of our bid.

Yours sincerely

(Signature, Name, designation, contact address and Telephone number of the authorized signatory)
Seal

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