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		Tender Details	
		Date : 21-Mar-2023 11:10 AM	
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Basic Details			
Organisation Chain	Department of Pharmaceuticals National Institute of Pharmaceutical Education and Research (NIPER) Guwahati		
Tender Reference Number	NIPERG/CCC/2023/CCTV/17/519		
Tender ID	2023_MCF_704781_1		
Tender Type	EOI	Form of contract	EOI
Tender Category	Works	No. of Covers	1
Payment Mode	Not Applicable	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No		
Cover Details, No. Of Covers - 1			
Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical/Finance	.xls	SOLUTIONS FOR CCTV SURVEILLANCE SYSTEM IN NIPER GUWAHATI
Tender Fee Details, [Total Fee in ₹ * - 0.00]		EMD Fee Details	
Tender Fee in ₹	0.00	EMD Amount in ₹	0.00
Fee Payable To	NA	EMD Exemption Allowed	NA
Fee Payable At	NA	EMD Fee Type	NA
Tender Fee Exemption Allowed	NA	EMD Payable To	NA
		EMD Percentage	NA
		EMD Payable At	NA
Work / Item(s)			
Title	NIPERG/CCC/2023/CCTV/17/519		
Work Description	SOLUTIONS FOR CCTV SURVEILLANCE SYSTEM IN NIPER GUWAHATI		
Pre Qualification Details	Please refer Tender documents.		
Tender Value in ₹	1	Product Category	Electrical and Maintenance Works
Sub category	CCTV SURVEILLANCE SYSTEM		
Contract Type	Tender	Bid Validity(Days)	120
Period Of Work(Days)	45		
Location	NIPER-Guwahati,SilaKatamur, Halugurisuk, Changsari	Pincode	781101
Pre Bid Meeting Place	NA		
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA
Bid Opening Place	NIPER-Guwahati		
Critical Dates			
Publish Date	21-Mar-2023 09:00 AM	Bid Opening Date	28-Apr-2023 11:00 AM
Document Download / Sale Start Date	21-Mar-2023 09:15 AM	Document Download / Sale End Date	27-Apr-2023 05:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	23-Mar-2023 10:00 AM	Bid Submission End Date	27-Apr-2023 05:00 PM
Tender Documents			
NIT Document	S.No	Document Name	Description
	1	Tendernotice_1.pdf	SOLUTIONS FOR CCTV SURVEILLANCE SYSTEM IN NIPER GUWAHATI
			Document Size (in KB)
			6143.88
Work Item Documents	S.No	Document Type	Document Name
	1	Tender Documents	EOI CCTV 20.03.2023.pdf
			Description
			SOLUTIONS FOR CCTV SURVEILLANCE SYSTEM IN NIPER GUWAHATI
			Document Size (in KB)
			6143.88
Tender Inviting Authority			
Name	Director, NIPER Guwahati		
Address	NIPER-Guwahati,SilaKatamur, Halugurisuk, Changsari		
Tender Creator Details			
Created By	Gitartha Goswami		

Designation	Assistant Registrar
Created Date	20-Mar-2023 10:04 PM



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान गुवाहाटी

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH GUWAHATI

(Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India)

Email: purchase@niperguwahati.ac.in, Ph: 070990-07822

1. Introduction

NIPER Guwahati invites applications for EOI for setting up a PoE-based CCTV surveillance system at NIPER Guwahati. The proposed CCTV network is intended to improve the surveillance of public places, Administrative Buildings, Departments/Centres/Sections with state-of-the-art IP-based CCTV surveillance with a facility for monitoring at the Director's Office, Security Office, Central Library Section, and a Central Command and Control location (NIPERG Data Centre).

The surveillance network will be augmented in phases with the addition of new places of interest during surveillance.

The proposed system/solution shall be based on a non-proprietary open standard-based integrated solution with network-centric functional and management architecture.

The maximum number of cameras required shall be approx—100 nos, considering the present infrastructure.

The proposals received through the EOI will be evaluated and invited for a presentation, and an open tender will be published on the GeM portal for the said work.

The bidder thus selected should assist NIPER-G in setting up an integrated security surveillance system which would involve the design, supply, installation, testing, commissioning, and 24/7 operations/maintenance for at least 5-years of adequate and state-of-art IP-based integrated CCTV security and surveillance system in the campus.

2. Minimum eligibility criteria for participation in EOI

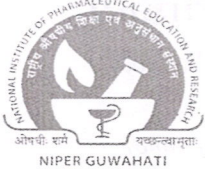
(a) Bidder shall have a minimum of 5 (five) years of experience in supplying, commissioning, and maintenance of IP Based CCTV Surveillance System in a government organization (at the State/National level) as on tender submission deadline. Name, address/contact details of the present and past satisfied clients need to be provided.

(b) Experience of having successfully installed and commissioned of similar works at any IIT/NIT/Universities/IIM/IISER/IISc or any Institute of National Importance or State/Central Police organizations in India during the last 07 (seven) years as of tender submission deadline, as per the following details:

- Three similar completed works costing not less than the amount equal to 20% of the estimated cost, OR
- Two similar completed works costing not less than the amount equal to 30% of the estimated cost, OR
- One similar completed work of aggregated cost not less than the amount equal to 60% of the estimated cost.

*Similar work means supply installing commissioning of IP-based CCTV surveillance system

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(c) It is essential that the bidder is well acquainted with the working condition of Northeastern States of India and should be able to provide after-sales support for 24x7 for next ten years as per the requirement of NIPER, Guwahati.

(d) Bidder should have a good support infrastructure in Assam. The bidder should have its own IT Service Office in the Northeast (preferably in Guwahati). Relevant valid documentary evidence like Trade license, GST Registration, etc., from respective Govt. agency should be submitted. Bidder should provide at least three (3) contact details of local (Guwahati) support manpower available for 24*7*365.

(e) Bidder should be able to replace the cameras which are in warranty but not in working condition due to manufacturing defects or any other issues within 24-48 hours from the day of complaint.

(f) The bidder must have a minimum annual average turnover of Rs. 50 Lakhs during the last three financial years. All bidders should submit copies of audited P&L Statement of Accounts for the last three financial years with the EOI. Bidders should not have made losses in 2 out of last 3 financial yrs.

(g) Solvency certificate minimum of Rs. 120 Lakh(1.2 Cr) in a prescribed format (Annexure -I) is required from any nationalized/scheduled bank not older than 6 months from the last date of submission. Alternatively, CA audited Turnover certificate with a positive net worth in the last three FY may be submitted.

(h) Proof of Registration of the bidder under the relevant law, such as Companies Act, and/or Shops & Establishment Act or Trade License from the appropriate authority, etc.

(i) All bidders should submit along with their EOI, copies of PAN Card, GST registration certificates.

(j) A certificate (Affidavit) to be signed by MD/CEO/Owner of the company that they haven't been debarred or blacklisted for any services, supplies, or products dealing in by any organizations or educational Institute/ University or state/central government.

(k) The bidder must submit copies of acknowledgment of Income Tax return for the last three financial years.

(l) The bidder and manufacturer of proposed products should not have been debarred or blacklisted by any State or Central Govt organization/PSU in India while executing similar nature of work. The bidder has to submit a self-declaration for the same.

(m) Bidder must be a manufacturer/authorized system integrator of the major equipment manufacturer mentioned in the scope of work.

(n) The bidder should have an authorized service agent in North-East (preferably in Guwahati). The OEM should have a registered office/distributor/supplier in the Eastern part of India.

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(o) All products proposed by the bidder must be of high quality and of reputed make and having a certification such as UL, EN, CE, RoHS, FCC, Gartner Quadrant listing, etc. All camera products should be BIS-certified products.

(p) Bidders must submit documentary proof in support of meeting the minimum eligibility criteria. Simply an undertaking by the Bidder for any item of the criteria shall not suffice the purpose. All the documentary proof must be listed on the letterhead to be submitted with the EOI proposal.

(q) NIPERG will also abide by the rules of the amended General Financial Rules 2017:

“The Government of India today amended the General Financial Rules 2017 to enable imposition of restrictions on bidders from countries which share a land border with India on grounds of defense of India or matters directly or indirectly related thereto including national security. The Department of Expenditure has, under the said Rules, issued a detailed Order on public procurement to strengthen the defense of India and national security”.

Link: <https://pib.gov.in/PressReleasePage.aspx?PRID=1640778>

3. Functional Requirements of the project

The suggested solutions should have the following salient features:

- a. Day & night online surveillance of the identified critical locations/public places on a 24*7*365 basis.
- b. The solution proposed should include a combination of full HD fixed, dome, PTZ, bullet, and ANPR camera systems or similar quality with good visibility during low/poor lighting conditions.
- c. The cameras should be capable of withstanding harsh weather conditions such as heat, rain, dust, etc. Cameras should have at least IP66/IP67-rated outdoor installation capability. The cameras should be an IK10-rated vandal-resistant certified.
- d. The surveillance and monitoring of the cameras should be available in real-time. The monitoring should be visible in the central command center, and the possibility of monitoring in the various department/section/center levels.
- e. Option of redundant recording available at the camera level in case of power failure.
- f. The recorded video should be in storage for at least 180 days. The videos should be in high-resolution (720p or more) for the initial 30 days. The recorded videos can then be compressed using a standard compression method to minimize storage usage.
- g. The CCTV should support recording at the camera level in case of any failure at the primary storage. The individual recording from the cameras should then be transferred to the main storage once the issue has been resolved. Archiving is not required.
- h. The video management system should support localized as well as centralized viewing. The maximum number of centralized viewings is currently 3 (three), which may or may not



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increase. The estimated localized view is 10 (ten), subject to requirement (Library, Academics, Administration, S&P, Boys' Hostel, Girls' Hostel, Security Desk, Animal House, Director Bungalow, Reception). The recording should be tamper-proof for analysis. It should be possible to export the video for evidence, playback and search recorded files, multi-level authorization and monitoring controls, and licensed applications for a professional control room setup.

- i. The network infrastructure should be based on the already existing OFC backbone. No extra fiber laying cost is involved. However, only the unused core of the existing OFC backbone is to be considered, and the vendor must provide the edge/access switches. The solution should not exhaust the internet usage bandwidth at any cost.
- j. As of now, a UPS facility is not required. Switches provided by the bidder should support PoE. However, the vendor should share the power requirement for the switches. Also, redundant recording functionality should be supported at the camera level in case of a communication error with the primary storage area.
- k. Redundant recording should be at the camera level. No separate recording backup unit is required for the primary unit.
- l. The system should be scalable, and the possibility to add 3rd party IP cameras, monitoring stations, storage systems, or other devices from standard OEMs at a later stage.
- m. Manpower costs should be quoted separately (Optional). An SLA-based service model will be used by NIPERG.
- n. On-site warranty, Post-Warranty Maintenance, and spare parts support of all hardware, software, and accessories shall be available for the next 5 years. On-site service personnel shall be available during the warranty & post-warranty. The proposed accessories, devices, cameras, hardware, software, etc., should not have end-of-life in the next 3 years.

4. Scope of Work for the EOI

The scope of work includes survey, design, and presentation of the physical and IT Infrastructure involved for CCTV based Surveillance Systems across multiple sites spread across the campus as per the following:

- (1) Detailed Site Survey of the desired areas of surveillance.
- (2) Preparation and submission of Site Survey Reports.
- (3) Preparation and submission of detailed solution document and network Architecture, including but not limited to the following components:

- a. PoE-based IP CCTV Cameras having at least 5 MP or higher resolution and Vandal-resistant IP65/IP66 environmental protection. The cameras can be fixed (bullet/box/dome type), PTZ, or Automatic Number Plate Recording (ANPR) type depending on the site requirement in different locations of the Institute, as listed in the next section. The range of operation and operating conditions will depend on the site conditions to provide a clear image of Full HD quality, even in very low ambient lighting conditions.



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- b. The CCTV network must be facilitated using active unused network cores (other than NIPERG LAN) with necessary L2/L3 switches on the optical fiber backbone. The CCTV network should not exhaust the internet bandwidth.
 - c. Identifying the correct camera location, mounting arrangement, networking, and power supply arrangement from the nearest designated ports at each location, along with appropriate camera types as may be specified in a detailed manner during the presentation.
 - d. Provisioning the centralized monitoring in the NIPERG Data Centre and individual sections/centers/departments levels is mandatory. However, the institute will inform localized monitoring locations based on complexity and requirements.
 - e. Video management system should support a 24*7*365 monitoring facility. The video management system should be able to connect an unlimited number of cameras, including 3rd party cameras and recording/storage servers. It should be able to add a monitoring station if any new requirement arises other than the predefined locations in the near future.
 - f. The video management system shall include a distributed architecture allowing clients on the host system with the user rights to view video sources belonging to specific groups of cameras simultaneously and should support the generation of audit trails.
 - g. For storage of the videos, the solution should include the servers/storage with the help of a Network Video Recorder (NVR) or Network Attached Storage (NAS)/ Encoders/Decoders/ Client workstations, etc., to make a complete functional open IP based CCTV system.
 - h. Storage of video signals with adequate redundancy against the failure of critical components.
 - i. Power Infrastructure with backup for the solution proposed.
 - j. Additional protection of outdoor cameras from harsh environmental conditions like continued heat, dust, and heavy shower.
 - k. Surge Protection and lightning protection devices for the cameras, racks, switches, etc.
- (4) Preparation and submission of bill of materials. 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.
- (5) Submission of Technical specifications of all equipment and proposed solution.

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5. Locations to be considered.

Sl No	Department/Center/Section/Block	Location
1.	H-Block	Ground Floor, 1 st Floor, 2 nd Floor, 3 rd Floor
2.		Central Library, Administrative & Finance Section, Stores & Purchase Section, Academic & Examination
3.		Lecture Hall Complex, Director Office Area
4.		Bio-Nest, CCC Lab, CCC common browsing area, CCC Data Center.
5.		Service Rooms.
6.	B-Block	Entrance, Exit, Corridors
7.		B-CIF, 1 st Floor, 2 nd Floor, 3 rd Floor
8.		Labs, Service Rooms, Faculty Seating Area (Outside Cabins)
9.	C-Block	Entrance, Exit, Corridors
10.		C-CIF, 1 st Floor, 2 nd Floor, 3 rd Floor
11.		Labs, Service Rooms, Faculty Seating Area (Outside Cabins)
12.	Boys' Hostel	Entry, Exit, Surroundings
13.		Parking Area, Washing Area, Dining Hall
14.		Corridors, Stairs
15.	Girls' Hostel	Entry, Exit, Surroundings
16.		Parking Area, Washing Area, Dining Hall
17.		Stairs
18.	Campus	Main Gate, Back Gate
19.		Parking, Approach Roads, Interior Roads, Director Bungalow Roads
20.	Animal House	Labs, Conference Rooms, Procedure Room
21.	TIES Building	Labs, Conference Rooms
22.	Recreation Centre	Classroom, Auditoriums.

* There may be addition/deletion of few locations in/from the above list based on requirement and feasibility.

Pravin Ranj
Stores and Purchase Officer



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Annexure I

SPECIMEN FORM OF SOLVENCY CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information M/s./ Mr./Mrs.
.....having _____ address, a
customer of our bank are/is respectable and can be treated as good for any
engagement up to a limit of Rs.....(Rupees
.....). This certificate is issued without any guarantee or
responsibility on the Bank or any of the officers.

(Signature)

for the Bank

NOTE: - In case of partnership firm, certificate to include names of all
Partners as recorded with the Bank.

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