



पंडित दीनदयाल उपाध्याय शेखावाटी विश्वविद्यालय, सीकर (राज)

वेबसाइट www.shekhauni.ac.in ई-मेल: registrar@shekhauni.ac.in

No.: 31028

Date: 22/01/2026

E-TENDER NO. 11/2025-26

“REQUEST FOR PROPOSAL (RFP) For Appointment of System Integrator for Design, Supply, Installation of CCTV based e-surveillance System for Entire University Campus Activities”

Mode of Bid Submission	On Line (E-Tender)
Procuring Entity	Registrar Pandit Deendayal Upadhyaya Shekhawati University, Sikar 332024
Estimated Cost of Tender	3,00,00,000/-
Tender Uploading Date	22.01.2026
Last date & Time of On-line submission of Technical Bid	10.02.2026 (Till 05.00 PM)
Last date & time of submission of DD of EMD processing fee & Tender fee in office	11.02.2026 (Till 11.00 AM)
Date & time of opening of On-Line Technical Bid	11.02.2026 (At 03.00 PM)

- Cost of E-Tender Document and fee in favour of Registrar, Pandit Deendayal Upadhyaya Shekhawati University, Sikar Rs. 3000/-
- EMD Bid security for the tender cost @ 2% i.e. Rs. 6,00,000/- (Exemptions may be allowed as per RTTP rules)
- E-Tender processing fee in favour of MD, RISL, Jaipur Rs. 2000/-


Registrar
Pandit Deendayal Upadhyaya
Shekhawati University, Sikar

Name & Signature of Bidder with Seal



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E-TENDER NO. 11/2025-26

(TECHNICAL BID)

1. बोलीदाता/संवेदक का नाम, डाक का पता व टेलीफोन/मोबाईल नम्बर

2. किसको सम्बोधित किया—कुलसचिव, पंडित दीनदयाल उपाध्याय शेखावाटी विश्वविद्यालय, सीकर।
3. सन्दर्भ : आपकी ई—निविदा सूचना क्रमांक /2025—26 दिनांक 22.01.2026
4. हम कुलसचिव, पंडित दीनदयाल उपाध्याय शेखावाटी विश्वविद्यालय, सीकर द्वारा जारी की गई निविदा सूचना दिनांक 22.01.2026 में वर्णित सभी शर्तों से तथा संलग्न शीट में दी गई उक्त ई—निविदा सूचना की अतिरिक्त शर्तों से बाध्य होना स्वीकार करते हैं। इनके सभी पृष्ठों पर उनमें उल्लेखित शर्तों को हमारे द्वारा स्वीकार किए जाने के प्रमाण में हम ने हस्ताक्षर कर दिये हैं।
5. ब्लैकलिस्ट नहीं होने का शपथ—पत्र (100 रुपये के नॉनजूडिशियल स्टाम्प पर)
6. बैंकड्राफ्ट/बैंकर्सचैक संख्यादिनांक.....
.....(जारी कर्ता बैंक का नाम) रुपये 6,00,000/- के लिए अमानत राशि के पेटे संलग्न है। जो कुलसचिव, पंडित दीनदयाल उपाध्याय शेखावाटी विश्वविद्यालय, सीकर को देय हो।
7. बैंकड्राफ्ट सं0दिनांकराशि 3000/-
.....(जारीकर्ता बैंक का नाम) जो कुलसचिव, पंडित दीनदयाल उपाध्याय शेखावाटी विश्वविद्यालय, सीकर को देय हो (निविदा शुल्क के पेटे संलग्न)
8. बैंकड्राफ्ट सं0दिनांकराशि 2000/-
.....(जारीकर्ता बैंक का नाम) जो MD RISL, Jaipur को देय हो वास्ते (प्रोसेसिंग फीस के पेटे संलग्न)

निविदादाता के हस्ताक्षर

SECTION I

Definitions, Interpretations and Declaration by the Contractor

1.1 DEFINITIONS:

In the contract (as hereinafter defined) the following words and expression shall have the meaning hereby assigned to them, except where the context otherwise requires.

- 1.1.1 **"Alteration/Variation order"** means, any order given in writing by the Engineer-In-Charge /Officer to the Contractor from time to time to effect Alteration/Variation from given Scope of Work. Such an order will be without any financial implication to the Institution.
- 1.1.2 **"Approved"** shall mean approved in writing by the Institution/Engineer-In-Charge.
- 1.1.3 **"Appointing Authority,"** wherever the expression is used shall mean the Registrar, PDUSU, Sikar.
- 1.1.4 **"PDUSU, SIKAR"** or **"University"** shall mean **"PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY,"** having its registered office at Shekhawati University Nawalgarh Road, Katrathal - Sikar - 332024 including its successors and assignees or its representatives authorized to act on its behalf for the purpose of contract.
- 1.1.5 **"Contract Document"** shall mean collectively designs, drawings, plans, specifications, agreed variations, if any and other documents constituting the tender and acceptance thereof.
- 1.1.6 **"Contractor"** shall mean the Tenderer as an the Limited Company or a Private Limited Company or Partnership firm or Individual whose offer has been accepted by the Institution and who has been awarded the job(s) envisaged under this tender. It shall also include their Legal Representative, successors and Permitted Assigns.
- 1.1.7 **"Contract"** shall mean the agreement between the Institution and the Contractor for execution of the work/s including therein all documents such as invitation to tender, tender document comprising of instructions to Contractor, general conditions of contract, special conditions of contract, job specification, general requirements, time schedule for completion of work, drawings, etc., letter of Acceptance Fax/facsimile awarding the work, alteration/variation order, agreed variations, if any etc. Any subsequent changes made in any of these documents, would be deemed to be a part of the Contract.
- 1.1.8 **"Tendered Rates"** means rate entered in figures and words in schedule/s by the Contractor for execution /performance of all contractual obligations as per terms of the contract.
- 1.1.9 **"Contract Rate"** or **"Schedule Rate"** or **"Rate of remuneration"** means rate entered in figures and words in schedule/s by the Contractor and accepted by the Institution as payable to the Contractor for execution /performance of all contractual obligations as per terms of the contract.
- 1.1.10 **"Contract Period"** shall mean the period agreed & allowed for the execution of the work and settlement thereof. It shall also include the extended period, if any.
- 1.1.11 **"Commencement of work"** shall be reckoned from the date of issue of Detailed Letter of Acceptance (DLOA) including the stipulated mobilization period.
- 1.1.12 **In-Charge"** shall mean the Officer so designated for the overall supervision, coordination, direction and administration of the

contract work from time to time by the Institution.

1.1.13 **"Detailed Letter of acceptance"** shall mean intimation by a letter to Contractor that his/its tender has been accepted, in accordance with the provision contained in the letter/Fax.

1.1.14 **Month** shall mean the period of calendar month.

1.1.15 **Notice or "Notice in writing" or "written notice"** shall mean a notice written, typed or printed sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known business address or registered/Head/local office of the addressee and shall be deemed to have been received in the ordinary course of post.

1.1.16 **Site** shall mean the land or other place on, under, in or through which the work/s are to be carried out and other land or place or area/s provided by the Institution for the execution of the contract.

1.1.17 **Specifications** shall mean directions, various technical specifications, provisions and requirements attached to and referred to in the contract, which pertain to the method and manner of performing the work/s and the materials to be furnished /used required to be used/consumed and/or provided for executing work/s as may be amplified or modified by the Institution or the Engineer-in-Charge/officer from time to time and notified/communicated to the Contractor during the course of performance of this contract and provide for the unforeseen conditions or in the best interest of the work/s. It shall also include the latest addition including all agenda or corrigenda or relevant rules, regulations regulation codes.

1.1.18 **Tender** shall mean the offer submitted by the Contractor against this inquiry for acceptance by the Institution.

1.1.19 **"Tenderer"** shall mean the individual or firm or Company who has submitted the offer against this Notice inviting tender.

1.1.20 **"Work"/"Job"** shall mean the works to be executed in accordance with the contract or part thereof and shall include all extra, additional, altered and/or substituted work as required for the purpose of the contract.

1.1.21 **"OEM"** is the Original Equipment Manufacturer for CCTV & Other all Equipment's items supply with valid authorization certificates from competent government authority.

1.1.22 **"Authorized Dealer of OEM"** means the firm/Company having MAF (Manufacturing Authorization form) issued by OEM.

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SECTION-II INSTRUCTIONS TO THE TENDERER

1.1 Instructions to the Tenderer & General Conditions

- i. Tender is to be submitted online at <https://eproc.rajasthan.gov.in> in electronic form as prescribed in the tender form. Tender fees and processing fees will not be refunded in any case.
- ii. The Bidder should go through the website <https://eproc.rajasthan.gov.in> and the link "help for contractors", " information about DSC', FAQs' and bidders manual kit" to know the process for submitting the electronic bids at website. The complete bid document has been published on the website <https://eproc.rajasthan.gov.in> for the purpose of downloading. The uploaded bid document shall be considered valid for participation in the bid process subject to submission of required cost of bid document and e-Tendering processing fee.
- iii. All communications/ correspondences/documents including the bid document should be physically signed, stamped on each page before uploading and also signed digitally by the designated authorized representative of the bidder.
- iv. A scanned copy of EMD, e-Tendering processing fee and cost of tender document must be uploaded along with the Technical Bid proposal failing which the bid will be summarily rejected.
- v. The Demand Draft (DD) towards the cost of tender document fee, Earnest Money Deposit (EMD) and processing fee, along with original affidavits, duly signed complete tender documents, and all technical documents, including the original campus site survey report as per the format prescribed in the tender document, shall be kept in a sealed envelope addressed to Pandit Deendayal Upadhyaya Shekhawati University (PDUSU), Nawalgarh Road, Katrathal - Sikar - 332024. The envelope shall be clearly superscripted with the NIT number and name of work, along with the name, address and contact details (telephone/mobile number) of the bidder for proper identification. The sealed envelope shall be submitted in the office of the Pandit Deendayal Upadhyaya Shekhawati University (PDUSU), Nawalgarh Road, Katrathal - Sikar - 332024. on or before the date and time of online bid submission as mentioned in the Notice Inviting Tender (NIT).
- vi. The University shall not be responsible for any postal delay. In case the envelope is not received before the scheduled date and time of submission, the bid submitted by the bidder shall be summarily rejected. The tenderer in quoting his rate, shall for all purpose, whatsoever, be deemed to have himself independently obtained all relevant and necessary information for the purpose of preparing his tender. The correctness or completeness of the details, given in the tender documents is not guaranteed. The tenderer is required to satisfy him in all respect, before the submission of offer.
- vii. The tenderer shall be deemed to have examined the tender document, to have obtained his own information in all matters whatsoever that might affect the carrying out of the works at the schedules rates and to have satisfied himself to the

sufficiency of this tender. Any error in description or quantity or omission in the Contract Document shall not vitiate the contract or release the Contractor from executing the work comprised in the contract according to specifications at the scheduled rates.

- viii. The tenderer is deemed to know the scope, nature and magnitude of the works and requirement of materials, equipment, tools and labour involved, wage structures, conditions of service of Company's staff/workmen doing similar and same type of work etc and as to what all works he has to complete in accordance with the contract documents irrespective of any defect, omissions or errors that may be found in the contract documents. The Contractor shall be deemed to have visited site and surroundings, to have satisfied himself to the working conditions at the site, availability of water, electric power, labour etc, transportation facilities, probable sites for labour accommodation and store go-downs etc and all other factors involved in the execution of works.
- ix. All the provisions of Rajasthan Transparency in Public Procurement Act and rules made there under and modification to be issued by the competent authority from time to time will automatically be ipso-facto applicable.

2.2 Tender Procedure

- i. e-Tender portal <https://eproc.rajasthan.gov.in> shall be used for all procedure related to the bidding.
- ii. The prospective Bidders should register themselves in the e-Tender Portal and submit the Bids electronically through the e-Tender portal.
- iii. The Bidders are requested to download the e-Tender help manual and user manuals from the Portal for reference.
- iv. It is mandatory for the Bidders to possess a valid Digital Signature Certificate to complete the e- Tender Bid process as per the provisions of Government of India IT Act.
- v. The Technical Bid form and Price Bid form will be available in prescribed format for downloading. The registered Bidders can log into the e-Tender system and download the Bid Forms.
- vi. The Bid forms should be filled and submitted using the Digital Signature Certificates. The supporting documents as required in support of tender should be scanned and uploaded in the e-Tender system.
- vii. The Bid Form should not be changed or altered or tampered by the bidder. If the Bid form found tampered, the Bids will be summarily rejected.

2.3 Tender Document Fee

The Tender document fee as mentioned in the NIT shall be paid by way of DD in favour of **Registrar, Pandit Deendayal Upadhyaya Shekhawati University, Sikar" payable at Sikar**

2.4 E-tendering processing charges

- a) For each and every Bid submitted, a non-refundable Processing charge Rs. 2000/-should be paid by way of Demand Draft or Banker's Cheque drawn in favour of "MD RISL" payable at JAIPUR. The payment by way of Demand Draft or Banker's Cheque should be deposited physically at office of Pandit Deendayal Upadhyaya Shekhawati University (PDUSU), Nawalgarh Road, Katrathal - Sikar - 332024 on or before the last date and time of submission of the Tender.
- b) The payment particulars should be entered in the e-Tender Portal by the bidder while bidding.
- c) If any of the information committed in the e-Tender Bid does not match with physically submitted payment, PDUSU, SIKAR reserves the right to reject the bid summarily.
- d) Even though the payment particulars are entered in the e-Tender portal, if the Bidder fails to submit the physical instrument prior to the scheduled date of submission of tender, their bid is liable for rejection.

2.5 ONE BID PER TENDERER

Each Tenderer shall submit only one Tender, either individually or as a partnership firm or a Private/Public limited Company or a co-operative society.

2.6 COST OF BIDDING

The Tenderer shall bear all costs associated with the preparation and submission of his offer, and the Institution will in no case be responsible or liable for those costs, under any conditions.

2.7 GENERAL INSTRUCTIONS FOR FILLING THE TENDER

- i. All uploaded document shall be digitally signed by the tenderer or by a person holding power of attorney authorizing him/her to sign on behalf of tenderer before submission of the tender.
- ii. Tender in which any of the particulars and prescribed information is missing or incomplete in any respect and/or prescribed conditions are not fulfilled may be liable for rejection.
- iii. Canvassing in connection with tenders is strictly prohibited for tenderers submitted by the tenderers, who resort to canvassing, will be liable for rejection.
- iv. Tenderers, in their own interest are advised to read the tender document completely and carefully, to avoid submission of incomplete bid. Tender in which any of the particulars and prescribed information is missing or incomplete in any respect and/or prescribed conditions are not fulfilled are liable for rejection, at the sole discretion of the Institution.
- v. The Institution takes no responsibility for delay, loss or non-receipt of required document sent through post/courier service. Offers through any other mode other than prescribed shall not be accepted.

2.8 CLARIFICATIONS OF CONTENTS OF TENDER DOCUMENT

- i. Should an intending tenderer require any clarification in connection with, or any point covered by, the tender documents, or as to any matter or thing to be done or not to be done by him in the event the contract for the work is awarded to him, he must submit a request for such clarification in writing so as to reach the Institution at least seven days in advance of the last date fixed for submission of tender. Copies of any such clarifications furnished by the Institution will be supplied to all

other intending tenderer and such clarifications will constitute addenda/corrigenda to, and be read as part of the tender documents.

- ii. The Institution will not be bound by any oral clarification or interpretation of the tender documents or of any matter or thing connected with works to be executed in accordance with the tender documents, which may be made in by any of its employee, representatives or agent.
- iii. Any neglect or failure on the part of the tenderer in obtaining necessary and reliable information upon the foregoing or any other matters affecting the contract shall not relieve him from any risks or liabilities or the entire responsibility from completion of the works at the scheduled rates and time in strict accordance with the contract documents.

2.9 ADDENDA/CORRIGENDA

- i. Addenda/Corrigenda to Notice Inviting Tender or to this tender document may be issued to clarify documents or to reflect modification in the specifications or terms & conditions or scope of work or for any other reasons.
- ii. Addenda/corrigenda to these tender documents, if issued by the university, shall form an integral part of this tender document.

2.10 CURRENCIES OF THE BID AND PAYMENT

The unit rates and prices shall be quoted by the tenderer entirely in Indian Rupees.

SUBMISSION OF TENDERS

The tenders shall be submitted online as prescribed above in the tender document. The "*Techno – commercial Bid*" should contain the scan copy of following:

- i) Details of Earnest Money Deposit, tender fee, processing charges.
- ii) Power of Attorney in favour of the authorised representative signing the tender, as required.
- iii) Attested Certificate of Incorporation/Memorandum & Article of Association /Partnership deed duly certified by the Company Secretary/gazette officer as the case may be.
- iv) Copy of PAN NO & GSTIN
- v) Attested copy of the CA certified/ Audited Balance Sheet for the Financial Years prescribed in the tender conditions in support of the turnover.
- vi) Provident Fund Account Number of establishment and its effective date/ undertaking as per enclosed format annexure B.
- vii) Duly filled form 1, 3 & 4 of tender document.
- viii) Undertaking as per annexure-I of tender document.
- ix) "Exceptions & Deviations statement" to be submitted by the tenderer as per tender format in Form-2.
- x) Tender document duly seal & sign with all corrigendums etc.
- xi) Integrated Action plan of this project prepared by the bidder.
 - The bidder is required to conduct an extensive survey of the site and integrate an action plan encompassing a preliminary diagram outlining the placement of cameras, network rack locations & All Equipment's. Additionally, a proposed network diagram must be provided to illustrate the system's functionality. It is mandatory to present and explain the solution to the committee during the technical evaluation phase.

Tenderer must upload the documents in support of above required details and any declaration given by the tenderer without requisite supportive documents will not be



considered. It may be noted that the bid shall be examined on the basis of documents uploaded, as per above required details, furnished along with it. A tenderer shall be fully responsible for consequences including rejection of his tender or cancellation of the Contract if the required attested documents/attested copies of documents are not submitted/uploaded along with the techno-commercial bid or any information/document is found to be false/fabricated/misleading. The authorized signatory of the tenderer should put his signature along with its stamp on each page of the Techno-commercial bid and should also record the date.

2.11 PART-II Price Bid' (BOQ)

- (a) The 'Price Bid' shall be submitted online in the prescribed BOQ format only. It is suggested that the tenderer should carefully read the instructions mentioned in the Performa of BOQ. The Price Bid Form will be in spreadsheet format.
- (b) Tenderers are required to quote their final and complete project rates which includes all kind of expenses for execution of job as per Institution's required including installation/freight charges, civil work and IT Equipments required for the installation (if any)
- (c) The rates quoted by the tenderer shall be inclusive of all applicable levies & duties including Goods and service tax.
- (d) The original Price Bid Form should be downloaded, filled and signed using the DSC. The Price Bid Form should not be changed or altered or tampered. If the Bid form is tampered and not submitted online in the prescribed format of BOQ the Bids will be summarily rejected.
- (e) The rates to be quoted shall be only in INDIAN RUPEES (INR) only as per the price format. The rates quoted by the tenderer shall be inclusive of all applicable duties including GST.
- (f) While quoting the price under this part, the tenderer shall specifically confirm that the prices quoted are for the scope of work detailed in technical specification of the tender document.
- (g) The Price Offer/Bid Form should not contain any conditional offers or variation clauses, otherwise the Bids will be summarily rejected.

2.12 DEADLINE FOR SUBMISSION OF BIDS

The Institution may extend the deadline for submission of Bids by issuing an amendment, in which case all rights and obligations of the Institution and of the Tenderers, which were previously subjected to the original deadline, will then be subjected to the new deadline.

2.13 LATE BIDS/Delayed Bid

No bid will be accepted by the Institution after the deadline prescribed in NIT due to any reason whatsoever.

2.14 OPENING OF THE TENDER

- i. The Techno-Commercial Bid of the offer will be opened as per NIT.
- ii. If the date fixed for opening of tenders happens to be a holiday for any reason, the tenders will be opened on the next working day at the same time.

2.15 EXCEPTIONS AND DEVIATION

Tenderers are advised to submit quotations based on the terms and conditions and specifications contained in the tender document and not to stipulate any deviations.

Bids containing stipulations of deviation to the terms and conditions are liable to be ignored. In case it is absolutely unavoidable to deviate from tender conditions then the tenderers should mention the deviations at their risk of rejection only in the **FORM-2**. Deviations mentioned anywhere else in the bid shall be ignored without any consequences.

2.16 VALIDITY

Tender submitted by tenderer shall remain valid for acceptance for a period 120 days, from the date of opening of the tender (Part I of the offer). An offer with a validity period of less than 120 days is liable to be rejected. The tenderer on its own shall not during the said period of 120 days or in extended period cancel and/or withdraw his tender nor shall he make any variation therein. In case of tenderer revoking, cancelling, modifying and/or withdrawing his bid during the validity of bid, the earnest money deposited by him along with tender shall stand forfeited, and tender will not be considered further evaluation.

In exceptional circumstances, prior to expiry of the original time limit, the Institution may request the tenderer to extend period of validity for a specified additional period. The request and the tenderer's responses shall be made in writing. A tenderer if agreeing to the request will not be required or permitted to modify his bid.

2.17 EVALUATION OF BIDS AND DETERMINATION OF RESPONSIVENESS

- A.** Prior to the detailed evaluation of Bids, the Institution will determine whether each Bid:
 - i) Meets the eligibility criteria.
 - ii) Has been properly signed;
 - iii) Is accompanied by the required securities; and
 - iv) Is substantially responsive to the requirements of the Bidding documents.

- B.** A substantially responsive Bid is one, which confirms to all the terms, conditions, and specification of the Bidding documents without material deviation or reservations. A material deviation or reservation is one:
 - i) Which affects in any substantial way the scope, quality, or performance of the work; and/or
 - ii) Which limits in any substantial way, inconsistent with the Bidding documents, the Company's right or the Bidder's obligation under the contract; and/or
 - iii) Whose rectification/acceptance would affect unfairly the competitive position of the other Bidders presenting substantially responsive Bids.

2.18 EVALUATION OF TECHNO-COMMERCIAL BID

- i. The techno-commercial bids of substantially responsive tenderer's will be evaluated from all aspects. The PDUSU, SIKAR reserves the right to assess the capability and competency of the tenderer based upon the information provided by the tenderer in the techno-commercial bid and the information that may otherwise be available to and/or gathered by the PDUSU, SIKAR. The decision of the PDUSU, SIKAR as to which tenderer is capable & competent to carry out the work shall be final. The tenderer should, therefore, see that he has required a level of technical, financial & managerial competence & experience before submitting

- the tender.
- ii. If a Bid is not substantially responsive, the Institution at its sole discretion may reject it.
- iii. The tenderer shall be prepared to furnish clarification/information and attend meetings/discussion/ as required by the Institution from time to time.
- iv. Price Bid (part II) only of technically acceptable tenders shall be opened.

2.19 NEGOTIATIONS

- i. Negotiations will be conducted with the lowest tenderer only. In case of non-satisfactory achievement of rates from lowest tenderer, PDUSU, SIKAR may choose to make a written counter offer to the lowest tenderer and if this is not accepted, PDUSU, SIKAR may decide to reject and re-invite fresh tenders or to make the same counter-offer first to the second lowest tenderer, then to the third lowest tenderer and so on in the order of initial bidding, and work order be awarded to the tenderer who accepts the counter offer.
- ii. In the case, when the quotation given by the tenderer during negotiations is higher than the original quotation of the tenderer then the tenderer will be bound by the lower rate originally quoted by the tenderer.
- iii. In case of negotiations, representative of the tenderer attending negotiations must possess written authority from the tenderer to the effect that he is competent to modify/amend the submitted tender deviations and rates offered by them.

2.20 CORRECTION OF ERRORS

- i. Price Bid (Part – II) of substantially responsive will be checked by the Institution for any arithmetical errors. Errors will be corrected by the Institution as follows:
 - a) Where there is discrepancy between the amounts in figures and in words, the lower of the two would be taken ; and
 - b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern; and
 - c) Discrepancy in totaling or carry forward in the amount quoted by the contractor shall be corrected. The tendered sum so corrected and altered shall be substituted for the sum originally tendered and considered for acceptance instead of original sum quoted by the tenderer.
- ii. The amount stated in the Bid will be adjusted by the Institution in accordance with the above procedure for the correction of errors and, shall be considered as binding upon the Bidder.

2.21 PROCESS TO BE CONFIDENTIAL

- i. Information, relating to the examination, clarification, evaluation and comparison of Bids and recommendations for the award of a contract shall not be disclosed to the Bidders or any other person not officially concerned with such process. Any effort by a Bidder to influence the Institution's processing of Bids or award decision may result in rejection of his bid.
- ii. The tenderer may note that indulgence in submitting unsolicited offers or submitting unsolicited correspondence after submission of bid is liable to reject his offer and also to debar him from participating in PDUSU, SIKAR tenders.

2.22 NOTIFICATION OF AWARD AND SIGNING OF AGREEMENT

- i. The tenderer, whose Bid has been accepted, will be notified of the award by the Institution, through postal communication or through email. This letter (hereinafter and in Conditions of Contract called the "Letter of Acceptance/ Detailed letter of Acceptance") will state the sum unit that the Institution will pay to the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed in the Contract (hereinafter and in the Contract called "the Contract Price").
- ii. The notification of award will constitute the formation of the Contract. The execution of agreement as per clauses below would be the formalization of agreement that was commenced with the issuance of LOA.

2.23 SIGNING OF THE CONTRACT AGREEMENT

- i. The successful tenderer shall be required to execute an agreement on non-judicial stamp paper of appropriate value under Indian Stamp Act with the Institution preferably but not later than first bill within 30 days from the date of intimation regarding acceptance of tender, LOA etc. The cost of execution of agreement including non-judicial stamp paper shall be borne by the contractor.
- ii. The contract agreement shall consist of –
 - a) An agreement on non-judicial stamp paper of appropriate value,
 - b) Tender document, along with the addenda/corrigendum, if any.
 - c) Telex/Letter of Acceptance &/or Detailed Letter of Acceptance.
 - d) Agreed Variation, if any,
 - e) Any other document as mutually agreed.

2.24 INTERFERENCE WITH PROCUREMENT PROCESS

In case the bidder

- i) Withdraws from the procurement process after opening of financial bids;
- ii) Withdraws from the procurement process after being declared the successful bidder
- iii) Fails to enter procurement contract after being declared the successful bidder;
- iv) Fails to provide performance security or any other document or security required in terms of the bidder documents after being declared the successful bidder, without valid ground,

Shall, in addition to the recourse available in the bidding documents or the contract, be punishable under the RTPP Act with fine which may extend to fifty lakh rupees or ten percent of the assessed value of procurement, whichever is less.

2.25 REFUSAL / FAILURE

In the event the Tenderer, after the issue of communication of Acceptance of Tender by the Institution (LOA), fails/refuses to accept the award and/or commence execution of the work as herein before, the Tenderer shall be deemed to have abandoned the contract and such an act shall amount to and be construed as the Contractor's calculated and willful breach of contract, and in such an event the Institution shall have full right to claim damages/compensation thereof in addition to the forfeiture of Earnest Money/Security Deposit.

Section- III

GENERAL CONDITIONS OF CONTRACT (GCC)

3.1 INTERPRETATION OF CONTRACT DOCUMENT

- i. Except if and to the extent otherwise provided by the contract, the provisions of the general conditions of the contract and special conditions of the contract shall prevail over those of any other documents forming part of the contract.
- ii. Several documents forming the contract are to be taken as mutually explanatory. Should there be any discrepancy, inconsistency, error or omission in the contracts or any of the matter may be referred to the Officer-incharge whose decision shall be final and binding.
- iii. In case of any inconsistency or contradiction between the provisions of General Conditions of Contract and Special Conditions of Contract, the Special Conditions of Contract shall prevail unless and until provided otherwise.

3.2 SECURITY DEPOSIT

- (i) The successful bidder shall furnish a Performance Security equivalent to 5% of the total contract value. The performance security shall be in the form of a Bank Guarantee from a nationalized/scheduled bank or a Fixed Deposit Receipt (FDR) pledged in favor of Registrar. The EMD of the successful bidder can be adjusted against the performance security if the successful bidder wants. The Performance Security will be released after 30 days of successful completion of the contract period. No interest is payable on the Security deposit amount.
- (ii) In case of enhancement of quantum/ value of work, due to any reason, the contractor shall furnish additional security amount. This security may be progressively recovered from the payment due to the contractor. For avoidance of doubt, it is clarified that at any point of time during the currency of the contract, the security deposit (including the Bank Guarantee, if any) shall not be less than 10% of the gross value of work executed by the contractor.
- (iii) In case, the contractor fails to mobilize sufficient manpower and equipment within prescribed period the amount of security deposit/EMD may be forfeited at the sole discretion of the Institution.

3.3 SUBLetting OF WORK:

The whole of the work included in the contract shall be executed by the contractor alone and the contractor shall not directly or indirectly transfer, assign, under-let or sublet the contract or any part thereof or interest therein without prior written permission and doing so shall render the contract to be terminated on risk and cost of the contractor.

To grant assignment or subletting of work, shall not be a matter of right of the contractor. The authorised representative appointed by the contractor should be under exclusive employment of the contractor and who should not carry on any other business or any gainful employment and should not be associated with Institution's customers or their handling agents /representatives/transportation agents.

3.8 RATES & TAXES

- i. The rate quoted by the bidder will be inclusive of Goods & Service Tax (GST, any other levies and duties, as applicable on this contract (up to the last date of submission of bid).
- ii. The rates quoted shall be on firm price basis during the pendency of the contract

period and the contractor shall not be eligible for any escalation (except as mentioned in the tender document) in rates on whatsoever ground.

- iii. Timely deposition of GST and filing of requisite tax returns of relevant tax period would be the sole responsibility of the contractor. The contractor will also ensure that necessary credit on this account is available to PDUSU, SIKAR in the next month. In case of any discrepancy where credit is not available to PDUSU, SIKAR then Institution is free to deduct/recover/retain such amount from the bills of contractor or any other amount due to him/ or from Security deposit, as the case may be.
- iv. In case of reversal of Input Tax Credit (ITC) and imposition of penalty on account of payment of GST and default in filing of returns towards the payment for the work, contractor is liable to pay all such dues to the Institution, failing which PDUSU, SIKAR is free to deduct/recover/ retain such amount from the bills of contractor or any other amount due to him/ or from Security deposit, as the case may be.

3.9 VARIATION IN STATUTORY TAXES, DUTIES & LEVIES:

Any fresh imposition /withdrawal or variation in statutory duties, taxes or levies made by statutory authorities after the last date of submission of bids, will be reimbursed to the contractor or recovered by the Institution, as the case may be. The reimbursement to/recovery from the contractor will be made against submission of supporting documents and for only such taxes/duties/levies that are directly applicable to the contract and reflected in his running bills.

The Institution shall be fully entitled to deduct income tax and/or any other levies at sources as per the rules and instructions as may be applicable for this purpose from time to time.

3.10 DRAWINGS AND SPECIFICATIONS:

Wherever it is mentioned in specifications/ drawing/ other documents or instructions that the contractor shall perform certain work and/ or provide certain facilities, it is understood that the contractor shall do so at his own cost.

3.11 PATENTS/ COPY RIGHT /TRADE MARK:

Contractor shall indemnify and keep indemnified the Institution including its employees and authorized agents/ representatives and its successors shall hold them harmless from any and all loss, damage, liability costs of litigation counsel fees and other expenses arising out of any claim or suit for alleged infringement of patents, copyright trademarks or trade names or brand relating to any of the stores, material or equipment described in the contract or for the use or resale thereof, and contractor agrees to assume the defense of any and all such suits and to pay any and all costs and expenses incidental thereto and any judgment awarded thereon.

3.12 INDEMNITY:

The Contractor shall at all times, indemnify and keep indemnified the Institution, including its employees, authorized agents and the Engineer-in-Charge/officer its successors from any and all liability for damages resulting from or arising out of or in any way connected with the operation covered by the contract and he shall make good all losses and damages arising there from. In case the Institution shall incur any cost or expenses or suffer any loss on account of any claim demand or course of action brought against them and arising out of the operations covered by the contract, the Institution shall have the power (without being bound to do so) to defend, contest or compromise any such claim, demand or cause of action. Any amount that may become payable by the

Institution and any cost, expense etc that may be incurred by the Institution in this behalf, shall also be recoverable from the Contractor.

All sums payable by way of compensation/s under any of these conditions shall be considered as reasonable compensation to be applied to the use of the Institution without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

Contractor shall also keep indemnified the Institution against all claims of its staff under Industrial Disputes Act, Payment of Wages Act and other Acts/ Rules applicable on the awarded work to the contractor.

3.13 WAIVER AND LIABILITY TO PAY COMPENSATION:

- i. In any case in which any of the powers conferred upon the Company shall have become exercisable and the same have not been exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall be exercisable in the event of any further case of default by the Contractor, the contractor shall be liable to pay compensation amount to the extent of the whole of his Security Deposit and the liability of the Contractor for past and future compensation shall remain unaffected.
- ii. In the event the Institution exercising the powers vested in it under the aforesaid clause, it may, take possession of all of any tools and equipment, materials and stores lying in or upon the works or the site thereof belonging to the Contractor or procured by him and intended to be used for the execution of the work or any part thereof the same be taken by paying reasonable compensation as decided by Engineer-In-Charge/Officer, otherwise the Engineer-in-Charge/officer may give notice to the Contractor, requiring him/ it to remove such tools, equipment, materials or stores from the premises (within a time to be specified in such notice), and in the event of the contractor failing to comply with such requisition the Engineer-in-Charge/officer may remove them at the contractor's expenses or sell them by auction and/or private sale on account of the contractor and at his / its risk in all respects without any future notice as to the date, time or place of sale and the certificate of the Engineer-in-Charge/officer as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final, conclusive and binding on the Contractor.

3.14 INSTITUTION NOT LIABLE TO PAY COMPENSATION:

The Contractor shall have no claim against the Institution for any business loss, idle charges, compensation upon failure, delay, omission etc. on the part of the Institution to carry out any or all the provisions of the contract for any reason whatsoever. The Institution's decision in the matter shall be final and binding on the Contractor.

3.15 NO CLAIM IF WORK IS ABANDONED OR POSTPONED:

The Contractor have no claim, whatsoever against the Institution if the work or any part thereof covered by the contract is postponed to any later date and/ or withdrawn in part in the overall interest of the Institution or for security or for any other reason/s. The Institution's decision in this regard shall be final and binding on the Contractor.

3.16 COORDINATION AND INSPECTION OF WORK:

- i. The co-ordination and inspection of the day-to-day work under the contract shall be the responsibility of the Engineer-In-Charge. The written instructions regarding any particular job will normally be issued by the Engineer-in-Charge/officer or his authorized representative. A register shall be maintained by

the Contractor in which the Engineer-in-Charge/officer after inspection shall write the instructions to be issued by the Engineer-in-Charge/officer and these will be signed immediately by the Contractor or his authorized representative by way of acknowledgement.

ii. In order to provide for the complete and proper co-ordination of all phases of work the Contractor shall co-operate to the full extent with the other contractors, working in the area and the departmental work of the Institution being executed in other areas of the mine. The Contractor shall confer with Engineer-in-Charge/officer regarding details, pertinent to phases of work, which may affect the work to be performed under the contract and shall be schedule and carry out his work in such a manner as to avoid interference with the facilities and the work of other contractor/s and departmental work of the Institution. The Contractor at his cost, as required under the rules, shall undertake medical check-ups of employees/ persons working with the contractor.

3.17 POWER OF ENTRY:

During execution of Contract, if in the opinion of Engineer-In charge, it is found that:

- i. Contractor has failed to execute the Contract in conformity with contract document, or
- ii. Contractor has failed to carry on and execute the works to the satisfaction of the engineer In charge, or
- iii. Contractor has committed or suffered or permitted any other breach of any of the provisions of the contract on his part to be performed or
- iv. Contractor has abandoned the work; or
- v. Contractor during the continuance of the contract has becomes bankrupt,

Then in any of such events, the Institution shall have the power to enter upon the works and take possession of the materials, spares, equipment, tools and stocks thereon, and to revoke the Contractor's permission to continue to execute the work by his personnel. The Institution shall then be free to take appropriate action against the contractor as per provisions of contract.

3.18 FORCE MAJEURE:

Neither the Contractor nor the Institution shall be considered to be in default in the performance of their respective obligations under this contract or if such performance is prevented or delayed because of the conditions constituting force Majeure which shall include but not limited to notice/s from the Statutory Authority, Civil Commotion, Fire accidents, epidemics, War, acts of God or because of any law, order, proclamation or ordinance of any Government or other causes and for failure of transportation or for any other cause beyond reasonable control of the party affected, provided notice of such cause is given in writing by the party affected within 14 days of the happening of the event. In case it is not possible to serve the said notice within the said period of 14 days then within the shortest possible period. Power cuts/ partial power failure/interruption shall not be construed as force Majeure for this purpose and the same shall not affect in any way the performance of the Contract. As soon as the cause of force Majeure has been removed, the party whose ability to perform its obligation has been affected shall notify the other of such cessation. Should one or both the parties be prevented from fulfilling their contractual obligations by state of force Majeure lasting for a continuous period of three months both the parties shall consult each other and decide about the future course of action regarding the contract.

3.19 SERVICE OF NOTICE ON CONTRACTOR:

Any notice hereunder may be served on the Contractor or his/its duly authorized representative at the work site or may be served by registered mail directly to the address furnished by the Contractor.

Proof of issue of any such notices shall be conclusive of the fact that the Contractor having been duly informed of all contents therein. The contractor shall furnish to the Institution, the name, designation and addresses of his/its authorized agent at the work site.

3.20 TERMINATION:

- i. If the Contractor fails to execute the work or any part thereof with such diligence as will ensure its completion within the time specified in the contract, or extension thereof, or fails to complete the said work within such time or fails to perform any of his obligations under the contract or in any manner commits a breach of any of the provisions of the contract, it shall be open to the Institution in its option, by written notice to the contractor: -
 - (a) To determine the contract; in which event the contract shall stand terminated and shall cease to be in force and effect on and from the date notified by the Institution in this behalf, whereupon the contractor shall stop forthwith all or any of the contract work, then in progress and the Institution may on its part, may take over the work remaining incomplete by the Contractor and the contractor and his sureties if any, shall be liable to the Institution for any excess cost occasioned by such take over and completion by the Institution or by appointing any other agency over and above the rates of remuneration payable under the contract.
- ii. Before determining the contract, as aforesaid, and provided that, in the judgment of the Institution the default or defaults committed by the contractor is or are curable or may be cured by the Contractor if any opportunity is given to him to do so, the Institution may, by notice, in writing, call upon the Contractor to cure the default within such time as may be specified in the notice.
- iii. In the event of the Institution proceeding in the manner herein above prescribed-
 - (a) The whole of the Security Deposit furnished by the Contractor or retained by the Institution shall be liable to be forfeited, without prejudice to the right of the Institution to recover from the Contractor, the excess cost referred to aforesaid. The Institution shall also have the right to take possession of the sites for completing the work or any part thereof. With any or all such materials, equipment's, machinery tools and tackles belonging to the contractor, as may be deployed/used for the work.
- iv. The Institution shall also have the right to proceed in the manner prescribed in sub-clauses above, in the event of the contractor abandoning the execution of the contract work for a continuous period of one month, or becoming bankrupt or insolvent, or compounding with his creditors or assignees the contract in favour of his creditors or any other person or persons, or being a firm or a corporation goes into voluntary liquidation, provided that in the said event, it shall not be necessary for the Institution to give any prior notice to the Contractor.
- v. Termination of the contract as aforesaid shall not prejudice or affect the rights of the Institution which may have accrued up to the date of such termination.

3.21 DISPUTE, JURISDICTION

- The place of the contract shall be Sikar, Rajasthan. In cases of any differences, the same shall be resolved by mutual discussions and agreement. However the

- decision of the Institution shall be final and binding.
- No courts other than the courts located at Sikar, Rajasthan shall have jurisdiction over any matter concerning any aspect of the work under this tender.
- The contractor shall not stop or abandon the work due to and during the pendency of such disputes or differences.

4.1 SCOPE OF WORK:

- Enhance campus security with a modern IP-based CCTV surveillance system.
- Provide 24x7 real-time monitoring from a centralized Command Control Room.
- Ensure coverage of all academic blocks, entrance/exit points, parking areas, and open grounds.
- Deploy STQC-certified cameras to meet government compliance standards.
- Enable long-term storage of footage using NVRs with 8 SATA HDD support.
- Create a scalable and fault-tolerant network infrastructure using fiber backbone and Gigabit switches.
- Provide 24/7 power backup using UPS and battery solutions.

1. Survey, Design & Planning

The selected System Integrator (SI) shall undertake a comprehensive and detailed site survey of the entire University Campus prior to commencement of implementation activities. The survey shall form the basis for final system design, equipment placement, network planning, and overall project execution.

1.1 Detailed Site Survey

The SI shall conduct a physical and technical survey covering, but not limited to, the following areas:

- Academic blocks, lecture halls, laboratories, seminar rooms, and corridors
- Administrative offices and sensitive areas
- Library buildings, reading halls, and record sections
- Examination rooms, strong rooms, and evaluation areas
- Main gates, secondary entry/exit points, security cabins
- Parking areas, internal roads, pathways, and boundary perimeters
- Open grounds, lawns, and other high-footfall or vulnerable locations

The survey shall assess:

- Security risks and vulnerable points
- Lighting conditions (day/night)
- Environmental factors (dust, rain, heat, glare)
- Power availability and backup requirements
- Existing network, electrical, and civil infrastructure

1.2 Camera Planning & Coverage Design

Based on the site survey, the SI shall:

- Identify and finalize exact camera locations to ensure complete coverage with no blind spots
- Determine camera type selection (Dome, Bullet, PTZ) suitable for each location
- Define mounting height, angle of view, lens selection, and field of view (FoV) for optimal image clarity
- Ensure proper coverage of critical zones such as entrances, corridors, perimeters, and high-security areas
- Plan overlapping coverage where required for redundancy and incident verification
- Ensure compliance with STQC and Government of India surveillance guidelines

1.3 Network & Fiber Infrastructure Planning

The SI shall design a **robust, scalable, and fault-tolerant IP network architecture**, including:

- Fiber optic backbone layout across the campus using armoured OFC
- Identification of fiber routes, joint locations, and termination points
- Network topology indicating core, distribution, and access layers
- Placement of PoE switches, SFP modules, media converters, and racks
- Bandwidth planning to support high-resolution 8MP cameras without latency
- Provision for future scalability and expansion

1.4 Control Room Design

The SI shall prepare a detailed design for the Centralized Command & Control Room, including:

- Layout of server racks, NVRs, UPS, battery banks, and networking equipment
- Video wall / monitoring display placement and viewing angles
- Operator console design for 24x7 monitoring
- Power, cooling, earthing, and cable management plan
- Access control and security of the control room

1.5 Design Documentation & Submission

The SI shall prepare and submit the following documents to the University for review and approval:

- Detailed CCTV camera layout drawings (building-wise and campus-wise)
- Network topology diagrams showing complete connectivity
- Fiber backbone design drawings including splicing and termination details
- Control Room layout and architecture diagrams
- Bill of quantities (location-wise) aligned with the approved design

All documents & survey reports must be submitted in **hard copy on or before bid submission date and soft copy formats**.

1.6 Approval & Design Freeze

- The SI shall obtain formal written approval of all designs and layouts from the University before commencing installation work.
- Any changes suggested by the University shall be incorporated without additional cost.
- Post approval, the design shall be considered final (Design Freeze) and shall form the basis for execution, billing, and acceptance.

2. Supply of CCTV & Surveillance Equipment

The selected System Integrator (SI) shall be responsible for the **supply, installation, integration, testing, and commissioning** of a complete CCTV Surveillance System. All equipment supplied under this project shall be **brand new, unused, genuine, latest model**, and sourced directly from the OEM or OEM-authorized channels.

All equipment shall comply with **STQC, Government of India guidelines**, and relevant national/international standards.

2.1 IP Camera Systems

The SI shall supply, install, configure, and commission the following IP-based cameras as per the approved design and site survey:

a) 8MP STQC-Certified Dome Cameras (Indoor)

- Minimum resolution of 8 Megapixel
- STQC-certified and compliant with Government surveillance norms
- Suitable for indoor areas such as academic blocks, corridors, offices, laboratories, libraries, and hostels
- Wide Dynamic Range (WDR) for varied lighting conditions

- IR illumination for low-light and night monitoring
- vandal-resistant housing (minimum IK10 or equivalent)
- Support for H.265/H.265+ video compression
- Power over Ethernet (PoE) support

b) 8MP STQC-Certified Bullet Cameras (Outdoor & Perimeter)

- Minimum resolution of 8 Megapixel
- STQC-certified for government use
- Suitable for outdoor locations including building perimeters, roads, parking areas, gates, and boundary walls
- Weatherproof housing (minimum IP66/IP67 rating)
- Long-range IR illumination for night surveillance
- Sunshade and surge protection
- PoE support with network-grade connectors

c) PTZ Cameras (Long-Range Surveillance)

- High-resolution PTZ cameras with minimum 300 meters IR range
- 360° continuous pan and tilt functionality
- High optical zoom for long-distance monitoring
- Preset tours, auto-tracking, and intelligent motion detection
- Suitable for open grounds, large parking areas, and high-security zones
- Outdoor-rated, weatherproof, and vandal-resistant housing

2.2 Recording & Storage Infrastructure

The SI shall supply and commission a **centralized and distributed recording architecture** to ensure secure and reliable storage of surveillance footage:

a) Network Video Recorders (NVRs)

- Centralized and block-level NVRs of 32 Channel and/or 64 Channel capacity
- Minimum 8 SATA HDD slots per NVR for scalable storage
- Support for RAID or redundant storage (where applicable)
- Compatibility with supplied cameras and ONVIF standards
- Support for remote viewing, playback, and evidence export
- User access control with audit logs

b) Storage Hard Disk Drives (HDDs)

- Enterprise-grade surveillance HDDs of minimum 8TB capacity per drive
- Designed for 24x7 continuous recording
- Adequate storage provisioning to ensure long-duration video retention as per University requirements
- Hot-swappable where supported

2.3 Command & Control Room Infrastructure

The SI shall design, supply, install, and commission a Centralized Command & Control Room (CCC Room) for real-time monitoring and management of the entire CCTV network.

a) Display & Video Wall System

- LED Video Wall or Large Format Professional Displays
- High brightness and wide viewing angles
- Capability to display live feeds, multi-camera views, and playback
- Seamless integration with NVRs and VMS software

b) Operator Workstations

- Dedicated operator consoles with monitors, keyboards, mouse, and ergonomic furniture (if required)
- Systems capable of handling multi-camera live view and playback
- Secure login and role-based access

c) Racks & Accessories

- Indoor and outdoor server/network racks (6U / 22U or as required)
- Power Distribution Units (PDU) with MCB
- Cooling fans, cable organizers, patch panels, and labeling
- Proper earthing and cable management

2.4 General Supply Conditions

- All equipment shall be supplied with manufacturer warranty and serial numbers.
- The SI shall provide OEM authorization / MAF for all major components.
- Any equipment found damaged, sub-standard, or non-compliant shall be replaced at no additional cost.
- The SI shall ensure interoperability and seamless integration of all supplied components.

3. Network & Cabling Infrastructure

The selected System Integrator (SI) shall be responsible for design, supply, installation, testing, commissioning, and documentation of a robust, secure, scalable, and high-availability network and cabling infrastructure for the CCTV Surveillance System across the entire University campus.

3.1 Structured Cabling System

The SI shall design and deploy a structured Cat-6 cabling system for connecting IP cameras and local network devices:

- Supply and installation of Cat-6 UTP / STP cables (23 AWG or better) suitable for indoor and outdoor use
- Use of STP cabling in electrically noisy or safety-critical areas
- Outdoor cabling shall be routed through PVC/GI conduit pipes for protection against weather and physical damage
- All cables shall be laid neatly with proper saddling, clamping, labeling, and color coding
- Use of standard RJ-45 connectors and proper termination practices
- Each camera shall be connected through a dedicated network point to the nearest PoE switch

All cabling work shall comply with TIA/EIA structured cabling standards.

3.2 Fiber Optic Backbone Infrastructure

The SI shall design and implement a campus-wide fiber optic backbone network to ensure high-speed, long-distance connectivity between buildings and the central control room:

- Supply and laying of Single Mode Armoured Optical Fiber Cable (SM G652)
- OFC to be laid through underground ducting / trenching / existing pathways as per site conditions
- Use of fiber ring or star topology to ensure redundancy and fault tolerance
- Installation of fiber joint enclosures (lock type) at all splicing points
- Fiber termination using FTTH boxes / LIUs at all distribution locations
- Provision of LC-LC duplex patch cords for rack-to-equipment connectivity

3.3 Active Network Components

The SI shall supply, install, and configure all required active networking equipment, including:

- Gigabit PoE Switches (8/16/24 Port) for camera connectivity
- Switches with SFP uplink ports for fiber connectivity
- SFP 1G modules compatible with the supplied switches
- Media converters wherever fiber-to-LAN conversion is required

- All switches shall support:
 - VLAN configuration
 - QoS
 - SNMP monitoring
 - PoE power management

3.4 Racks, Enclosures & Cable Management

The SI shall provide proper housing and organization for network equipment:

- Indoor and outdoor network racks (6U / 22U or as required)
- Weather-proof outdoor racks with proper ventilation
- Power Distribution Units (PDU) with MCB protection
- Cooling fans, cable managers, patch panels, and labeling
- Proper earthing of all racks and enclosures

3.5 Network Design, Security & Scalability

The SI shall ensure that the network design:

- Supports **high-resolution 8MP video streaming without latency**
- Provides **segmentation of CCTV traffic** from other university networks
- Includes bandwidth planning for peak load scenarios
- Ensures secure communication using best industry practices
- Allows **future scalability** for additional cameras and systems

3.6 Testing, Certification & Documentation

The SI shall perform and submit:

- Cable continuity and performance testing
- Fiber link testing using OTDR / power meter
- Network performance and bandwidth testing
- Labeling and tagging of all cables, ports, and fiber cores
- Submission of:
 - As-built network diagrams
 - Fiber route maps
 - Port-wise connectivity details

3.7 Compliance & Quality Assurance

- All materials shall be new, branded, and OEM-approved
- Workmanship shall comply with national and international standards
- Any defective or sub-standard cabling or equipment shall be replaced at no extra cost
- The SI shall be fully responsible for the reliability and uptime of the network

4. Installation, Testing & Commissioning

The SI shall undertake complete SITC activities for the CCTV Surveillance System in a professional and time-bound manner.

4.1 Installation

- Installation of cameras, poles, mounts, racks, switches, NVRs, UPS, and displays as per approved designs.
- Proper alignment, focusing, and weatherproofing of cameras.
- Secure mounting with tamper-proof fixtures.
- Neat routing and dressing of cables with proper labeling.

4.2 System Integration & Configuration

- Integration of cameras, network devices, NVRs, storage, and control room displays.
- Configuration of:
 - Camera resolution, frame rate, IR settings

- Motion detection and alerts
- User roles and access permissions
- Time synchronization and recording schedules

4.3 Testing

- Individual and end-to-end testing of:
 - Camera clarity and night vision
 - PTZ movement and presets
 - Network connectivity and bandwidth
 - Recording, playback, and backup
- Fiber testing and network validation.

4.4 Commissioning & Acceptance

- Conduct User Acceptance Testing (UAT) in presence of University representatives.
- Rectification of defects, if any.
- Final commissioning and system go-live after written acceptance.
- Submission of completion certificate.

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4.2 SPECIFICATIONS

The work shall be executed on Service contract basis, however during installation and commissioning of the project following specifications under respective product name & Make shall be used under the work-

8MP Network IR Bullet Camera – Technical Specifications

Feature	Specification
Image Sensor	8MP PS CMOS Image Sensor
Minimum Illumination	0.001 lux@F1.4 (Color, 30 IRE), 0.0001 lux@F1.4 (B/W, 30 IRE), 0 lux (IR on)
Effective Pixels	3840 (H) × 2160 (V)
Shutter Speed	Auto / Manual 1/3 s – 1/100000 s
Angle Adjustment	Pan: 0°–360°, Tilt: 0°–90°, Rotation: 0°–360°
RAM	512 MB
ROM	128 MB
White Balance	Auto, Natural, Street Lamp, Outdoor, Manual, Regional Custom
Lens	2.7 mm – 13.5 mm
Lens Type	Motorized Lens
Gain Control (AGC)	Auto
Max. Aperture	F1.4
Lens Mount	M14
Close Focus Distance	0.8 m
DORI Distance	Lens W: 44.1 m (Detect), 17.7 m (Observe), 8.8 m (Recognize), 4.4 m (Identify); Lens T: 144.8 m (Detect), 57.9 m (Observe), 29.0 m (Recognize), 14.5 m (Identify)
Back Light Compensation	BLC / HLC / WDR (120 dB)
Angle of View	Horizontal: 109°–30°, Vertical: 56°–17°, Diagonal: 131°–35°
Day/Night	Auto (ICR) / Color / B/W
S/N Ratio	> 60 dB
Video Format	PAL / NTSC
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Sub-stream only)
Smart Compression	AI H.265, AI H.264
IR	IR Range of 60 m
IR Control	Auto / Face Priority / Number Plate Priority / Manual
Alarm Event	No SD card, SD card full, SD card error, Network disconnection, IP conflict, Motion detection, Video tampering, Defocus detection
Intelligent Scene Adaption (ISA)	Supported
Cyber Security	AES 256-bit encryption, configuration encryption, trusted execution, digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot
Defog	Supported
User / Host	20 (Total Bandwidth: 80 Mbps)
Browser	Microsoft Edge, Chrome
Hardware Reset Point	Supported
Certificates	ISO 9001:2015, ISO 20000-1:2018, CE, FCC, RoHS, BIS, STQC Approved Compliance Report

Power Source	12 VDC / PoE (802.3af)
Power Consumption	Basic: 1.6 W (12 VDC), 3.2 W (PoE); Max (H.265+ WDR + IR On): 9.6 W (12 VDC), 10.8 W (PoE)
Weatherproof Standard	IP67, IK10
Operating Temperature	-30 °C to +60 °C
Operating Humidity	≤95% RH, non-condensing
Storage Temperature	-40 °C to +60 °C
Storage Humidity	10% – 95% RH, non-condensing
Casing	Metal + Plastic
Certifications	CE, FCC, RoHS, ONVIF, STQC

8MP Network Dome Camera

Feature	Specification
Image Sensor	8MP PS CMOS Image Sensor (0.9407 cm)
Effective Pixels	3840 (H) × 2160 (V)
Minimum Illumination	0.001 lux@F1.4 (Color, 30 IRE), 0.0001 lux@F1.4 (B/W, 30 IRE), 0 lux (IR On)
Angle Adjustment	Pan: 0°–355°, Tilt: 0°–75°, Rotation: 0°–355°
Shutter Speed	Auto/Manual: 1/3 s – 1/100,000 s
White Balance	Auto, Natural, Street Lamp, Outdoor, Manual, Regional Custom
RAM	256 MB
ROM	128 MB
Lens Type	Motorized Varifocal
Lens	2.7 mm – 13.5 mm
Max. Aperture	F1.4
Angle of View	H: 113°–31°, V: 58°–18°, D: 138°–36°
DORI Distance	Wide: Detect 85.3 m, Observe 34.1 m, Recognize 17.1 m, Identify 8.5 mTele: Detect 280 m, Observe 112 m, Recognize 56 m, Identify 28 m
S/N Ratio	>58 dB
IR LEDs	2 IR LEDs
IR Range	Up to 50 meters
Day/Night	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120 dB)
IR Control	Auto, Manual
Iris Control	Fixed
OTA (Over-The-Air)	Supported
Smart Search	Works with AI NVR for refined AI search and event extraction
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Sub-stream only)
Resolution	8MP to CIF (Multiple resolutions supported)
Stream Capability	Quad Stream

Frame Rate	Main: 8MP@1–20fps / 4MP@1–25/30fpsSub Streams: D1@25fps, D1@25fps, D1@1fps
Audio	Built-in Microphone
Audio Compression	G.711a, G.711Mu, G.726, PCM, AAC
Noise Reduction	2D NR, 3D NR
Motion Detection	ON/OFF (4 rectangular areas)
IVS (Perimeter Protection)	Intrusion, Tripwire (Human & Vehicle Classification)
Privacy Mask	4 Areas
ROI	Supported (4 Areas)
OSD	Camera Title, Date & Time, Channel Title, Location, Custom Text
Bit Rate Control	CBR / VBR
Bit Rate	H.265/H.264: 3 kbps – 8192 kbps
Protocols	IPv4/IPv6, HTTP/HTTPS, TCP/IP, ONVIF (S/G/T), RTP/RTSP, SNMP, SSL, DHCP, SMTP, etc.
Ethernet	RJ-45 (10/100 Base-T)
SDK & API	Supported
Alarm Events	Motion, Tampering, Tripwire, Intrusion, SD Card, Network, Audio, Voltage, IMD, etc.
Cyber Security	AES-256, HTTPS, Secure Boot, Trusted Upgrade, IP/MAC Filtering
Mirror Function	Supported
Image Rotation	0° / 90° / 180° / 270°
User/Host	6 Users (48 Mbps total bandwidth)
Audio Input	1 Channel (RCA)
Audio Output	1 Channel (RCA)
Alarm Input	1 Channel (5mA, 3–5 VDC)
Alarm Output	1 Channel (300mA, 12 VDC)
Browser Support	IE, Chrome, Firefox
Storage	SFTP, NAS, Micro SD Card (Up to 512 GB)
Power Source	12 VDC / PoE (802.3af)
Power Consumption	Basic: 2.7 W (DC), 3.4 W (PoE)Max: 6.4 W (DC), 7.3 W (PoE)
Weatherproof Rating	IP67, IK10
Operating Temperature	–30°C to +60°C
Operating Humidity	≤95%
Storage Temperature	–40°C to +60°C
Casing	Metal
Certifications	ISO 9001:2015, ISO 20000-1:2018, CE, FCC, RoHS, BIS, ONVIF, STQC

32 Channel 4K AI Network Video Recorder

Feature	Specification
Processor	Industrial-grade processor
IP Camera Input	32 Channels
Operating System	Embedded Linux
User Interface	Web UI, Local GUI
Video Output	2 × VGA: 1920×1080 / 1280×1024 / 1280×7202 × HDMI: 3840×2160 / 1920×1080 / 1280×1024 / 1280×720Heterogeneous output for HDMI1 & HDMI2Simultaneous output: VGA1 + HDMI1, VGA2 + HDMI2
Video Compression	Instastream, H.265, H.264+, H.264, MJPEG
Decoding Capability (AI Disabled)	2 Ch @32MP@25fps, 2 Ch @24MP@25fps, 4 Ch @16MP@30fps, 5 Ch @12MP@30fps, 8 Ch @8MP@30fps, 10 Ch @6MP@30fps, 12 Ch @5MP@30fps, 16 Ch @4MP@30fps, 32 Ch @1080p@30fps
Decoding Capability (AI Enabled)	1 Ch @32MP@25fps, 1 Ch @24MP@25fps, 2 Ch @16MP@30fps, 4 Ch @12MP@30fps, 6 Ch @8MP@30fps, 8 Ch @6MP@30fps, 8 Ch @5MP@30fps, 12 Ch @4MP@30fps, 24 Ch @1080p@30fps
AI by NVR	Face Detection, Face Recognition, Perimeter Protection, SMD Plus
AI by Camera	Face Detection & Recognition, Video Metadata (Human, Motor & Non-Motor Vehicle), Perimeter Protection, SMD Plus, Stereo Analysis, Crowd Distribution, People Counting, ANPR, Vehicle Density, Heat Map
IntelliCheck AI (Camera + NVR)	Max. 32 Channels, 1 combined event per channel per second
Supported Resolution	32MP, 24MP, 16MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 2MP, 960p, 720p, D1, CIF, QCIF
Network Bandwidth	AI Disabled: 384 Mbps (In/Rec/Out)AI Enabled: 200 Mbps (In/Rec/Out)
Video Display Split	Main Screen: 1/4/8/9/16/25/36Sub Screen: 1/4/8/9/16
Perimeter Performance (AI by NVR)	4 Channels, 10 IVS rules per channel
Perimeter Performance (AI by Camera)	All Channels (16 targets/sec)
Face Attributes	Gender, Age Group, Glasses, Expression, Mask, Beard
Face Detection (AI by NVR)	2 Channels (up to 12 face images/sec per channel)
Face Detection (AI by Camera)	16 Channels
Face Database Capacity	20 databases × 20,000 images (Total 2.5 GB); supports personal details
Face Recognition (AI by NVR)	16 Ch FD (Camera) + FR (NVR): 16 images/sec2 Ch FD + FR (NVR): 12 images/sec
Face Recognition (AI by Camera)	16 Channels
SMD Plus (NVR)	8 Channels – Human & vehicle filtering
SMD Plus (Camera)	All Channels (32 targets/sec)
Metadata Performance	8 Channels



(Camera)	
Human Attributes	Clothing color/type, Hat, Bag, Age, Gender, Umbrella
Motor Vehicle Attributes	License Plate, Color, Model, Logo, Seatbelt, Calling, Registration Location
Non-Motor Vehicle Attributes	Vehicle Type, Color, Person Count, Helmet
ANPR (Camera)	All Channels (8 targets/sec)
License Plate Database	Up to 20,000 plates (Allowlist & Blocklist)
Abnormality Alarm	Camera offline, Disk error/full, IP/MAC conflict, Login lock, Fan abnormality, Cyber security exception
Intelligent Alarm	Face, Perimeter, Metadata, SMD Plus, People Counting, ANPR, Heat Map
General Alarm	Motion, Network, External alarm, Scene change, PIR, Thermal
Alarm Linkage	Recording, Snapshot, Alarm Output, Audio, Buzzer, Email, Preset, Log
Audio Input	1 Channel (RCA)
Audio Output	2 Channels (RCA)
Audio Compression	G.711a, G.711u, PCM, G.726, AAC
Disk Group	Supported
Alarm Input	16 Channels
Alarm Output	8 Channels (12V, 1A)
Hard Disk	8 × SATA, up to 20 TB per HDD
Network Mode	Load balance, Fault tolerance, Port binding
Playback	Up to 16 Channels
Record Mode	General, Motion, Intelligent, Alarm, POS
Backup	USB Device, Network
Playback Mode	Instant, Event, Tag, Smart (Face/Motion)
Mobile Support	iPhone, iPad, Android
Browser Support	Chrome, IE, Safari, Edge, Firefox
RAID Support	RAID 0 / 1 / 5 / 6 / 10
Interface Ports	4 × USB (2 Front USB 2.0, 2 Rear USB 3.0), eSATA, RS-232, 2 × RS-485
Certifications	CE, FCC, RoHS, ONVIF, STQC
Protocols	HTTP, HTTPS, FTP, RTP, RTSP, TCP/IP, IPv4, UDP, NTP, DHCP, DNS, SMTP, UPnP, DDNS, Alarm Server, Multicast, P2P, Auto Registration, iSCSI, ONVIF 23.12 (Profile T, Profile S, Profile G), CGI, SDK
Ethernet	2 × (10/100/1000 Mbps) Ethernet ports (RJ-45)
Power Supply	100–240 VAC, 50–60 Hz
Power Consumption	Total output of NVR ≤ 13 W (without HDD)
Operating Temperature	−10°C to +55°C (14°F to +131°F)
Operating Humidity	10%–93% RH, non-condensing
Storage Temperature	−20°C to +60°C (−4°F to +140°F)

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28 Port PoE & SFP Network Switch (Make in India)

Feature	Specification
Network Ports	24 × PoE Ports (10/100/1000 Mbps) 2 × Uplink Ports (10/100/1000 Mbps) 2 × SFP Uplink Ports (10/100/1000 Mbps)
PoE Standard	IEEE 802.3af / IEEE 802.3at
PoE Power Supply Method	End-Span Method
Total PoE Power Budget	300 Watts
Network Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3z
VLAN Mode	Supported
PoE Transmission Distance	Up to 250 meters (PoE supported)
Uplink Transmission Distance	Up to 100 meters
Power Supply Type	Internal / External
Certifications	CE, FCC, RoHS

19 Port Gigabit Copper & SFP Ports POE Switch (Make in India)

Feature	Specification
Network Ports	16 Ports POE 10/100 Mbps 2 Ports Uplink 10/100/1000 Mbps 1 Ports Uplink 10/100/1000 SFP
PoE Standard	IEEE802.3 af/at Standard
PoE Power Supply Method	End Span Method
Total PoE Power Budget	200 Watts
Network Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3z
VLAN Mode	Supported
PoE Transmission Distance	Max 250 Meters should be supported for POE
Uplink Transmission Distance	Max 100 Meters
Power Supply Type	External/Internal
Certifications	CE,FCC, RoHS

10 Port Gigabit POE+ Switch (Make in India)

Feature	Specification
Network Ports	8 Ports POE 10/100/1000 Mbps 2 Ports Uplink 10/100/1000 Mbps
POE Standard	IEEE802.3 af/at Standard
POE Power Supply Method	End Span Method
Power Wattage	120 Watts
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3z
VLAN Mode	Supported
POE Network Transmission Distance	Max 250 Meters should be supported for POE
Uplink Network Transmission Distance	Max 100 Meters
Power Supply Type	Should supply Power from Adaptor for easier maintenance
Power Supply	External Adapter 52V DC Power supply
Certifications	CE,FCC, RoHS

08 Port Gigabit POE & SFP Switch (Make in India)

Feature	Specification
Network Ports	8 Ports POE 10/100/1000 Mbps 2 Ports Giga SFP
POE Standard	IEEE802.3 af/at Standard
POE Power Supply Method	End Span Method
Power Wattage	120 Watts
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3z
VLAN Mode	Supported
POE Network Transmission Distance	Max 250 Meters should be supported for POE
Uplink Network Transmission Distance	Max 100 Meters
Power Supply Type	Should supply Power from Adaptor for easier maintenance
Power Supply	External Adapter 52V DC Power supply
Certifications	CE, FCC, RoHS

CAT6 UTP INDOOR CABLE (Make in India)

Feature	Specification
Conductor	Solid Bare Electrolytic Grade Copper
Conductor Guage	24 AWG
Insulation	Polyethylene (PVC)
Pairing	Twisted Into Two Core
Sequential Marking	Meter Marking
Sheath Material	PVC (Grey)
Cross Filler	PVC
Worst Cable Skew	45ns/100m
Mutual Capacitance	5.6nf / 100 Meters (Max)
NVP	69%
Certification	ISO/IEC 11801-1:2017, REACH, CE, FCC, RoHS

CAT6 HDPE Grade Outdoor Cable (Make in India)

Feature	Specification
Conductor	Solid Bare Electrolytic Grade Copper
Conductor Guage	23 AWG
Insulation	HDPE
Pairing	4 Twisted Pair with Rip Cord
Shield	Aluminum Shielding
Sheath Material	PVC (Grey) + LDPE (Black)
Worst Cable Skew	45ns/100m
NVP	69%
Test Report	Available
Certification	ISO/IEC 11801-1:2017, REACH, CE, FCC, RoHS

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2MP Long Range IR PTZ Network Camera

Feature	Specification
Image Sensor	1/2.8" 2MP PS CMOS Image Sensor (0.9071 cm)
Effective Pixels	1920 (H) × 1080 (V)
Minimum Illumination	Color: 0.005 Lux@F1.6B/W: 0.0005 Lux@F1.60 Lux (IR On)
Focus Control	Auto / Semi-Auto / Manual
RAM	512 MB
ROM	256 MB
White Balance	Auto, Indoor, Outdoor, Tracking, Manual, Sodium Lamp, Natural Light, Street Lamp
Lens	3.95 mm – 177.75 mm
Max. Aperture	F1.6 – F4.95
Angle of View	H: 65.7°–1.9°, V: 39.4°–1.1°, D: 73.1°–2.1°
Close Focus Distance	0.1 m – 1 m
Iris Control	Auto / Manual
DORI Distance	Detect: 2451.7 m Observe: 972.9 m Recognize: 490.3 m Identify: 245.2 m
Electronic Shutter	1/1 s – 1/30,000 s
Back Light Compensation	BLC / HLC / WDR (120 dB)
S/N Ratio	≥ 55 dB
Optical Zoom	45×
Digital Zoom	16×
Image Rotation	180°
Pan/Tilt Range	Pan: 0°–360° Endless Tilt: –20° to +90° (Auto Flip 180°)
Power-off Memory	Supported
Manual Speed	Pan: 0.1°–260°/s Tilt: 0.1°–120°/s
Preset Speed	Pan: 300°/s Tilt: 200°/s
Image Stabilization	Electronic (EIS)
Privacy Masking	Up to 24 areas (8 per view)
Special Features	300 Presets, 5 Patterns, 8 Tours (up to 32 presets/tour), 5 Scans
Idle Motion	Preset / Tour / Pattern / Scan
Defog	Electronic
IR Distance	Up to 300 meters
IR LEDs	6 IR LEDs
IR Control	Zoom Priority, Manual, Smart IR, Off
Day/Night	Auto (ICR) / Color / B/W
Gain Control	Auto / Manual
Video Format	PAL / NTSC
OSD	Camera Title, Date & Time
Video Compression	Instastream, H.265, H.264+, H.264H, H.264B, H.264, MJPEG (Sub-stream)
Resolution	2MP (1920×1080), 1MP (1280×720), D1, CIF
Frame Rate	Main & Sub Streams: up to 25/30 fps
Stream Capability	Quad Stream
Bit Rate	H.264: 64 kbps–8192 kbps H.265: 25 kbps–6400 kbps
Bit Rate Control	CBR / VBR
Motion Detection	Supported
ROI	Supported
Noise Reduction	2D / 3D DNR
Two-Way Audio	Supported
Audio Input	1 Channel

Audio Output	1 Channel
Audio Compression	PCM, G.711a, G.711Mu, G.726, MPEG-2 Layer-2, G722.1
Alarm I/O	7 Inputs / 2 Outputs
User / Host	20 Users (64 Mbps total bandwidth)
Ethernet	RJ-45 (10/100 Base-T)
Alarm Events	Motion, Tampering, Audio, Network, IP Conflict, SD Card Status
Protocols	IPv4/IPv6, HTTP/HTTPS, SMTP, SFTP, DHCP, DNS, NTP, ONVIF (S/G/T), SNMP, Multicast
IVS (Optional)	Tripwire, Intrusion, Object Abandoned/Missing, SMD, Face Detection
Cyber Security	AES-256, Secure Boot, HTTPS, IP/MAC Filter, WSSE, Syslog
Storage	SFTP, NAS, Micro SD (Up to 512 GB)
Browser Support	Microsoft Edge, Chrome
Operating Temperature	-40°C to +70°C
Operating Humidity	≤95% RH (Non-condensing)
SR Standard	SR-332, Quality Level II
Weatherproof Rating	IP67, IK10, TVS 8000V Lightning Protection
Certifications	MTBF (STQC), EMI/EMC, ISO 9001, STQC Compliance
Power Source	24 VDC ±25%, PoE+ (802.3at)
Power Consumption	Basic: 13 W Max: 25 W (IR + PTZ)
Casing	Metal

Note:

The above specifications are the minimum recommended requirements under the Make in India initiative. Bidders may offer higher or enhanced configurations to meet actual site requirements; however, PDUSU, Sikar shall not pay any additional cost for any higher or upgraded configuration beyond the specified scope.

***All the items provided under this tender will be under warranty for at least one year or the duration provided by OEM, Whichever is higher.**

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4.3

INSTALLATION & COMMISSIONING OF CCTV CAMERA AND OTHER WORK:

The tenderer will be responsible for installation & commissioning including the complete CCTV setup at site. The supplier shall depute qualified and competent technical & other staff to supervise, install and commission the equipment free of cost for suitable man days and for test day running as well as training in operation and maintenance of the CCTV setup at site.

4.4

Make in India (MMI) – Government Aligned & ISO Compliance Clause

Only Make in India (MMI) products shall be eligible under this tender. The bidder shall offer products manufactured in India in compliance with the Public Procurement (Preference to Make in India) Order, issued by the Department for Promotion of Industry and Internal Trade (DPIIT), Government of India, as amended from time to time.

- Only Class-I Local Suppliers having minimum local content as prescribed by DPIIT shall be allowed to participate.
- Class-II Local Suppliers and Non-Local Suppliers shall not be eligible for this tender.
- The bidder shall submit a self-certification / declaration of local content as per DPIIT guidelines, supported by documentary evidence, wherever required.
- In case of false declaration, the bid shall be rejected and appropriate action shall be taken as per Government of India / RTPP Act provisions.
- The bidder shall declare the **country of origin and percentage of local content** at the time of bid submission, in accordance with RTPP and DPIIT guidelines.
- The bidder shall submit a **Make in India self-certification / undertaking** as required.
- In case of **misrepresentation or false declaration**, the bid shall be rejected and action shall be taken as per **Government terms, DPIIT guidelines, and RTPP Act provisions**.

OEM & Product Origin Compliance

- The offered product(s) shall be **manufactured in India**.
- The OEM/manufacturer must be registered in India with Products and mapped with the offered product.
- Any change in OEM or product origin after bid submission shall **not be permitted** without prior approval of the University.

ISO & Quality Standards Compliance

The bidder and/or OEM of the offered products shall possess the following **valid ISO certifications**, issued by an **accredited certification body**, and shall upload the same on online portal or submit along with the Technical Bid:

All certifications shall remain **valid throughout the contract period**.

Statutory & Standards Compliance

- All products supplied shall be **new, unused, and of latest manufacture**.
- Products shall comply with **BIS / ISI standards**, wherever applicable.
- Where BIS standards are not available, compliance with **international standards** may be permitted with prior approval of the Purchaser.

Verification & Compliance

The University reserves the right to:

- Verify Make in India status, local content, and OEM credentials through Physical or online
- Seek additional documents or clarification
- Reject the bid or cancel the contract in case of non-compliance with Make in India norms

4.5 PATENTS:

Tenders shall warrant that all equipment or material furnished hereunder are and shall be free and clear of infringement of patent and copy right or trade mark prevalent, if any country.

4.6 QUANTITY:

The details of quantity of material i.e minimum requirement for the CCTV setup are as under. The quantities below are tentative requirements; bidders may offer higher or lower quantities to meet actual site needs as per applicable RTPP Rules.

4.7 PERIOD OF CONTRACT:

The contract period will be one years from the date of commencement of work.

The bidder must commence the 24X7 surveillance, monitoring through the CCTV setup & reporting work (as detailed in the Scope of work) within 45 days of issuance of work order/Detailed Letter of Acceptance. The Institution may extend the period of contract at its sole discretion as per provisions of RTPP Act, 2012.

However, the Institution reserves the right of termination of contract at any time without assigning any reason by giving a clear notice of thirty days. Such termination shall not entitle the contractor for any claim whatsoever

4.8 CRITERIA FOR DECIDING THE SUCCESSFUL BIDDER:

The tender shall be evaluated and finalized in accordance with the provisions of the Rajasthan Transparency in Public Procurement (RTPP) Act, 2012 and RTPP Rules, 2013.

Only those bidders who qualify in the Technical Evaluation shall have their Financial Bids opened. To qualify technical evaluation minimum score required is **80 in QCBS**. Tender will be awarded to the bidder based on the lowest quoted price (L1) offered in the prescribed Price Bid Proforma in financial bid.

The decision of the Competent Authority shall be final and binding on all bidders.

4.9 NEGOTIATION:

- i. Negotiations if required will be conducted first with the lowest tenderer. In case of non-satisfactory achievement of rates from lowest tenderer, PDUSU,SIKAR may choose to make a written counter offer to the lowest tenderer and if this is not accepted, PDUSU,SIKAR may decide to reject and re-invite fresh tenders or to make the same counter-offer first to the second lowest tenderer, then to the third lowest tenderer and so on in the order of initial bidding, and work order be awarded to the tenderer who accepts the counter offer first.
- ii. In case, when the quotations given by the tenderer during negotiations are higher than the original quotation of the tenderer; then the tenderer will be bound by the lower rate originally quoted by the tenderer.

- iii. In case of negotiations, representative of the tenderer attending negotiations must possess written authority from the tenderer to the effect that he is competent to modify/amend the submitted tender for deviations, exception and rates offered by them

4.10 ASSIGNMENT/ SUBLETTING:

The contractor shall not sublet, transfer or assign this contract or any part thereof (or any benefit or interest therein and there under) without written consent of the Institution. But such consent of the Institution, if given shall not relieve the contractor from any liability or obligation under this contract and the contractor shall be responsible for all acts, defaults and neglects of the sub-contractor, his agents and employees fully as if those are the Contractor 's own acts.

4.11 DETAILS TO BE FURNISHED AT THE TIME OF COMMENCEMENT OF WORK:

Following details required to be furnished by the successful tenderer to the Engineer-in-Charge/officer before the commencement of work:

- I Details of the personnel who will be engaged for execution of the work.
- II List of equipment/parts etc. along with its technical specification with make of the product proposed to be deployed at site for the execution of the work.

4.12 COMMENCEMENT OF WORK:

The bidder must commence the 24X7 surveillance, monitoring through the CCTV setup & reporting work within 45 days of issuance of work order/Detailed Letter of Acceptance.

4.13 RIGHT TO REVIEW PERFORMANCE:

The Institution reserves the right to review and assess the performance of the work at any time during the contract period. In case of poor or unsatisfactory performance and/or breach of any terms and conditions of the contract, the Institution in its absolute right and discretion may take appropriate action including termination of the contract.

The Institution shall have absolute right to determine and ascertain the damages or losses suffered by it due to poor performance or breach of the terms and recover the costs thereof from the contractor from the security deposit or any sum due to the contractor from the Institution. The Institution shall also have the absolute right to get the work done from any other agency at the risk and cost of the contractor, in case, the contractor fails to perform the work continuously for more than 3 (three) days.

4.14 RISK & COST:

The Institution shall have full right to forfeit the whole security deposit and payment of other pending bills payable to the contractor for non-fulfillment of the contractual obligations with regard to the work within the scheduled /specific time period. The work can be completed by engaging third party at the risk and cost of the contractor.

4.15 PAYMENT TERMS:

To ensure smooth execution of the project on a **one-time Supply, Installation, Testing & Commissioning (SITC)** basis, the following payment terms shall be applicable:

4.15.1 Supply of Materials – 70%

- **70% of the total contract value** shall be paid after **delivery of all major equipment/materials at site**.
- Payment shall be subject to submission of:
 - Delivery challans
 - Inspection / verification report by the authorized representative of PDUSU, Sikar

4.15.2 Completion & Commissioning – 30%

- The balance **30% of the total contract value** shall be paid after:
 - Complete installation, testing and commissioning of the system
 - Successful acceptance by PDUSU, Sikar
 - Submission of all handover documents, drawings, manuals and warranties

4.15.3 Commercial & Statutory Terms

- Prices quoted shall be **inclusive of all applicable taxes and duties and GST**.
- Any additional civil or electrical work, if required and approved by PDUSU, Sikar, shall be paid separately as per mutually agreed rates.
- All payments shall be made through **RTGS / NEFT / Account Payee Cheque** only.
- Applicable statutory deductions, including **Income Tax (TDS)**, shall be made as per Government rules.

4.15.4 General

- Payments shall be released within **30 days** of submission of correct and complete invoices, subject to acceptance of work.
- The decision of PDUSU, Sikar regarding payment shall be final and binding.

4.16 APPLICATION FOR COMPLETION CERTIFICATE:

When the Contractor fulfils all his / its obligations under the contract to the satisfaction of Engineer-in-Charge/officer and subject to terms & conditions of the contract he/it shall be eligible to apply for completion certificate. The application along with following documents and any other document/ information etc. as required by the Engineer-in-Charge/officer for his satisfaction, are required to be submitted to the Engineer-in-Charge/officer .

- (i) Details of the quantum of work completed by the contractor.
- (ii) Three sets of calculation sheets (back up papers) thereof.
- (iii) A certificate to the effect that no outstanding claims/ payments are due to the persons employed by the contractor or his sub-contractor.
- (iv) Notary attested No claim certificate by the contractor, in favor of the Institution that No claim has been due towards the Institution and he will not claim any dues after the closure of the contract.
- (v) Notarized Indemnification Bond on Rs. 500/- on non-Judicial stamp paper.

The Engineer-in-Charge/officer shall formally issue completion certificate within 60 (Sixty) days on receiving application from the Contractor, after verifying from the completion documents including record etc and satisfying himself that the work has been completed in accordance with all the provisions of this contract and as set out in the drawings/specifications etc and instructions issued to the Contractor by the Institution.

The contractor, after obtaining the completion certificate, is eligible to present the final bill for the work executed by him/it under the contract. The final bill shall be submitted by the contractor within 15 days from the date of issue of completion certificate, otherwise the Engineer-In-Charge's certificate of the measurement and of total amount payable for the work accordingly shall be final and binding on the contractor.

4.17 FINAL CERTIFICATE:

Upon expiry of the period of liability and subject to the Engineer-in-Charge/officer being satisfied with the work or works having been duly performed by the Contractor and the Contractor having fulfilled all his obligations under the contract, the Group General Manager Contracts shall give a certificate hereinafter referred to as the 'Final Certificate' and the contractor shall not be considered to have fulfilled all of his/its obligations under the contract until Final Certificate shall have been given by the Group General Manager Contracts.

4.18 UNDERTAKING

I/We have carefully gone through & fully understood all above special terms and conditions dealt in various chapters of this section of tender spelt out in various chapters, clauses, sub-clauses etc. and these are acceptable to we/us.

For and on behalf of the tenderer

Signature of tenderer
With seal

Dated-----

Place-----



5. 1st Stage: Minimum Eligibility Criteria

S.No	Description	Minimum Qualifying Criteria
1.	Legal Entity	<p>a. A Company registered under the Companies Act, 1956 / 2013, or</p> <p>b. A Limited Liability Company (LLC) registered under the Limited Liability Partnership Act, 2008, and must have been in continuous operation for at least five (5) years as of March 31, 2025, with registration from the requisite statutory authorities. JV/Consortium not allowed.</p> <p>c. Consortiums are permitted only for both are limited or private limited companies or Partnership firm or Individuals agreement to be submitted of companies with registration from the requisite statutory authorities. JV/Consortium is permitted, subject to the condition that a Lead Bidder shall be nominated, who shall hold the primary responsibility for technical, financial and contractual obligations and shall be the single point of contract for the Client.</p> <p>Bidder to submit following documents as applicable:</p> <ul style="list-style-type: none"> • Certificate of Incorporation / MoA – AoA of the Company • Duly Seal-Signed Board Resolution, Consent from the Directors as applicable, and Authority Letter from the Company for submission of bids on the entity's Letter Heads. • Partnership Deed, as applicable • GST Registration certificate • PAN Card • Income Tax returns for preceding three financial years • Other tax certificates (as applicable)
2.	Performance Criteria	The Bidder should not have been blacklisted on account of fraud, corrupt, or unethical practices by the Central Government / any State Government / any Government Organization or Department / PSU / PSE in India as on the date of bid submission. Bidder shall submit an affidavit on non-judicial stamp paper of Rs. 100/- (Rupees One Hundred only) in support of the above
3.	Annual Turnover & Net worth	<ul style="list-style-type: none"> • Minimum Rs. 10 Crores as an average annual turnover of IT/ITES related only the bidder in the preceding three financial years i.e. FY24-25, FY23-24 and FY22-23. • Bidder to submit certificate from their statutory auditor certifying average annual turnover of mentioned 3 financial years supported by Audited B/S and financial statements. • Minimum Net-worth requirement as on 31-Mar-2024: should be at least INR 02 Cr. positive. (Bidder to submit the statutory auditor certificate certifying the net-worth as on 31-Mar-2025.)
4.	Project Experience	<p>The Bidder should have similar experience of Two (02) Project having Supply, Installation and Maintenance of minimum 500 CCTV Cameras and related accessories/Live surveillance systems/IT/ITES in each project permanent or leasing with the contract value of Minimum INR 50 lakh (each project) in the last three years from the last date of bid submission.</p> <p>Completion Certificates /Contracts (work Order) /Agreements/CA Certified Certificate / Invoices from clients with payment proof or relevant documents number of cameras mentioned and contract value</p>

5.	Local Presence	<p>The Bidder shall have an established and functional office in the State of Rajasthan, located within a radius of 200 km from the project site, for a continuous period of at least five (05) years as on the date of bid submission .</p> <p>The Bidder must also possess a valid Rajasthan GST Registration for the last five (05) years from the bid submission date.</p> <p>Documentary evidence in support of the above requirements shall be submitted along with the bid.</p> <p>Further, at the time of submission of the Technical Proposal and prior to commencement of the assignment, the successful bidder shall be required to furnish updated proof of such office establishment in Rajasthan.</p> <p>Non-compliance with this requirement at any stage shall result in rejection/disqualification of the bid.</p>
7.	MAF	<ul style="list-style-type: none"> • The OEM / CCTV Camera Product & its surveillance accessories Company should have registered office and service centre & toll free no. in India since at least last 05 years from the bid submission date (i.e. If bidder wants to quote the "X" brand of CCTV Camera, then OEM of "X" brand of CCTV Camera should have registered office and service centre in India since last 05 years) The Service Provider/potential bidder can submit certificates from OEM/CCTV Product Company from whom they are willing to procure Cameras/MAF to be submitted for CCTV Cameras, NVRs, and switches. • The OEM should not have servers installed in the countries which shares the land border with India. GFR Rules applicable. A self-declaration on Company's/firm's letterhead to be provided for the same. • The complete design, supply, delivery, loading & unloading, installation, implementation, testing, commissioning Integration, handing over, maintenance shall be the sole responsibility of the potential bidder. • The Service Provider Company can submit certificates from OEM/CCTV Product Company from whom they are willing to procure Cameras. • OEM Product Should be Make In India • The OEM should not have servers installed in the countries which shares the land border with India. GFR Rules applicable. • A self-declaration on Company's/firm's letterhead to be provided for the same. • The complete design, supply, delivery, loading & unloading, installation, implementation, testing, commissioning Integration, handing over, maintenance shall be the sole responsibility of the potential bidder. • GFR Rules Applicable. <p>Documentary Proof to be submitted by bidder.</p>
8.	Submission of Complete Survey Report with DPR	<p>The Bidder shall be required to carry out a comprehensive physical and technical survey of all campuses / locations covered under the scope of work and submit a detailed Survey Report along with a Detailed Project Report (DPR).</p> <p>The Survey Report and DPR must include, but shall not be limited to, the</p>

		<p>following details:</p> <ul style="list-style-type: none"> • Campus-wise and building-wise assessment • Proposed system architecture and layout • Location-wise marking of equipment (with drawings/markings) • Technical specifications and justification of proposed solutions • Power, networking, and infrastructure requirements • Bill of Quantities (BoQ) with campus-wise breakup • Implementation methodology and deployment plan • Risk assessment and mitigation plan • Compliance with applicable standards and tender requirements <p>The Survey Report with DPR shall be submitted for University and must be duly signed and stamped by an authorized representative of the Bidder.</p>
9.	OEM Certification Requirement	<p>Copy of Standardization Testing and Quality Certification (STQC) or Certificate issued by any other agency notified by The Ministry of Electronics and Information Technology (MeitY) or Certificate regarding compliance of BIS Safety Standards must be submitted.</p> <p>The OEM for must adhere to the rules & regulations/ certificates of BIS, ISO, etc. as complied with and ensure to provide its certification as applicable (for e.g ISO 9001:2015, ISO 20000, ISO 27000, ISO 14000, ISO/IEC27001, ISO 29990, ISO 45001, CE, FC, RoHS, full time ONVIF member & STQC certified etc. OEM should have valid certification on or at the date of submission bid document.</p> <p>Switches or other items must be Make in India compliance.</p>
10	Bidder Certification Requirement	<p>Bidder should have the valid Bidder should have the valid:-</p> <p>ISO 9001:2008 /ISO 9001:2015, ISO/IEC 27001:2022 & ISO20000-1:2018 ISO 14000</p> <p>(all ISO are verifiable of https://www.iafcertsearch.org/</p> <p>CMMI Level 3 or more for in development and services delivery (CMMI Level verifiable at https://cmmiinstitute.com/pars) as on the day of Publishing bid.</p>
11	Undertaking	<p>Bidder is required to submit the undertaking as per the Department of Expenditure, Government of India guidelines on procurement dated 23.07.2020 to confirm that, all the quoted product Make under this bid are not from a country which shares a land border with India or, or if from such a country, quoted product/OEM have been registered with competent authority. Bidder and OEM is required to submit the undertaking on bidder's & OEM letter head with authorized stamp and sign for all quoted product.</p>

12	OEM Compliance Statement of all products	<p>The Bidder shall mandatorily submit an OEM Compliance Statement for all offered products, clearly indicating compliance with the technical specifications mentioned in the tender.</p> <p>The Compliance Statement must be duly signed and stamped by the respective OEM and shall be enclosed with the bid as a separate, identifiable document.</p> <p>Non-submission or incomplete submission of the OEM Compliance Statement for any of the quoted items may render the bid liable for rejection.</p>
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6. 2nd Stage: Technical Evaluation (QCBS)

	Minimum Requirements		Evaluation Methodology	
S.No.	Evaluation Criteria	Maximum Marks	Score Criteria	Maximum Marks
A	Project Experience	50 marks	<p>The Bidder should have demonstrated experience in executing Supply, Installation, Commissioning, and Maintenance, or providing CCTV systems on Supply/Usage-based model /rental / service-based deployment, comprising a minimum of 500 CCTV cameras along with associated accessories and live surveillance systems, implemented under a single permanent or temporary project from Government/PSU/State department /University during the last three (3) years from the date of bid submission.</p> <p>i. =500 Cameras – 02 Marks</p> <p>ii. >500 Cameras to Less than or equal to 2000 Cameras – 05 Marks</p> <p>iii. >2000 Cameras to Less than or equal to 4000 Cameras – 10 Marks</p> <p>iv. >4000 Cameras -20 Marks</p> <p>Completion Certificates /Contracts (work Order) /Agreements/CA Certified Certificate / Invoices and payment proof clients or relevant documents number of cameras mentioned and contract value.</p>	20
			<p>Bidder should have experience of executing Multi Cities /Towns /Districts/Villages in one single order CCTV systems on Supply/Usage-based model /rental / service-based deployment and CCTV Live Surveillance System Project in one single order from Government/PSU/State department /University during the last three (3) years from the date of bid submission.</p> <p>Up to 10 Multi Cities /Towns /Districts/Villages – 02 Marks</p> <p>>10 to Less than or equal to 15 Multi Cities /Towns /Districts/Villages – 03 Marks</p> <p>>15 to Less than or equal to 25 Multi Cities /Towns</p>	10

		<p>/Districts/Villages – 05 Marks</p> <p>>25 Multi Cities /Towns/Districts/Villages -10 Marks</p> <p>Completion Certificates /Contracts (work Order) /Agreements/CA Certified Certificate/ Invoices and payment proof or relevant documents having number/name of cities/villages/towns mentioned and contract value.</p>	
		<p>The Bidder should have experience in implementation, integration, and maintenance of setting up the command-and-control center permanent and temporary based in at least One Single Order. Documentary proofs to be submitted</p> <p>The Bidder should have similar experience Projects having Supply, Installation and Maintenance of CCTV Cameras and related accessories/ Live surveillance systems with the contract value of Minimum INR 30 lakh (each project) in the last five years from the date of bid submission.</p>	
		<p>One Projects and less than three projects – 02 Marks</p> <p>More than three Projects and less than five projects – 05 Marks</p> <p>More than Five Projects -10 Marks</p>	
		<p>Completion Certificates /Contracts (work Order) /Agreements/CA Certified Certificate/ Invoices and payment proof or relevant documents having number/name of cities/villages/towns mentioned and relevant documents having number/name of cities/villages/towns mentioned and contract value.</p>	10
		<p>For Ongoing Projects- Post Completion of Go Live of the project, Ongoing Maintenance Certificates (for projects currently under maintenance phase) issued by the client, clearly indicating: Satisfactory performance of the CCTV system, Duration of maintenance period And Scope of services being provided has to be submitted on the letter head of client.</p>	
		<p>Bidder should have experience of executing Multi Cities /Towns /Districts/Villages in one single order CCTV systems on Supply/Usage-based model /rental / service-based deployment and CCTV Live Surveillance System Project in one single order from Government/PSU/State department /University during the last three (3) years from the date of bid submission</p>	10
		<p>One Client – 02 Marks</p> <p>three Client – 05 Marks</p> <p>five Client – 07 Marks</p> <p>More than five - 10 Marks</p>	
		<p>Completion Certificates /Contracts (work Order) /Agreements/CA Certified Certificate/ Invoices and payment proof or relevant documents having number/name of cities/villages/towns mentioned and</p>	

			contract value.	
B	Financial Evaluation	15 marks	<p>Average Annual Turnover should be for the last 03 financial years i.e., FY24-25, FY23-24, FY22-23:</p> <p>INR 10 crs – 02 Marks</p> <p>More than INR 10 Crs to less than or equal to INR 30 Crs – 05 Marks</p> <p>More than INR 30 Crs – 10 Marks</p> <p>Bidder to submit the statutory auditor certificate certifying the average annual turnover of the last three years i.e. FY24-25, FY23-24, FY22-23 along with financial statements - audited B/S and P&L & CA Certified certificate</p> <p>Net-worth requirement as on 31-Mar- 2025:</p> <p>= INR 05 Crore – 3 Marks</p> <p>>INR 05 Crores – 5 Marks</p>	10
C	Submission of Complete Survey Report with DPR	35 Marks	<p>Completeness and accuracy of campus-wise survey</p> <p>Technical soundness and feasibility of DPR</p> <p>Quality of drawings, markings, and system layout</p> <p>Compliance with tender specifications and standards</p> <p>Implementation methodology and risk assessment</p>	05
Total				100

W

E-TENDER NO. 11/2025-26 DATED 22.01.2026**GENERAL INFORMATION ABOUT THE TENDERER**

Name & address of the tenderer with telephone No., FAX, E-mail nos. etc.	
Name of the authorized contact person	
Whether OEM Company/ authorized dealer of OEM (MAF certified)	
Date of incorporation (enclosed partnership deed/certificate of incorporation)	
Name of Partners/Directors	
PAN no.	
Goods and Service tax Reg. no.	
MSMED Act. Registration no., if any.	
Turnover in Rupees (indicate the figures financial years including current FY)	2024-25 2023-24: 2022-23:
Name & address of the banker	
If the tenderer is in any other business, please specify.	
Details of Service Centre in Rajasthan	
Any other relevant information.	

Signature of tenderer with official stamp

Date:

Place

N

FORM-2**EXCEPTIONS AND DEVIATION****E-TENDER NO. 11/2025-26 DATED 22.01.2026**

Name of Tenderer _____

Tenderer may stipulate here exceptions and deviations to the tender conditions. If considered unavoidable.

N o .	Page No. of tender document	Clause No. of tender document	Subject	Deviation

Signature of tenderer(s)

with seal



E-TENDER NO. 11/2025-26 DATED 22.01.2026

Details of past experience
{To be submitted with Part-1 of the offer (Techno- commercial part)}

List of order(s) executed in last preceding 3 FY and current FY

S. No.	Name & Address of the Party/Consignee	Order No. & Date	Brief Description of the work	Approximate value of the work
01				
02				
03				
04				
05				
06				
07				

Note: Essentially enclose copies of Purchase Orders / LOI/WO and / or Performance Certificate etc.

Place:
Date:

Signature with Office Seal.



Bank Details of Tender for RTGS/NEFT

SL No.	Description	Details
1	Name of Tenderer	
2	e-mail ID	
3	Mobile No. (for SMS)	
4	Bank Account No.	
5	Banker details: a) Name b) Branch no. c) Address	
6	Type of A/c: Saving/Current/CC/any other	
7	IFSC code	

Signature of Contractor with address.*N*

Performa of "PRICE-BID"

To be submitted strictly online in the prescribed format provided at <https://eproc.rajasthan.gov.in>
else the tender will liable to be rejected.

E-TENDER NO. 11/2025-26 DATED 22.01.2026**PROFORMA FOR 'PRICE BID' BOQ (for reference)**

S.No.	Item Name (Generic Description)	Qty	Unit	Price / Unit (₹)	Amount (₹)	GST (₹)	Total Amount (₹)
1	8MP Network Camera, STQC Certified, Dome Type	235	Pcs				
2	8MP Network Camera, STQC Certified, Bullet Type	40	Pcs				
3	6U Wall Mount Network Rack with Accessories	11	Pcs				
4	24 Port Network Patch Panel	8	Pcs				
5	16 Port Network Patch Panel	5	Pcs				
6	Cat-6 Outdoor UTP Cable, 23 AWG	19,825	Mtr				
7	Cat-6 STP Network Cable	4,575	Mtr				
8	PVC Conduit Pipe 1" (3M each), Pack of 25	31	Set				
9	GI Octagonal Pole with Base Plate & Accessories	15	Nos				
10	Single Mode Armoured Optical Fiber Cable, 6 Core	1,500	Mtr				
11	25 mm PVC Duct	3,000	Pcs				
12	SITC of Chargers for Complete Project	1	Job				
13	PoE Network Switch, 24 Port with SFP	6	Pcs				
14	PoE Network Switch, 16 Port Gigabit	9	Pcs				
15	PoE Network Switch, 8 Port with SFP	22	Pcs				
16	PoE Network Switch, 8 Port Gigabit	9	Pcs				
17	LED Display 55 Inch, UHD	10	Pcs				
18	SFP Module, 1G	80	Pcs				
19	Fiber Patch Cord LC-LC Duplex, 5 Meter	200	Pcs				
20	Outdoor Network Rack, 6U	5	Pcs				
21	RJ-45 Connector	10	Pack				
22	FTTH Termination Box	10	Pcs				
23	Optical Fiber Joint Enclosure, 24F (Lock Type)	5	Pcs				
24	Media Converter	5	Pcs				
25	22U Floor Standing Rack (Fully Loaded)	5	Nos				
26	SITC of Optical Fiber Laying & Termination	1	Job				
27	Surveillance Grade HDD – 8 TB	16	Pcs				

28	Network Video Recorder, 64 Channel, 8 SATA	4	Pcs				
29	Network Video Recorder, 32 Channel, 8 SATA	4	Nos				
30	Online UPS – 6 KVA	3	Pcs				
31	SMF VRLA Battery – 65 Ah	48	Pcs				
32	Rack Accessories & Connectors	3	Nos				
33	PTZ Network Camera with Minimum 300 m IR Range	5	Pcs				

Note:-

1. The quantities mentioned in the BOQ are indicative and tentative and have been worked out based on the preliminary assessment. The actual quantities may increase or decrease after completion of the final detailed site survey and preparation/approval of the Detailed Project Report (DPR).
2. The successful bidder shall be required to supply, install, test and commission the items as per the final approved quantities without any change in the unit rates quoted in the Price Bid.
3. No claim for revision of rates, escalation, or compensation on account of increase or decrease in quantities shall be entertained.
4. Payment shall be made strictly on actual quantities executed and certified by the Competent Authority.
5. The procuring entity reserves the right to add, delete, or modify quantities within the overall scope of work, in accordance with applicable procurement rules, without affecting the validity of the contract.

NOTE:

1. The rate quoted will remain firm & fixed and inclusive of all taxes, duties, levies etc. including GST.

Dated: -----

Place: -----

Signature of tenderer/s with seal

N

ANNEXURE-I

UNDERTAKING

(To be typed on Non Judicial stamp paper of appropriate value)

Ref. No:-

Name of Tenderer

I.....S/o Shri.....aged.....

Years, resident of.....on behalf of the tenderer i.e.

M/s.....hereby undertake oath and state as under:-

- (1) I / We are not having or had any litigation with the PDUSU, SIKAR in relation to the work. In case of litigation with PDUSU, SIKAR, I/we hereby undertake that such litigation will not restrict me/us in smooth execution of tendered work.
- (2) I/We have not been Not-Blacklist by PDUSU, SIKAR or by any Govt. organization of India
- (3) I/We declare that I/We have not mentioned any exception /deviation of the tender conditions in our offer
- (4) I/We declare that price bid is in prescribed Performa & no conditions are attached to it .Even if any conditions /s found, those would be ignored at the risk & cost of us &
- (5) That we are registered under MSMED Act & registration number in Rajasthan of the firm is (Copy enclosed) or that we are not registered under MSMED Act.
- (6) I/We do hereby declare that I/We have fully read and understood the purpose and contents of all the terms and conditions of this contract, nature, quantum, contract period and scope of work of the tender document and all terms& conditions of this tender and these are acceptable to we/us.
- (7) I/We do hereby declare that I/We have fully read and understood the provision of Rajasthan Transparency in public procurement Rules 2013 and all terms& conditions mentioned therein are acceptable to we/us.
- (8) I/we hereby declare that we will provide the sufficient staff having desired qualification & experience as per tender provision.
- (9) I/ we hereby declare that as on date no default has been made by us towards payment of GST and all returns up to the last date of submission of bid have been filled by us.

Signature of Tenderer (s)

(Authorised Signatory)

With seal

Place:

Date:

Note: Original Notarized affidavit shall be sent to the PDUSU, SIKAR, (Rajasthan) along with Tender fees, processing fees and bid security & Signed Documents.

N

Compliance with the Code of integrity and No Conflict of Interest

Any person participating in a procurement process shall:

- (a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process.
- (b) not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation.
- (c) not indulge in any collusion, bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- (e) not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process.
- (f) not obstruct any investigation or audit of a procurement process.
- (g) disclose conflict of interest, if any; and
- (h) disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest:

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a. have controlling partners/shareholders in common; or
 - b. receive or have received any direct or indirect subsidy from any of them; or
 - c. have the same legal representative for purposes of the Bid; or
 - d. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
 - e. the Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
 - f. the Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods. Works or Services that are the subject of the Bid; or
 - g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/consultant for the contract.

Annexure-III

Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

In relation to my/our Bid submitted to For procurement of.....

..... in response to their Notice Inviting Bids No. Dated I/We hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity.
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document.
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons.
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding of commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date

Signature of bidder

Place

Name:

Designation:

Address:

/

The designation and address of the First Appellate Authority is –

Registrar, Pandit Deendayal Upadhyaya Shekhawati
University,
Sikar

The designation and address of the Second Appellate Authority is –

Vice-Chancellor, Pandit Deendayal Upadhyaya Shekhawati
University,
Sikar

Filing an appeal

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued thereunder, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:

Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

- (1) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of appeal.
- (2) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

(3) Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) determination of need of procumbent;
- (b) provisions limiting participation of Bidders in the bid process;
- (c) the decision of whether or not to enter into negotiations;
- (d) cancellation of a procurement process;
- (e) applicability of the provisions of confidentiality.

(4) Form of Appeal

- (a) An appeal under para (1) or (3) above shall be in the annexed Form along with as many copies as there are respondents in the appeal.

N

- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
- (c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

(5) Fee for filing appeal

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of Scheduled Bank in India payable in the name of Appellate Authority concerned.

(6) Procedure for disposal of appeal

- (a) The first Appellate Authority or Second Appellate Authority as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and document, if any, to the respondents and fix date of hearing.
- (b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall: -
 - (i) hear all the parties to appeal present before him; and
 - (ii) peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause(c) above shall also be placed on the State Public Procurement Portal.

✓

Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act, 2012

Appeal No. of

Before the(first/second Appellate Authority)

1. Particular of appellant:

(i) Name of the appellant:

(ii) Official address, if any:

(iii) Residential address:

2. Name and address of the respondent(s):

(i)

(ii)

(iii)

3. Number and date of the order appealed against and name and designation of the officer/authority who passed the order (enclosed copy, or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:

4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative:

5. Number of affidavits and documents enclosed with the appeal:

6. Ground of appeal :

..... (Supported by an affidavit)

7. Prayer:

.....

Place

Date

Appellant's Signature

N

Additional Conditions of Contract

1. Correction of arithmetical errors

Provided that a Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected.
- ii. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- iii. if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

2. Procuring Entity's Right to Vary Quantities

- (i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage as per RTPP Rules. It shall be without any change in the unit prices or other terms and conditions of the Bid and the conditions of contract.
- (ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.

In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the value of additional quantity shall be as per limit in RTPP rules. This shall be ordered within one month from the date of expiry of last supply. If the Supplier fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

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MANUFACTURER AUTHORIZATION FORM (MAF) CCTV
(To be submitted on OEM Letterhead)

Reference: Bid Ref. No. _____

Tender Name: _____

Date: _____

To,
The Tender Inviting Authority

Subject: Issue of Manufacturer's Authorization Form (MAF)-CCTV & NVR

We, {Name and full address of the OEM}, are an established and reputed **Original Equipment Manufacturer (OEM)** of **CCTV Cameras and Video Surveillance Solutions**.

We hereby authorize M/s {Name and address of the Bidder}, who is our {Authorized Distributor / Channel Partner / System Integrator / Dealer / Others (please specify)}, to participate, bid, negotiate and conclude the contract with your organization against the above-referenced tender for the **CCTV Cameras and related accessories manufactured by us**.

This authorization shall remain valid for the entire **bid validity period, contract period, warranty period** if applicable.

We confirm that the equipment supplied under this tender shall be **new, unused, and genuine**, and we shall extend **complete technical support, warranty support, firmware updates, and backend services** for the full contract duration.

OEM Compliance & Statutory Declarations

We hereby declare and confirm that we meet the following eligibility requirements, and supporting documentary evidence is enclosed: Quality & Compliance Certifications the OEM is **CMMI Level 3 or more** certified and holds valid certifications of:

- ISO 9001 (Quality Management)
- ISO 14001 (Environmental Management)
- ISO 27001 (Information Security Management)
- ISO 45001 (Occupational Health & Safety)

The OEM is a **Full-Time ONVIF Member**.

The OEM products are **UL Certified and GDPR Compliant**.

Make in India & Domestic Manufacturing Declaration

The OEM is **registered in India for a minimum period of ten (05) years** as on the date of bid submission.

The OEM has **manufacturing facilities in India for a minimum period of five (05) years**, in compliance with **Make in India** and **Government of India manufacturing policies**.

The CCTV Cameras offered under this tender are **manufactured in India**, and comply with the **Public Procurement (Preference to Make in India) Order**, as amended from time to time.

STQC Compliance Declaration

The CCTV Cameras proposed under this tender are **STQC Certified / Compliant**, in accordance with the **MeitY / STQC guidelines applicable for CCTV and video surveillance equipment**.

Copies of valid **STQC certificates / compliance documents** for the offered models are enclosed with this authorization.

Commitment & Undertaking

We undertake that:

- In case of **withdrawal of authorization**, discontinuation of product, or change in partnership during the contract period, the OEM shall ensure **uninterrupted warranty, support**, either directly or through an alternate authorized partner, at no additional cost to the Procuring Entity.
- We shall be fully responsible for **product quality, statutory compliance, and after-sales support** throughout the contract period.

For and on behalf of the OEM

Authorized Signatory: _____

Name: _____

Designation: _____

Company Seal: _____

Contact No.: _____

Email ID: _____

A handwritten signature in blue ink, appearing to be a stylized 'N' or a similar character.

**MANUFACTURER AUTHORIZATION FORM (MAF) &
UNDERTAKING - NETWORK SWITCH**
(On OEM Letterhead)

Tender / Bid No.: _____
Date: _____

To,
The Tender Inviting Authority

Subject: MAF & Undertaking for Make in India Compliance – Network Switch

We, {Name & address of the OEM}, hereby undertake that the **Network Switch(es)** offered against the above tender are **manufactured/assembled in India** and comply with the **Public Procurement (Make in India) Order** issued by the Government of India, as amended from time to time.

We confirm that the offered product qualifies as **Class-I / Class-II Local Supplier** (as applicable) with **local content of _____ %.**

We further authorize M/s {Name of Bidder}, our {Authorized Distributor / Channel Partner / System Integrator}, to participate, bid, and supply the above Network Switch (es) against this tender on our behalf.

The products are **new, genuine**, and shall be supported with **OEM warranty and technical support** for the entire contract period.

In case of any false declaration, we understand that the bid/contract is liable for **rejection or termination** as per tender conditions.

Authorized Signatory (OEM)

Name: _____
Designation: _____
Seal & Signature: _____

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