



CENTRAL UNIVERSITY OF SOUTH BIHAR

SH-7, Gaya-Panchanpur Road, Village-Karhara, P.O.- Fatehpur, Gaya-824236, (Bihar)

EoI Ref.: CUSB/PSD/ADMIN/EOI/03/2018-19,

Dated 03/01/2019

Inviting Expression of Interest from Reputed System Integrators for Proposing Solution for IP Based CCTV Surveillance System on the University Campus



Central University of South Bihar

SH-7, Gaya- Panchanpur Road, Village- Karhara,

Post- Fatehpur P.S- Tekari,

District- Gaya (Bihar), PIN- 824 236

Email : registrar@cub.ac.in

Website : www.cusb.ac.in

Contact : 0631-2229519

CPP Portal : www.eprocure.gov.in

Bidders are requested to read the complete EoI documents and visit the site to understand its locality, terrain, surrounding conditions etc. before submission of Bids. Queries related to EoI may be send at (registrar@cub.ac.in), (so1@cub.ac.in). For further information visit University Website – (www.cusb.ac.in)



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Schedule of Expression of Interest

Name of the Client	Central University of South Bihar
Name of the Eol	“inviting Expression of Interest from Reputed System Integrators for Proposing Solution for IP Based CCTV Surveillance System” on the University campus as per present requirements.
Contact Person of Client	Registrar, Central University of South Bihar
Contact Details of Client	Registrar, Central University of South Bihar SH-7, Gaya- Panchanpur Road, Village- Karhara, Post- Fatehpur, P.S- Tekari, District- Gaya (Bihar) PIN- 824236 Email : registrar@cub.ac.in
Sale of Eol document	Bidder can download the Eol document from University Website www.cusb.ac.in free of cost.
Date of start of submission of Eol	03/01/2019
Last date of submission of Eol	21/01/2019 upto 4:00 PM
Date of opening of Eol and Presentation	Shall be notified later and published on University website accordingly.
Venue of Presentation	CUSB Campus, Panchanpur Road, Gaya

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Introduction

Central University of South Bihar, hereinafter to be referred as CUSB, is one among the sixteen newly established Central Universities by the Government of India under the Central Universities Act, 2009 (Section 25 of 2009). The University is located at State Highway-7, Gaya-Panchanpur Road and spread over 300 acres of land. Currently the University is having approximate strength of 1500 student and 200 Teaching and Non-Teaching staff and more than 900 students are residing in the campus.

As a proactive approach for ensuring a safe environment for the general public and various in-house personnel, CUSB intends to setup proper surveillance systems on its campus.

CUSB invites Expression of Interest (EoI) from leading, reputed, professionally & financially sound and duly registered companies /agencies /organizations (preferably Government/ State Organization or Central/ State PSU's or Reputed IT Companies) having required experience and technical expertise in execution of Development, Supply, Implementation, and Maintenance of complete Integrated Security and Surveillance System.

As such, CUSB intends to call this Expression of Interest from reputed and expert system integrators having experience in supply of Security devices and in designing, setting up and implementation of IP CCTV surveillance systems and suitable solution for enhancing the overall security of University campus.

Considering the existing infrastructural setup and the locality, the system integrators should propose suitable system for implementation of complete and comprehensive solution and we expect the system integrators to provide a systematic and fool-proof solution for IP CCTV surveillance system.

Intent

The University desires to shortlist qualified bidders who will assist in setting up an integrated security surveillance system which would involve the design, supply, installation, testing, commissioning, 24/7 operations/maintenance for at least 3-years of an effective and state-of-art IP-based integrated CCTV security and surveillance system on the campus of CUSB, Gaya.

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The key objectives of Project

- Building a safe and secure Campus.
- Assessment of the need of Access Control System, Surveillance Cameras, ANPRs, VMS etc. based on the perceived threat and traffic congestions on various spots in identified areas including various buildings and main gate.
- Securing infrastructure, places etc. by collecting and analyzing the information received from cameras deployed at various locations in the identified areas.
- Centralizing all emergency/ distress calls for University through centralized management system and having single number for contact.
- Monitoring all the areas of the University campus.
- Localizing, mobilizing, gathering and tracking the appropriate response resources.
- Informing the University Authority of current issues within the area in emergency situations.

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Objectives of the Project

- Live monitoring of activities in the various in-door and outdoor locations and other vulnerable and sensitive places.
- To check the activities of mischievous elements and ensure overall security of the campus from violence angle as well as to check alertness of Guards/ Personnel on duty and their location.
- If an event/incident at any location necessitates reinforcement, to put on alert the remaining locations/areas.
- To create a Central Command and Control Centre.
- Immediate incident detection and effective management of campus response.
- Identification of disaster/ emergencies and response thereon.

Functional Requirements of the Project

In view of the location of the CUSB in a remote naxal affected rural area and considering the continuous growth in number of students in the university as well as the floating public visiting various Departments, CUSB intends to upgrade the security of public places through the CCTV surveillance systems. Various important places on the Campus will be covered by IP based- CCTV surveillance system with state-of-the-art facility of monitoring the video relay at the level of Departments, Divisions besides a Central Command and Control location.

The suggested system should have the following salient features:

- (a) Day & Night online surveillance of critical locations/busy public places on a 24x7x365 days basis. Connectivity and monitoring from all the sites of installation should be available at Central Monitoring Control Room, Sub Division (Building wise) and with the officials concerned in respect of areas falling under their jurisdiction.
- (b) The facility of recording for each of the camera should be on 24x7 basis at the Central Control room level and option of redundant recording available at camera level, in case of power failure. The recording facility available at the central level in respect of all the locations should be tentatively for a period of 7 days and option of storage capacity for 15 days, and 30 days of recording should also be given.

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- (c) Storage facility of recording should support back-up storage and archiving if required at the Central Monitoring Room.
- (d) The monitoring of cameras should be on real time basis in a central control room with possibility of localized monitoring at various department/ building levels.
- (e) Video management software with capabilities to export video for evidence, playback and search recorded files, multi-level authorization and monitoring controls, licensed application for a professional control room setup.
- (f) The cameras should consist of a combination of PTZ & Vari-Focal Cameras with excellent Full HD or latest better quality in Day & Night Vision with good low light performance as well.
- (g) Complete optical fiber backbone and passive network with Active Layer 2/Layer 3 network should be planned separately for IP CCTV system.
- (h) Robust power infrastructure and power back up should be planned for all cameras and control room equipment.
- (i) The system should be scalable and possibility to add cameras, monitoring stations or other devices should be available.
- (j) The recorded data should have redundancy built in for storage.
- (k) All items/products/solutions required for a turnkey project should be suggested and included in the bill of materials to be submitted with the EoI.
- (l) Operation and maintenance manpower should be planned for a period of 3 years.

Scope of work

The Scope of Work of this EoI includes the following:

- (1) Detailed Site Survey of all the Blocks of the University.
- (2) Preparation and submission of Site Survey Reports.
- (3) Preparation and submission of Solution Document and Network Architecture including but not limited to the following components:
 - a. IP based CCTV Cameras
 - b. Active LAN network with Layer 2/Layer 3 switches
 - c. Optical fiber back bone
 - d. Passive Network with UTP CAT6 cables
 - e. Control room setup with recording and monitoring

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- f. Video Management software with Display panels for 24x7 monitoring and surveillance
 - g. Power Infrastructure with backup for solution proposed
 - h. All other components required for the successful execution of the Project.
- (4) Preparation and submission Bill material.
- (5) Submission of Technical specifications of all equipment and solution proposed
- (6) Preparation and submission of Training Deliverables.
- (7) Preparation and submission of scope for operations and management of the entire system including its sub systems, customer support and responsibility as per SLAs (Service Level Agreement).

Locations and areas to be covered

Presently, the following areas on the CUSB campus are to be covered under the scope of IP CCTV surveillance:

- a. Administrative Block
- b. School of Earth, Biological and Environmental Science Block
- c. School of Social Science and Policy Block
- d. School of Education Block
- e. Lecture Hall complex
- f. Girls Hostel Blocks
- g. Boys Hostel Blocks
- h. Kitchen Mess Block
- i. Guest House
- j. Stupa
- k. VC Residence cum Camp Office
- l. At the Main Campus Entrance
- m. At the Service Entrance

Other areas may be added during the course of evaluation of the EoI and execution of works hence the system should be fully scalable.

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Eligibility criteria for consideration of EoI

Sl.No.	Eligibility Parameter
1	The interested companies/entities should be a registered, legal business entity as a private/public limited company registered under the Companies Act, India or PSU for the last 5 years. Documentary proof in the form of Certificate of Incorporation and Tax (GST/ VAT & Service Tax) Registration certificates for a period prior to 5 years from date of submission of EoI.
2	The interested companies/entities should be in the field of system Integration of IP bases CCTV surveillance system for the last 5 years as on date of submission of EoI. Documentary proof in the form of purchase orders and completion certificate from Government/ Semi-Government/ PSU/ Defense/ Renowned Govt. institutions or Large Private Organization with turnover more than 10 crores should be submitted for a period prior to 5 years from date of submission of EoI.
3	The interested companies with technical expertise and sufficient technical manpower (list to be enclosed with qualification and experience) should have relevant experience of designing and executing large projects of IP CCTV surveillance having minimum 250 IP cameras in a single project in a large area/campus or multiple locations with indoor and outdoor installations in Government/Semi-Government/PSU/Defense/Renowned institutions or Large Private Organization with turnover more than 10 crores. At least 3 such projects must have been executed in the last 5 years.
4	The interested companies should have Quality Certification minimum ISO 9000 and preferably in addition ISO 18001 and SO 27001.
5	The interested companies should not have been black-listed by any Government/Semi-Government/PSU/Defense organization or by any means.

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Deliverables from the interested companies in the EoI

1. Company profile
2. Submit all required credentials and documents as per eligibility criteria
3. Site survey reports
4. Solution document and detailed project report for the project
5. Architectural schematics and layouts for the solution proposed including network, control room, power, recording and monitoring
6. Unpriced Bill of Material
7. Detailed technical specifications of equipment proposed
8. Training related documents and deliverables

General Terms and Conditions

- This EoI is only for the purpose of understanding the solution and projects proposed by interested companies and does not confirm the placement of order or procurement of products and solutions from any of the interested companies submitting the EoI.
- No cost or charges will be paid by CUSB for the scope of work detailed in the EoI and the interested companies must conduct the site survey and prepare EoI documents at their own cost.
- The data collected by the interested companies during site survey shall be kept confidential and shall only be used for the purpose of this EoI.
- The documents submitted by interested companies in the EoI will become property of CUSB and the companies submitting the EoI will have no proprietary control on how the data/documents is used by CUSB.
- CUSB may call the companies proposing their solutions for a Proof of Concept (PoC) or demo of the proposed equipment on short notice in case their documents and solutions are found suitable by CUSB. The demo can be used for further shortlisting the solution/products suggested by various companies.
- The products for the proposed solution should be from the reputed OEMs.
- The proposed product/items should not be End of Life/ End of Support.
- The BoQ/BoM should include all the Components i.e. Active/Passive, IT/Non-IT, civil, electrical, etc. required for the completion for the project.

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Issuance of RFP/Bid Document

The RFP/ Bid document (Technical and Financial Bid) shall be issued only to the Vendors who participate in the EoI and are declared qualified after presentation and verification of eligibility criteria and documents. The work shall be awarded to the L-1 (Lowest) bidder after technical qualification and financial bid evaluation.

----End of the Document----

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