



EASTERN UNIVERSITY, SRI LANKA

BIDDING DOCUMENT

UNDER NATIONAL COMPETITIVE BIDDING PROCEDURE

FOR THE

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Name of the Supplier:.....

Address:.....

Issued By:.....

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Bidding Documents

- 1. Invitation For Bid**
- 2. Volume I**
- 3. Volume II**

EASTERN UNIVERSITY, SRI LANKA

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Bidding Documents

Invitation for Bid

EASTERN UNIVERSITY, SRI LANKA



EASTERN UNIVERSITY, SRI LANKA
Invitation for Bids (IFB)

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

The Chairman Department Procurement Committee on behalf of the Eastern University, Sri Lanka now invites sealed bids from interested eligible and qualified bidders for

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

1. Bidding will be conducted through the National Competitive Bidding Method (NCB).
2. Interested bidders may obtain further information from the Senior Assistant Registrar/General Service Division of EUSL & inspect the bidding documents up to **02.04.2021 from 09.00 hours to 14.00 hour** on working days at General Service Division, EUSL, Vantharumoolai, Chenkalady or downloaded from the website of the EUSL. Telephone Number: 065 - 2241518
3. Qualification & Requirements
 1. Certificate of Business Registration
 2. Evidence to prove for the last two years experience
 3. Bidder should have registered CIDA Registration of EM4 or above - Extra Low Voltage Installations (Data, Telecommunication and Security Systems, Public address systems, Pipe music systems (ELV)).
5. A complete set of Bidding Documents in the English language may be purchased by interested bidders from the Senior Assistant Registrar/General Service Division of EUSL Vantharumoolai, Chenkalady on the submission of a written request along with the receipt for the payment of **Rs. 4,000.00** per each document (Rupees Four thousand only) made as non-refundable fee credited to any branch of the **People's Bank** to the **A/C No. 227-10014000024** in favour of the **"Bursar, Eastern University, Sri Lanka"** The document can also be downloaded from the official website of the EUSL, and pay the non-refundable fee to the bank account of the EUSL
6. Bids in two copies indicate in Original & duplicate, must be delivered to the address given below on or before **2.00 pm on 05.04.2021**. Late bids will be rejected. Bids will

be opened at the address given below soon after closing the time and the date of the bids in the presence of the bidders or their representatives who choose to attend.

7. **Bids shall be valid up to 77 calendar days** from the date of closing of bids. All bids shall be accompanied by a Bid Security for an amount **Rs. 90,000.00** obtained from any Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka. Bid Security shall be valid up to **03.08.2021**

Chairman,
Department Procurement Committee,
Eastern University, Sri Lanka
Vanthrumoolai, Chenkalady
14.03.2021

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Bidding Documents

Volume 1

Section I - Instructions to Bidders

Section VI - Condition of Contract

Section VIII - Contract Forms

EASTERN UNIVERSITY, SRI LANKA

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Bidding Documents

Volume 1

Section I - Instructions to Bidders

EASTERN UNIVERSITY, SRI LANKA

Section I. Instructions to Bidders (ITB)

ITB shall be read in conjunction with the Section II, Bidding Data Sheet (BDS), which shall take precedence over ITB.

General

1. **Scope of Bid**
 - 1.1 The Purchaser **indicated in the Bidding Data Sheet (BDS)**, issues these Bidding Documents for the SUPPLY AND INSTALLATION of Goods and Related Services incidental thereto as specified in Section V, Schedule of Requirements. The name and identification number of this procurement are **specified in the BDS**. The name, identification, and number of lots (individual contracts), if any, are **provided in the BDS**.
 - 1.2 Throughout these Bidding Documents:
 - (a) the term “in writing” means communicated in written form by mail (other than electronic mail) or hand delivered with proof of receipt;
 - (b) if the context so requires, “singular” means “plural” and vice versa; and
 - (c) “day” means calendar day.
2. **Source of Funds**
 - 2.1 Payments under this contract will be financed by the source **specified in the BDS**.
3. **Ethics, Fraud and Corruption**
 - 3.1 The attention of the bidders is drawn to the following guidelines of the Procurement Guidelines published by National Procurement Agency:
 - Parties associated with Procurement Actions, namely, suppliers/contractors and officials shall ensure that they maintain strict confidentiality throughout the process;
 - Officials shall refrain from receiving any personal gain from any Procurement Action. No gifts or inducement shall be accepted. Suppliers/contractors are liable to be disqualified from the bidding process if found offering any gift or inducement which may have an effect of influencing a decision or impairing the objectivity of an official.
 - 3.2 The Purchaser requires the bidders, suppliers, contractors, and consultants to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy:
 - (a) “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;
 - (b) “fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
 - (c) “collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser to establish bid prices at

- artificial, noncompetitive levels; and
- (d) “Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.
- 3.3 If the Purchaser found any unethical practices as stipulated under ITB Clause 3.2, the Purchaser will reject a bid, if it is found that a Bidder directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.
- 4. Eligible Bidders**
- 4.1 All bidders shall possess legal rights to supply the Goods under this contract.
- 4.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:
- (a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents ; or
- (b) Submit more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid.
- 4.3 A Bidder that is under a declaration of ineligibility by the National Procurement Agency (NPA), at the date of submission of bids or at the date of contract award, shall be disqualified. The list of debarred firms is available at the website of NPA, www.npa.gov.lk .
- 4.4 Foreign Bidder may submit a bid only if so stated in the BDS
- 5. Eligible Goods and Related Services**
- 5.1 All goods supplied under this contract shall be complied with applicable standards stipulated by the Sri Lanka Standards Institute (SLSI). In the absence of such standards, the Goods supplied shall be complied to other internationally accepted standards.
- 6. Sections of Bidding Documents**
- 6.1 The Bidding Documents consist of 2 Volumes, which include all the sections indicated below, and should be read in conjunction with any addendum issued in accordance with ITB Clause 8.
- Volume 1
- Section I. Instructions to Bidders (ITB)
 - Section VI. Conditions of Contract (CC)
 - Section VIII. Contract Forms
- Volume 2
- Section II. Bidding Data Sheet (BDS)
 - Section III. Evaluation and Qualification Criteria

- Section IV. Bidding Forms
 - Section V. Schedule of Requirements
 - Section VII. Contract Data
 - Invitation For Bid
- 6.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.
- 7. Clarification of Bidding Documents**
- 7.1 A prospective Bidder requiring any clarification of the Bidding Documents including the restrictiveness of specifications shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received no later than ten (10) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all those who have purchased the Bidding Documents, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause 8.
- 8. Amendment of Bidding Documents**
- 8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.
- 8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have purchased the Bidding Documents.
- 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB Sub-Clause 23.2
- 9. Cost of Bidding**
- 9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 10. Language of Bid**
- 10.1 The Bid, as well as all correspondence and documents relating to the Bid (including supporting documents and printed literature) exchanged by the Bidder and the Purchaser, shall be written in English language.
- 11. Documents Comprising the Bid**
- 11.1 The Bid shall comprise the following:
- (a) Bid Submission Form and the applicable Price Schedules, in accordance with ITB Clauses 12, 14, and 15;
 - (b) Bid Security or Bid-Securing Declaration, in accordance with ITB Clause 20;
 - (c) documentary evidence in accordance with ITB Clauses 18 and 29, that the Goods and Related Services conform to the Bidding Documents;

- (d) documentary evidence in accordance with ITB Clause 18 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and
 - (e) any other document required in the BDS.
12. **Bid Submission Form and Price Schedules** 12.1 The Bidder shall submit the Bid Submission Form using the form furnished in Section IV, Bidding Forms. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.
13. **Alternative Bid** 13.1 Alternative bids shall not be considered.
14. **Bid Prices and Discounts** 14.1 The Bidder shall indicate on the Price Schedule the unit prices and total bid prices of the goods it proposes to supply under the Contract.
- 14.2 Any discount offered against any single item in the price schedule shall be included in the unit price of the item. However, a Bidder wishes to offer discount as a lot the bidder may do so by indicating such amounts appropriately.
- 14.3 If so indicated in ITB Sub-Clause 1.1, bids are being invited for individual contracts (lots) or for any combination of contracts (packages). Unless otherwise indicated in the BDS, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer any price reduction (discount) for the award of more than one Contract shall specify the applicable price reduction separately.
- 14.4 (i) Prices indicated on the Price Schedule shall include all duties and sales and other taxes already paid or payable by the Supplier:
- (a) on components and raw material used in the manufacture or assembly of goods quoted; or
 - (b) on the previously imported goods of foreign origin
- (ii) However, VAT shall not be included in the price but shall be indicated separately;
- (iii) the price for inland transportation, insurance and other related services to deliver the goods to their final destination;
- (v) the price of other incidental services
- 14.5 The Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITB Clause 31
- 14.6 All lots, if any, and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items.
15. **Currencies of Bid** 15.1 Unless otherwise stated in Bidding Data Sheet, the Bidder shall quote in Sri Lankan Rupees and payment shall be payable only in Sri Lanka Rupees.
16. **Documents Establishing the Eligibility of the Bidder** 16.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

17. **Documents Establishing the Conformity of the Goods and Related Services**
- 17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section V, Schedule of Requirements.
- 17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description (given in Section V, Technical Specifications) of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.
- 17.3 The Bidder shall also furnish a list giving full particulars, including quantities, available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period if specified in the BDS following commencement of the use of the goods by the Purchaser.
18. **Documents Establishing the Qualifications of the Bidder**
- 18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:
- (a) A Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods;
 - (b) that, if required in the BDS, in case of a Bidder not doing business within Sri Lanka, the Bidder is or will be (if awarded the contract) represented by an Agent in Sri Lanka equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
 - (c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.
19. **Period of Validity of Bids**
- 19.1 Bids shall remain valid until the date specified in the BDS. A bid valid for a shorter date shall be rejected by the Purchaser as non-responsive.
- 19.2 In exceptional circumstances, prior to the expiration of the bid validity date, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 20, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid

Security or imposing and damages. A Bidder granting the request shall not be required or permitted to modify its bid.

- 20. Bid Security**
- 20.1 The Bidder shall furnish as part of its bid, a Bid Security or a Bid-Securing Declaration, as specified in the BDS.
- 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in Sri Lanka Rupees, and shall:
- (a) at the bidder's option, be in the form of either a bank draft, a letter of credit, or a bank guarantee from a banking institution;
 - (b) be issued by a institution acceptable to Purchaser. The acceptable institutes are published in the NPA website, www.npa.gov.lk.
 - (c) be substantially in accordance with the form included Section IV, Bidding Forms;
 - (d) be payable promptly upon written demand by the Purchaser in case the conditions listed in ITB Clause 20.5 are invoked;
 - (e) be submitted in its original form; copies will not be accepted;
 - (f) remain valid for the period specified in the BDS.
- 20.3 Any bid not accompanied by a substantially responsive Bid Security or Bid Securing Declaration in accordance with ITB Sub-Clause 20.1 and 20.2, may be rejected by the Purchaser as non-responsive.
- 20.4 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security pursuant to ITB Clause 43.
- 20.5 The Bid Security may be forfeited or the Bid Securing Declaration executed:
- (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub-Clause 19.2; or
 - (b) if a Bidder does not agreeing to correction of arithmetical errors in pursuant to ITB Sub-Clause 30.3
 - (c) if the successful Bidder fails to:
 - (i) sign the Contract in accordance with ITB Clause 42;
 - (ii) furnish a Performance Security in accordance with ITB Clause 43.
- 21. Format and Signing of Bid**
- 21.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB Clause 11 and clearly mark it as "ORIGINAL." In addition, the Bidder shall submit a copy of the bid and clearly mark it as "COPY." In the event of any discrepancy between the original and the copy, the original shall prevail.

- 21.2 The original and the Copy of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder.
- 21.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.
- Submission and Opening of Bids
- 22. Submission, Sealing and Marking of Bids**
- 22.1 Bidders may always submit their bids by mail or by hand.
- (a) Bidders submitting bids by mail or by hand, shall enclose the original and the copy of the Bid in separate sealed envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." These envelopes containing the original and the copy shall then be enclosed in one single envelope.
- 22.2 The inner and outer envelopes shall:
- (a) Bear the name and address of the Bidder;
- (b) be addressed to the Purchaser in accordance with ITB Sub-Clause 23.1;
- (c) bear the specific identification of this bidding process as indicated in the BDS; and
- (d) bear a warning not to open before the time and date for bid opening, in accordance with ITB Sub-Clause 26.1.
- If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.
- 23. Deadline for Submission of Bids**
- 23.1 Bids must be received by the Purchaser at the address and no later than the date and time specified in the BDS.
- 23.2 The Purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB Clause 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended only.
- 24. Late Bids**
- 24.1 The Purchaser shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB Clause 23. Any bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.
- 25. Withdrawal, and Modification of Bids**
- 25.1 A Bidder may withdraw, or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 22, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub-Clause 21.2, (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:
- (a) submitted in accordance with ITB Clauses 21 and 22 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be

- clearly marked "WITHDRAWAL," or "MODIFICATION;" and
- (b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 23.
- 25.2 Bids requested to be withdrawn in accordance with ITB Sub-Clause 25.1 shall be returned to the Bidders only upon notification of contract award to the successful bidder in accordance with sub clause 41.1..
- 25.3 No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.
- 26. Bid Opening**
- 26.1 The Purchaser shall conduct the bid opening in public at the address, date and time specified in the BDS.
- 26.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid may be opened at the discretion of the Purchaser. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only envelopes that are opened and read out at Bid opening shall be considered further.
- 26.3 All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the Bid Prices, including any discounts and alternative offers; the presence of a Bid Security or Bid-Securing Declaration, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out at Bid opening shall be considered for evaluation. No Bid shall be rejected at Bid opening except for late bids, in accordance with ITB Sub-Clause 24.1.
- 26.4 The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, or modification; the Bid Price, per lot if applicable, including any discounts, and the presence or absence of a Bid Security or Bid-Securing Declaration. The bids that were opened shall be resealed in separate envelopes, promptly after the bid opening. The Bidders' representatives who are present shall be requested to sign the attendance sheet. A copy of the record shall be distributed to all Bidders who submitted bids in time.
- 27. Confidentiality**
- 27.1 Evaluation and Comparison of Bids
Information relating to the examination, evaluation, comparison, and post-qualification (if applicable) of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.

- 27.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of the bids or contract award decisions may result in the rejection of its Bid.
- 27.3 Notwithstanding ITB Sub-Clause 27.2, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, from the time of bid opening to the time of Contract Award, it should do so in writing.
- 28. Clarification of Bids**
- 28.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, request any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered for purpose of evaluation. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB Clause 30.
- 29. Responsiveness of Bids**
- 29.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.
- 29.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- (a) affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - (b) limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
 - (c) if rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- 29.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.
- 30. Non conformities, Errors, and Omissions**
- 30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.
- 30.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 30.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
- (b) 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
- (c) 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 (a) and (b) above.
- 30.4 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.
- 31. Preliminary Examination of Bids**
- 31.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.
- 31.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the Bid shall be rejected.
- (a) Bid Submission Form, in accordance with ITB Sub-Clause 12.1;
- (b) Price Schedules, in accordance with ITB Sub-Clause 12;
- (c) Bid Security or Bid Securing Declaration, in accordance with ITB Clause 20.
- 32. Examination of Terms and Conditions; Technical Evaluation**
- 32.1 The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the CC and the Contract Data have been accepted by the Bidder without any material deviation or reservation.
- 32.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with ITB Clause 17, to confirm that all requirements specified in Section V, Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.
- 32.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive in accordance with ITB Clause 29, the Purchaser shall reject the Bid.
- 33. Conversion to Single Currency**
- 33.1 If the bidders are allowed to quote in foreign currencies in Single with sub clause 15.1, for evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in foreign currencies in to Sri Lankan Rupees using the selling rates prevailed 28 days prior to closing of bids as published by the Central Bank of Sri Lanka. If this date falls on a public holiday the earliest working day prior to the date shall be applicable.

34. **Domestic Preference** 34.1 Domestic preference shall be a factor in bid evaluation only if stated in the BDS. If domestic preference shall be a bid- evaluation factor, the methodology for calculating the margin of preference and the criteria for its application shall be as specified in Section III, Evaluation and Qualification Criteria.
35. **Evaluation of Bids** 35.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- 35.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in this ITB Clause 35.
- 35.3 To evaluate a Bid, the Purchaser shall consider the following:
- (a) the Bid Price as quoted in accordance with clause 14;
 - (b) price adjustment for correction of arithmetic errors in accordance with ITB Sub-Clause 30.3;
 - (c) price adjustment due to discounts offered in accordance with ITB Sub-Clause 14.2; and 14.3
 - (d) adjustments due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section III, Evaluation and Qualification Criteria;
 - (e) adjustments due to the application of a domestic preference, in accordance with ITB Clause 34 if applicable.
- 35.5 If so specified in the BDS, these Bidding Documents shall allow Bidders to quote for one or more lots, and shall allow the Purchaser to award one or multiple lots to more than one Bidder. The methodology of evaluation to determine the lowest-evaluated lot combinations, is specified in Section III, Evaluation and Qualification Criteria.
36. **Comparison of Bids** 36.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35.
37. **Post qualification of the Bidder** 37.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily.
- 37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 18.
- 37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
38. **Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids** 38.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.
39. **Award Criteria** 39.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the

		Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
40. Purchaser's Right to Vary Quantities at Time of Award	40.1	At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section V, Schedule of Requirements, provided this does not exceed twenty five percent (25%) or one unit whichever is higher and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
41. Notification of Award	41.1	Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted.
	41.2	Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.
	41.3	Upon the successful Bidder's furnishing of the signed Contract Form and performance security pursuant to ITB Clause 43, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 20.4.
42. Signing of Contract	42.1	Within Seven (7) days after notification, the Purchaser shall complete the Agreement, and inform the successful Bidder to sign it.
	42.2	Within Seven (7) days of receipt of such information, the successful Bidder shall sign the Agreement.
43. Performance Security	43.1	Within fourteen (14) days of the receipt of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the CC, using for that purpose the Performance Security Form included in Section VIII Contract forms. The Employer shall promptly notify the name of the winning Bidder to each unsuccessful Bidder and discharge the Bid Securities of the unsuccessful bidders pursuant to ITB Sub-Clause 20.4.
	43.2	Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or execution of the Bid- Securing Declaration. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.
44. Corrections to BID Documents	44.1	Erroneous figures must be struck off by a single line and the correct figure must be written clearly and initialed. All alterations and erasures must be authenticated; otherwise, the bids are liable to be treated as invalid and rejected. Ink should not be used for corrections.
45. Retention money	45.1	Retention Money: The amount of the retention is 5% on the contract value Release of retention money: After the effects liability period /Warranty period of twelve month.

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Bidding Documents

Volume 1

Section VI - Conditions of Contract

EASTERN UNIVERSITY, SRI LANKA

Section VI - Conditions of Contract (CC)

1. **Definitions** 1.1 The following words and expressions shall have the meanings hereby assigned to them:
- (a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
 - (b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.
 - (c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
 - (d) "Day" means calendar day.
 - (e) "Completion" means the fulfillment of the supply of Goods to the destination specified and completion of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
 - (f) "CC" means the Conditions of Contract.
 - (g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
 - (h) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the Contract Data.
 - (i) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
 - (j) "Subcontractor" means any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
 - (k) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
 - (l) "The Project Site," where applicable, means the place named in the Contract Data.
2. **Contract Documents** 2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read

- as a whole.
- 3. Fraud and Corruption**
- 3.1 The Government of Sri Lanka requires the Purchaser as well as bidders, suppliers, contractors, and consultants to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy:
- (i) “corrupt practice” means offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;
 - (ii) “fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
 - (iii) “collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser to establish bid prices at artificial, noncompetitive levels; and
 - (iv) “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.
- 4. Interpretation**
- 4.1 If the context so requires it, singular means plural and vice versa.
- 4.2 Entire Agreement
The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.
- 4.3 Amendment
No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.
- 4.4 Severability
If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
- 5. Language**
- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.

- 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.
6. **Joint Venture, Consortium or Association** 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.
7. **Eligibility** 7.1 All goods supplied under this contract shall be complied with applicable standards stipulated by the Sri Lanka Standards Institute. In the absence of such standards, the Goods supplied shall be complied to other internationally accepted standards, such as British Standards.
8. **Notices** 8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the Contract Data. The term “in writing” means communicated in written form with proof of receipt.
8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
9. **Governing Law** 9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Democratic Socialist Republic of Sri Lanka.
10. **Settlement of Disputes** 10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the Arbitration Act No: 11 of 1995.
10.3 Notwithstanding any reference to arbitration herein,
(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
(b) the Purchaser shall pay the Supplier any monies due the Supplier.
11. **Scope of supply and installation** 11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
12. **Delivery and Documents** 12.1 Subject to CC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. Where applicable the details of shipping and other documents to be furnished by the Supplier are specified in the Contract Data.

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| 13. Supplier's Responsibilities | 13.1 | The Supplier shall supply all the Goods and Related Services included in the Scope of supply in accordance with CC Clause 11, and the Delivery and Completion Schedule, as per CC Clause 12. |
| 14. Contract Price | 14.1 | Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid. |
| 15. Terms of Payment | 15.1 | The Contract Price shall be paid as specified in the Contract Data. |
| | 15.2 | The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to CC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract. |
| | 15.3 | Payments shall be made promptly by the Purchaser, but in no case later than twenty eight (28) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it. |
| 16. Taxes and Duties | 16.1 | The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser. |
| 17. Performance Security | 17.1 | If required as specified in the Contract Data, the Supplier shall, within fourteen (14) days of the notification of contract award, provide a performance security of Ten percent (10%) of the Contract Price for the performance of the Contract. |
| | 17.2 | The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract. |
| | 17.3 | As specified in the Contract Data, the Performance Security, if required, shall be in Sri Lanka Rupees and shall be in the format stipulated by the Purchaser in the Contract Data, or in another format acceptable to the Purchaser. |
| | 17.4 | The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations. |
| 18. Copyright | 18.1 | The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party. |
| 19. Confidential Information | 19.1 | The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking |

of confidentiality similar to that imposed on the Supplier under CC Clause 19.

- 19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.
- 19.3 The above provisions of CC Clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the supply or any part thereof.
- 19.4 The provisions of CC Clause 19 shall survive completion or termination, for whatever reason, of the Contract.
- 20. Sub-contracting**
- 20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
- 20.2 Subcontracts shall comply with the provisions of CC Clauses 3 and 7.
- 21. Specifications and Standards**
- 21.1 Technical Specifications and Drawings
- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with CC Clause 32.
- 22. Packing and Documents**
- 22.1 The Supplier shall pack the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.
- 23. Insurance**
- 23.1 Unless otherwise specified in the Contract Data, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery.
- 24. Transportation**
- 24.1 Unless otherwise specified in the Contract Data, responsibility for arranging transportation of the Goods shall be a

responsibility of the supplier.

25. Inspections and Tests

- 25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the Contract Data.
- 25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place as specified in the Contract Data. Subject to CC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.
- 25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in CC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
- 25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.
- 25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to CC Sub-Clause 25.4.
- 25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to CC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the

Contract.

- 26. Liquidated Damages**
- 26.1 Except as provided under CC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the Contract Data of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those Contract Data. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to CC Clause 34.
- 27. Warranty**
- 27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 27.2 Subject to CC Sub-Clause 21.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 27.3 Unless otherwise specified in the Contract Data, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract Data.
- 27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the Contract Data, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the Contract Data, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 28. Patent Indemnity**
- 28.1 The Supplier shall, subject to the Purchaser's compliance with CC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:
- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

- (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in CC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and

- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement

30. Change in Laws and Regulations

30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Sri

- Lanka that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with CC Clause 14.
- 31. Force Majeure**
- 31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 32. Change Orders and Contract Amendments**
- 32.1 The Purchaser may at any time order the Supplier through notice in accordance CC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
 - (b) the method of shipment or packing;
 - (c) the place of delivery; and
 - (d) the Related Services to be provided by the Supplier.
- 32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.
- 32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
- 32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
- 33. Extensions of**
- 33.1 If at any time during performance of the Contract, the

Time

Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to CC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

33.2 Except in case of Force Majeure, as provided under CC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to CC Clause 26, unless an extension of time is agreed upon, pursuant to CC Sub-Clause 33.1.

34. Termination

34.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to CC Clause 33;

(ii) if the Supplier fails to perform any other obligation under the Contract; or

(iii) if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in CC Clause 3, in competing for or in executing the Contract.

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to CC Clause 34.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

34.3 Termination for Convenience.

(a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time

for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
 - (i) to have any portion completed and delivered at the Contract terms and prices; and/or
 - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

- 35. **Assignment** 35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.
- 36. **Retention money** 36.1 Retention Money: The amount of the retention is 5% on the contract value Release of retention money: After the effects liability period /Warranty period of twelve month.
- 37 **Sample of the Item** 37.1 The bidders should be prepared to provide samples of items (without applying dye/staining/waxing) if requested by the University for further evaluation. All the items supply under the purview of this procurement should strictly be confirmed the quality of the sample and the specifications.

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Bidding Documents

Volume 1

Section VIII - Contract Forms

- 1. Contract Agreement**
- 2. Performance Security**
- 3. Guarantee for Advance Payment**

EASTERN UNIVERSITY, SRI LANKA

Section VIII- Contract Forms

Contract Agreement

THIS CONTRACT AGREEMENT is made

the [insert: number] day of [insert: month], [insert: year].

BETWEEN

- (1) [insert complete name of Purchaser], a [insert description of type of legal entity, for example, an agency of the Ministry of or corporation and having its principal place of business at [insert address of Purchaser] (hereinafter called "the Purchaser"), and
- (2) [insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at [insert: address of Supplier] (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., [insert brief description of Goods and Services] and has accepted a Bid by the Supplier for the SUPPLY AND INSTALLATION of those Goods and Services in the sum of [insert Contract Price in words and figures, expressed in the Contract currency(ies)] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:
 - (a) This Contract Agreement
 - (b) Contract Data
 - (c) Conditions of Contract
 - (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)
 - (e) The Supplier's Bid and original Price Schedules
 - (f) The Purchaser's Notification of Award
 - (g) [Add here any other document(s)]
3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.
4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *Democratic Socialist Republic of Sri Lanka* on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*

In the capacity of *[insert title or other appropriate designation]* in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*

In the capacity of *[insert title or other appropriate designation]*

In the presence of *[insert identification of official witness]*

Performance Security

[The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

----- *[Issuing Agency's Name, and Address of Issuing Branch or Office]* -----

***Beneficiary: Vice Chancellor, Eastern University, Sri Lanka**

Date: -----

PERFORMANCE GUARANTEE No.: -----

We have been informed that ----- *[name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. ----- *[reference number of the contract]* dated----- with you, for the ----- SUPPLY AND INSTALLATION of ----- *[name of contract and brief description]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Supplier, we ----- *[name of Agency]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- *[amount in figures]* (-----) *[amount in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the day of, 20.. *[insert date, 28 days beyond the scheduled completion date including the warranty period]* and any demand for payment under it must be received by us at this office on or before that date.

[signature(s)]

Guarantee for Advance Payment

[The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

Date: *[insert date (as day, month, and year) of Bid Submission]*

ICB No. and title: *[insert number and title of bidding process]*

[Issuing agency's letterhead]

***Beneficiary: Vice Chancellor, Eastern University, Sri Lanka**

ADVANCE PAYMENT GUARANTEE No.: *[insert Advance Payment Guarantee no.]* We, *[insert legal name and address of issuing agency]*, have been informed that *[insert complete name and address of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert date of Agreement]* with you, for the SUPPLY AND INSTALLATION of *[insert types of Goods to be delivered]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance is to be made against an advance payment guarantee.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount(s)⁵⁰ in figures and words]* upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier on its account *[insert number and domicile of the account]*

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[insert date⁵¹]*.

[signature(s) of authorized representative(s) of the issuing agency]

⁵⁰The bank shall insert the amount(s) specified in the CONTRACT DATA and denominated, as specified in the CONTRACT DATA, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Purchaser.

⁵¹Insert the Delivery date stipulated in the Contract Delivery Schedule. The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee. In preparing this Guarantee, the Purchaser might consider adding the following text to the Form, at the end of the penultimate paragraph: "We agree to a one-time extension of this Guarantee for a period not to exceed [six months][one year], in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee."

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA, SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

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Eastern University, Sri Lanka

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Bidding Documents

Volume 11

Section II - Bidding Data Sheet

EASTERN UNIVERSITY, SRI LANKA

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: Eastern University, Sri Lanka(EUSL)
ITB 1.1	The name and identification number of the Contract are: SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM, EASTERN UNIVERSITY SRI LANKA PROCUREMENT No.: EUSL/GSD/Vs/2021
ITB 2.1	The source of funding is: Government of Sri Lanka
ITB 4.4	Foreign bidders <i>are not allowed to participate in bidding.</i>
	B. Contents of Bidding Documents
ITB 7.1	For Clarification of bid purposes only, the Purchaser's address is: Attention: Senior Assistant Registrar General Service Division Eastern University, Sri Lanka Vantharumoolai Chenkalady Tel. 065 - 2241518 Fax.065 - 2240730 The purchaser will response in writing to any request for clarification, provided that such request is received no later than three working days prior to the deadline for submission of Bid. Clarification in writing will only be provided to those who have collected bid document
	C. Preparation of Bids
ITB 11.1 (e)	The Bidder shall submit the following additional documents: Document to prove the Qualification requested in IFB. <ol style="list-style-type: none"> 1. Copy of Business Registration 2. Evidence to prove for the last two years experience 3. Copy of CIDA EM4 Registration 4. Copies of Financial Statements for last three years. 5. Evidence to prove the experience in the sale of quoted brand CCTV and Active devices for at least 3-years in Sri Lanka. 6. Copy of Product Certification(ISO9001:2008/IP67/IK10,UL)

ITB 14.3	The bidders may quote to SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM, EASTERN UNIVERSITY SRI LANKA		
	Description of Goods	Quantity	Unit
	Senate Building(Senate Building+ Main Entrance + Main hall_inside+ focus to fine arts & Audit branch + Botany Entrance)		
	Data cabling & casing with fitting_Type1	17	Points
	Cat 6 UTP Cable	950(approx)	meter
	Cat6 UTP Patch panel(24-port)	01	No
	Cable Management bar	01	No
	Cat6 Patch Cords (0.5 m)	28	Nos
	Cat6 Keystone jack	16	Nos
	Face Plate with shutter	16	Nos
	Flush Accessory Box	16	Nos
	L2 Managed Switch-24 Port(PoE)	01	No
	L2 Managed Switch-8 Port(PoE)	01	No
	Wall Mounted Equipment Cabinet_12U	01	No
	UPS-2 KvA_online	01	No
	IP-Camera- Bullet Type_1	07	Nos
	IP-Camera- Bullet Type_2	03	Nos
	IP-Camera- Dome Type	06	Nos
	16-Channel-Network Video Recorder(NVR)	01	No
	Surge Protector	08	Nos
	Sun Rain Shade Protective Roof for Outdoor cameras	02	Nos
	Display	01	No
	Agriculture Farm(Crop)		
	Data cabling & casing with fitting_Type2	06	Points
	Cat 6 UTP Cable	500(approx)	meter
	Cat6 UTP Patch panel(8-port)	01	No
	Cable Management bar	01	No
	Cat6 Patch Cords (0.5 m)	08	Nos
	Cat6 Keystone jack	04	Nos
	Face Plate with shutter	04	Nos
	Flush Accessory Box	04	Nos
	L2 Managed Switch-8 Port(PoE)	01	No

Wall Mounted Equipment Cabinet_12U	01	No
UPS-2 KvA_online	01	No
IP-Camera- Bullet Type_1	04	Nos
8-Channel-Network Video Recorder(NVR)	01	No
Surge Protector	04	Nos
Outdoor Pole	01	No
Outdoor box	04	Nos
Sun Rain Shade Protective Roof for Outdoor cameras	04	Nos
Agriculture Farm(Animal)		
Data cabling & casing with fitting_Type2	06	Points
Cat 6 UTP Cable	450(approx)	meter
Cat6 UTP Patch panel(8-port)	01	No
Cable Management bar	01	No
Cat6 Patch Cords (0.5 m)	08	Nos
Cat6 Keystone jack	04	Nos
Face Plate with shutter	04	Nos
Flush Accessory Box	04	Nos
L2 Managed Switch-8 Port(PoE)	01	No
Wall Mounted Equipment Cabinet_12U	01	No
UPS-2 KvA_online	01	No
IP-Camera- Bullet Type_1	04	Nos
8-Channel-Network Video Recorder(NVR)	01	No
Surge Protector	04	Nos
Outdoor Pole	01	No
Outdoor box	04	Nos
Sun Rain Shade Protective Roof for Outdoor cameras	04	Nos
Supplies Branch and Focus to canteen & carpenter workshop area		
Data cabling & casing with fitting_Type1	07	Points
Cat 6 UTP Cable	480(approx)	meter
Cat6 UTP Patch panel(8-port)	01	No
Cable Management bar	01	No
Cat6 Patch Cords (0.5 m)	10	Nos
Cat6 Keystone jack	05	Nos
Face Plate with shutter	05	Nos
Flush Accessory Box	05	Nos
L2 Managed Switch-8 Port(PoE)	01	No
Wall Mounted Equipment	01	No

Cabinet_12U		
UPS-2 KvA_online	01	No
IP-Camera- Bullet Type_1	03	Nos
IP-Camera- Dome Type	02	Nos
8-Channel-Network Video Recorder(NVR)	01	No
Surge Protector	03	Nos
Sun Rain Shade Protective Roof for Outdoor cameras	03	Nos
CICT(CICT Laboratory+ Main Entrance_Hostal side+ Science Complex +DELT building +Faculty of arts and culture + Faculty of commerce and Mgt)		
Data cabling & casing with fitting_Type1	46	Points
Data cabling & casing with fitting_Type2	04	Point
Cat 6 UTP Cable	3000(approx)	meter
Cat6 UTP Patch panel(24-port)	01	Nos
Cat6 UTP Patch panel(8-port)	02	Nos
Cable Management bar	02	No
Cat6 Patch Cords (0.5 m)	90	Nos
Cat6 Keystone jack	49	Nos
Face Plate with shutter	49	Nos
Flush Accessory Box	49	Nos
L2 Managed Switch-24 Port(PoE)	01	No
L2 Managed Switch-8 Port(PoE)	03	Nos
IP-Camera- Bullet Type_1	12	Nos
IP-Camera- Bullet Type_2	03	Nos
IP-Camera- Dome Type	34	Nos
64-Channel-Network Video Recorder(NVR)	01	No
Surge Protector	11	Nos
Outdoor Pole	02	Nos
Outdoor box	04	Nos
Sun Rain Shade Protective Roof for Outdoor cameras	04	Nos
Display	01	No
Men's hostel junction		
Data cabling & casing with fitting_Type2	06	Points
Cat 6 UTP Cable	260(approx)	meter
Cat6 UTP Patch panel(8-port)	01	No
Cable Management bar	01	No
Cat6 Patch Cords (0.5 m)	08	Nos
Cat6 Keystone jack	04	Nos
Face Plate with shutter	04	Nos

	Flush Accessory Box	04	Nos
	L2 Managed Switch-8 Port(PoE)	01	No
	Wall Mounted Equipment Cabinet_12U	01	No
	UPS-2 KVA_online	01	No
	IP-Camera- Bullet Type_1	04	Nos
	8-Channel-Network Video Recorder(NVR)	01	No
	Surge Protector	04	Nos
	Outdoor Pole	01	No
	Outdoor box	04	Nos
	Sun Rain Shade Protective Roof for Outdoor cameras	04	Nos
	Women's hostel junction		
	Data cabling & casing with fitting_Type2	05	Points
	Cat 6 UTP Cable	210(approx)	meter
	Cat6 UTP Patch panel(8-port)	01	No
	Cable Management bar	01	No
	Cat6 Patch Cords (0.5 m)	06	Nos
	Cat6 Keystone jack	03	Nos
	Face Plate with shutter	03	Nos
	Flush Accessory Box	03	Nos
	L2 Managed Switch-8 Port(PoE)	01	No
	Wall Mounted Equipment Cabinet_12U	01	No
	UPS-2 KVA_online	01	No
	IP-Camera- Bullet Type_1	03	Nos
	8-Channel-Network Video Recorder(NVR)	01	No
	Surge Protector	03	Nos
	Outdoor Pole	01	No
	Outdoor box	03	Nos
	Sun Rain Shade Protective Roof for Outdoor cameras	03	Nos
	The bidder may quote the above mentioned minimum quantities:		
	<p>1. Bidders are required to quote for all the items mentioned above to quality Accordingly, only the bidders who quote for all the items mentioned above will be considered during evaluation. Bids of those bidders who have not quoted for any one of the items mentioned above will not be considered for evaluation.</p> <p>2. Refer to Technical specification in Section V</p>		
ITB 15.1	The Bidder shall quote: Sri Lankan Rupees only. (LKR)		
ITB 17.3	Period of time the Goods are expected to be functioning for a minimum Five years		

ITB 18.1 (b)	After sales service is: Required
ITB 19.1	Bids shall be valid up to 77 calendar days from the date of closing of bids.
ITB 20.1	The bid shall include a Bid Security (issued by a commercial bank registered in Sri Lanka) included in Section IV Bidding Forms
ITB 20.2	The amount of the Bid Security shall be: Rs.90,000.00 Valid up to 03.08.2021
-	D. Submission and Opening of Bids
ITB 22.2 (c)	The inner and outer envelopes shall bear the following identification marks: SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM, EASTERN UNIVERSITY SRI LANKA PROCUREMENT No.: EUSL/GSD/VIS/2021
ITB 23.1	For bid submission purposes, the Purchaser's address is: Address: The Chairman Department Procurement Committee Eastern University, Sri Lanka Vantharumoolai Chenkalady Tel. 0652240531 Fax. 0652240549 The deadline for the submission of bids is: Date: 05.04.2021 Time: 2.00 pm
ITB 26.1	The bid opening shall take place at: Address: The Board Room Eastern University, Sri Lanka (EUSL), Vantharumoolai Chenkalady Time: <i>Immediately after the bid closing time of 2.00 pm of same date</i>
	E. Evaluation and Comparison of Bids
ITB 34.1	Domestic preference <i>shall not</i> be a bid evaluation factor.
ITB 35.3(d)	The final price of the Price Schedule will be considered as the Bid Price (Subject to any adjustment if required)
ITB 35.4	The following factors and methodology will be used for evaluation: Refer the Section 111 of this Document

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM,
EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

Bidding Documents

Volume 11

**Section III
Evaluation and Qualification Criteria**

EASTERN UNIVERSITY, SRI LANKA

Section 111 – Evaluation and Qualification Criteria

1. Evaluation Criteria (ITB 35.3 (d))

The Purchaser's evaluation of a bid may take into account, in addition to the Bid Price quoted in accordance with ITB Clause 14, one or more of the following factors as specified in ITB Sub Clause 35.3(d) and in BDS referring to ITB 35.3(d), using the following criteria and methodologies.

(a) Delivery schedule

The goods covered under this invitation are required to be supplied, installed and commissioned within the delivery period specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this period will be treated as non-responsive.

(b) Deviation in payment schedule

Bidders shall state their bid price for the payment schedule outlined in the Contract Data. Bids shall be evaluated on the basis of this base price. Bidders are not permitted to state an alternative payment schedule.

2. Evaluation Criteria (ITB 35.4)

This Section compliments the Instruction to Bidders. It contains the criteria that the purchaser uses to evaluate a bid and determine whether a Bidder has the required qualifications.

The qualified bidders will be evaluated on the following criteria

1. Fully compliance with technical specification & all other bidding conditions
2. Fully compliance with the mandatory item in the specification
3. Bidder should submit a copy of the Business Registration certificate
4. All the Cameras and NVR must carry Three (03) years comprehensive onsite manufactures warranty.
5. All the LAN Active Devices (Switches) must carry Five (5) years onsite comprehensive manufacturer's warranty.
6. Bidder must attach the Manufacturer's Authorization Letter direct from the manufacture for Cameras and NVR.
7. Bidder must attach Manufacturer's Authorization Letter direct from the manufacture for LAN active devices(switches)
8. Bidder must attach Manufacturer's Authorization Letter from the manufacture or dealer for Passive devices(UTP cable, Keystone, etc)
9. Bidder should submit drawings after the Completion of work and UTP certification.
10. UTP cable, UTP patch code and Keystone must be same in brand
11. Bidder should submit Three (3) document evidence(purchase order) similar nature project for the last two (2) years

12. Bidder should have registered CIDA Registration of EM4 or above - Extra Low Voltage Installations (Data, Telecommunication and Security Systems, Public address systems, Pipe music systems (ELV)).
13. Support must be 24x7x365 bidder should mention their hotline to support. Break down attended must be NEXT BUSINESS DAY.

3. Multiple Contracts (ITB 35.5)

The Purchaser shall

- (a) Evaluate total items specified in ITB.14.3 as a single lot.
- (b) Take into account the lowest-evaluated bid for the lot

4. Post qualification Requirements (ITB 37.2)

After determining the lowest-evaluated bid in accordance with ITB Sub-Clause 36.1, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 37, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

- (a) Bids will be rejected as non-responsive if documentary evidence in proof of the above has not been provided.

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Bid Submission Form

[The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:

No.:

To:

The Chairman,

Department Procurement Committee, EUSL

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.:
.....*[insert the number and issuing date of each Addenda]*;
- (b) We offer to SUPPLY AND INSTALLATION in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods
..... *[* insert a brief description of the Goods and Related Services]*;
- (c) The total price of our Bid without VAT, including any discounts offered is:
..... *[insert the total bid price in words and figures]*;
- (d) The total price of our Bid including VAT, and any discounts offered is:
..... *[insert the total bid price in words and figures]*;
- (e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 18.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 43 and CC Clause 17 for the due performance of the Contract;
- (g) We have no conflict of interest in accordance with ITB Sub-Clause 4.3;
- (h) Our firm, its affiliates or subsidiaries – including any subcontractors or suppliers for any part of the contract – has not been declared blacklisted by the Department of public Finance of the General Treasury of Sri Lanka.
- (k) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (l) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed:

In the capacity of

Name:

Duly authorized to sign the bid for and on behalf of:

.....

Dated on _____ day of _____, _____ *[insert date of signin*

Price Schedule

Item No.	Description	Units (A)	Unit Price (Rs.) (B)	Total Price (Rs.) (C) (A X B)	Discount (Rs.) (D)	Total Price after Discount (E) (C -D)	VAT & any others taxes if applicable (Please Specify) (Rs.) (F)	Final Price (Rs.) (G) (E+F)
S. No	Items	Qty.						
Senate Building(Senate Building+ Main Entrance + Main hall_inside+ focus to fine arts & Audit branch + Botany Entrance)								
1	Data cabling & casing with fitting_Type1	17						
2	Cat 6 UTP Cable	950(approx)						
3	Cat6 UTP Patch panel(24-port)	01						
4	Cable Management bar	01						
5	Cat6 Patch Cords (0.5 m)	28						
6	Cat6 Keystone jack	16						
7	Face Plate with shutter	16						
8	Flush Accessory Box	16						
9	L2 Managed Switch-24 Port(PoE)	01						

10	L2 Managed Switch-8 Port(PoE)	01						
11	Wall Mounted Equipment Cabinet_12U	01						
12	UPS-2 KVA_online	01						
13	IP-Camera- Bullet Type_1	07						
14	IP-Camera- Bullet Type_2	03						
15	IP-Camera- Dome Type	06						
16	16-Channel-Network Video Recorder(NVR)	01						
17	Surge Protector	08						
18	Sun Rain Shade Protective Roof for Outdoor cameras	02						
19	Display	01						
Agriculture Farm(Crop)								
20	Data cabling & casing with fitting_Type2	06						
21	Cat 6 UTP Cable	500(approx)						
22	Cat6 UTP Patch panel(8-port)	01						
23	Cable Management bar	01						
24	Cat6 Patch Cords (0.5 m)	08						

25	Cat6 Keystone jack	04						
26	Face Plate with shutter	04						
27	Flush Accessory Box	04						
28	L2 Managed Switch-8 Port(PoE)	01						
29	Wall Mounted Equipment Cabinet_12U	01						
30	UPS-2 KVA_online	01						
31	IP-Camera- Bullet Type_1	04						
32	8-Channel-Network Video Recorder(NVR)	01						
33	Surge Protector	04						
34	Outdoor Pole	01						
35	Outdoor box	04						
36	Sun Rain Shade Protective Roof for Outdoor cameras	04						
Agriculture Farm(Animal)								
37	Data cabling & casing with fitting_Type2	06						
38	Cat 6 UTP Cable	450(approx)						
39	Cat6 UTP Patch panel(8-port)	01						

40	Cable Management bar	01						
41	Cat6 Patch Cords (0.5 m)	08						
42	Cat6 Keystone jack	04						
43	Face Plate with shutter	04						
44	Flush Accessory Box	04						
45	L2 Managed Switch-8 Port(PoE)	01						
46	Wall Mounted Equipment Cabinet_12U	01						
47	UPS-2 KVA_online	01						
48	IP-Camera- Bullet Type_1	04						
49	8-Channel-Network Video Recorder(NVR)	01						
50	Surge Protector	04						
51	Outdoor Pole	01						
52	Outdoor box	04						
53	Sun Rain Shade Protective Roof for Outdoor cameras	04						
Supplies Branch and Focus to canteen & carpenter workshop area								
54	Data cabling & casing with fitting_Type1	07						
55	Cat 6 UTP Cable	480(approx)						

56	Cat6 UTP Patch panel(8-port)	01						
57	Cable Management bar	01						
58	Cat6 Patch Cords (0.5 m)	10						
59	Cat6 Keystone jack	05						
60	Face Plate with shutter	05						
61	Flush Accessory Box	05						
62	L2 Managed Switch-8 Port(PoE)	01						
63	Wall Mounted Equipment Cabinet_12U	01						
64	UPS-2 KVA_online	01						
65	IP-Camera- Bullet Type_1	03						
66	IP-Camera- Dome Type	02						
67	8-Channel-Network Video Recorder(NVR)	01						
68	Surge Protector	03						
69	Sun Rain Shade Protective Roof for Outdoor cameras	03						
CICT(CICT Laboratory+ Main Entrance_Hostal side+ Science Complex +DELT building +Faculty of arts and culture + Faculty of commerce and Mgt)								
70	Data cabling & casing with	46						

	fitting_Type1							
71	Data cabling & casing with fitting_Type2	04						
72	Cat 6 UTP Cable	3000(approx)						
73	Cat6 UTP Patch panel(24-port)	01						
74	Cat6 UTP Patch panel(8-port)	02						
75	Cable Management bar	02						
76	Cat6 Patch Cords (0.5 m)	90						
77	Cat6 Keystone jack	49						
78	Face Plate with shutter	49						
79	Flush Accessory Box	49						
80	L2 Managed Switch-24 Port(PoE)	01						
81	L2 Managed Switch-8 Port(PoE)	03						
82	IP-Camera- Bullet Type_1	12						
83	IP-Camera- Bullet Type_2	03						
84	IP-Camera- Dome Type	34						
85	64-Channel-Network Video Recorder(NVR)	01						
86	Surge Protector	11						

87	Outdoor Pole	02						
88	Outdoor box	04						
89	Sun Rain Shade Protective Roof for Outdoor cameras	04						
90	Display	01						
Men's hostel junction								
91	Data cabling & casing with fitting_Type2	06						
92	Cat 6 UTP Cable	260(approx)						
93	Cat6 UTP Patch panel(8-port)	01						
94	Cable Management bar	01						
95	Cat6 Patch Cords (0.5 m)	08						
96	Cat6 Keystone jack	04						
97	Face Plate with shutter	04						
98	Flush Accessory Box	04						
99	L2 Managed Switch-8 Port(PoE)	01						
100	Wall Mounted Equipment Cabinet_12U	01						
101	UPS-2 KVA_online	01						
102	IP-Camera- Bullet Type_1	04						

103	8-Channel-Network Video Recorder(NVR)	01						
104	Surge Protector	04						
105	Outdoor Pole	01						
106	Outdoor box	04						
107	Sun Rain Shade Protective Roof for Outdoor cameras	04						
Women's hostel junction								
108	Data cabling & casing with fitting_Type2	05						
109	Cat 6 UTP Cable	210(approx)						
110	Cat6 UTP Patch panel(8-port)	01						
111	Cable Management bar	01						
112	Cat6 Patch Cords (0.5 m)	06						
113	Cat6 Keystone jack	03						
114	Face Plate with shutter	03						
115	Flush Accessory Box	03						
116	L2 Managed Switch-8 Port(PoE)	01						
117	Wall Mounted Equipment Cabinet_12U	01						
118	UPS-2 KvA_online	01						

119	IP-Camera- Bullet Type_1	03						
120	8-Channel-Network Video Recorder(NVR)	01						
121	Surge Protector	03						
122	Outdoor Pole	01						
123	Outdoor box	03						
124	Sun Rain Shade Protective Roof for Outdoor cameras	03						
Total								

Summary

Description	Total Price (Excluding VAT)
SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM, EASTERN UNIVERSITY SRI LANKA	

Note:

Unit price means selling price + Cost of Delivery and installation at the University premises.

Amount in words.....

.....

Date:

.....

Signature
Rubber Stamp

Optional – Annual service agreement charge (After warranty period of 3 years) for NVR and Camera

Charge per year (Rs.) - it should include onsite maintenance, troubleshooting and necessary additional services **except charges for replacement of Parts**

No	Item	Qty	Year	Charge per year (Rs.)
1	IP-Camera- Bullet Type_1	01	4 th Year	
			5 th Year	
2	IP-Camera- Bullet Type_2	01	4 th Year	
			5 th Year	
3	IP-Camera- Dome Type	01	4 th Year	
			5 th Year	
4	8-Channel-Network Video Recorder(NVR)	01	4 th Year	
			5 th Year	
5	16-Channel-Network Video Recorder(NVR)	01	4 th Year	
			5 th Year	
6	64-Channel-Network Video Recorder(NVR)	01	4 th Year	
			5 th Year	

Date:

.....

Signature
Rubber Stamp

Guarantee / Bid Bond

[Note: the purchaser is required to fill the information marked as "*" and delete this note prior to selling of the bidding document]

[this Bank Guarantee form shall be filled in accordance with the instructions indicated in brackets]

----- [insert issuing agency's name, and address of issuing branch or office] -----

***Beneficiary:** ----- [name and address of Purchaser]

Date: ----- [insert (by issuing agency) date]

BID GUARANTEE No.: ----- [insert (by issuing agency) number]

We have been informed that ----- [insert (by issuing agency) name of the Bidder; if a joint venture, list complete legal names of partners] (hereinafter called "the Bidder") has submitted to you its bid dated ----- [insert (by issuing agency) date](hereinafter called "the Bid") for the SUPPLY AND INSTALLATION of [insert name of Supplier] under Invitation for Bids No. ----- [insert IFB number] ("the IFB").

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we ----- [insert name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of - ----- [insert amount in figures] ----- [insert amount in words]) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to ----- (insert date)

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date. _____

[signature(s) of authorized representative(s)]

**SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE
SYSTEM, EASTERN UNIVERSITY SRI LANKA**

PROCUREMENT No.: EUSL/GSD/VS/2021

**Section V
Schedule of Requirements**

Contents

- 1. List of Goods & Delivery Schedules**
- 2. Technical Specification**

EASTERN UNIVERSITY, SRI LANKA

List of Goods Delivery & Commissioning Schedule

Lot	Description	Quantity	Delivery & Installation & Commissioning	Delivery Date
01	<p align="center">SUPPLY, INSTALL AND COMMISSIONING FOR SURVEILLANCE SYSTEM, EASTERN UNIVERSITY SRI LANKA</p>	<p align="center">Refer Schedule</p>	<p align="center">Included in the Total price</p>	<p align="center">On or before 60 days from the date of the purchase order</p>

Signature :

Official Seal :

Date :

Section V

Schedule of Requirements and Technical Specification

Item No	Description of Goods	Quantity	Unit
Senate Building(Senate Building+ Main Entrance + Main hall_inside+ focus to fine arts & Audit branch + Botany Entrance)			
1	Data cabling & casing with fitting_Type1	17	Points
2	Cat 6 UTP Cable	950(approx)	meter
3	Cat6 UTP Patch panel(24-port)	01	No
4	Cable Management bar	01	No
5	Cat6 Patch Cords (0.5 m)	28	Nos
6	Cat6 Keystone jack	16	Nos
7	Face Plate with shutter	16	Nos
8	Flush Accessory Box	16	Nos
9	L2 Managed Switch-24 Port(PoE)	01	No
10	L2 Managed Switch-8 Port(PoE)	01	No
11	Wall Mounted Equipment Cabinet_12U	01	No
12	UPS-2 KVA_online	01	No
13	IP-Camera- Bullet Type_1	07	Nos
14	IP-Camera- Bullet Type_2	03	Nos
15	IP-Camera- Dome Type	06	Nos
16	16-Channel-Network Video Recorder(NVR)	01	No
17	Surge Protector	08	Nos
18	Sun Rain Shade Protective Roof for Outdoor cameras	02	Nos
19	Display	01	No
Agriculture Farm(Crop)			
20	Data cabling & casing with fitting_Type2	06	Points
21	Cat 6 UTP Cable	500(approx)	meter
22	Cat6 UTP Patch panel(8-port)	01	No
23	Cable Management bar	01	No
24	Cat6 Patch Cords (0.5 m)	08	Nos
25	Cat6 Keystone jack	04	Nos
26	Face Plate with shutter	04	Nos
27	Flush Accessory Box	04	Nos
28	L2 Managed Switch-8 Port(PoE)	01	No
29	Wall Mounted Equipment Cabinet_12U	01	No
30	UPS-2 KVA_online	01	No
31	IP-Camera- Bullet Type_1	04	Nos
32	8-Channel-Network Video Recorder(NVR)	01	No
33	Surge Protector	04	Nos
34	Outdoor Pole	01	No
35	Outdoor box	04	Nos
36	Sun Rain Shade Protective Roof for Outdoor cameras	04	Nos
Agriculture Farm(Animal)			
37	Data cabling & casing with fitting_Type2	06	Points
38	Cat 6 UTP Cable	450(approx)	meter
39	Cat6 UTP Patch panel(8-port)	01	No
40	Cable Management bar	01	No
41	Cat6 Patch Cords (0.5 m)	08	Nos
42	Cat6 Keystone jack	04	Nos

43	Face Plate with shutter	04	Nos
44	Flush Accessory Box	04	Nos
45	L2 Managed Switch-8 Port(PoE)	01	No
46	Wall Mounted Equipment Cabinet_12U	01	No
47	UPS-2 KvA_online	01	No
48	IP-Camera- Bullet Type_1	04	Nos
49	8-Channel-Network Video Recorder(NVR)	01	No
50	Surge Protector	04	Nos
51	Outdoor Pole	01	No
52	Outdoor box	04	Nos
53	Sun Rain Shade Protective Roof for Outdoor cameras	04	Nos
Supplies Branch and Focus to canteen & carpenter workshop area			
54	Data cabling & casing with fitting_Type1	07	Points
55	Cat 6 UTP Cable	480(approx)	meter
56	Cat6 UTP Patch panel(8-port)	01	No
57	Cable Management bar	01	No
58	Cat6 Patch Cords (0.5 m)	10	Nos
59	Cat6 Keystone jack	05	Nos
60	Face Plate with shutter	05	Nos
61	Flush Accessory Box	05	Nos
62	L2 Managed Switch-8 Port(PoE)	01	No
63	Wall Mounted Equipment Cabinet_12U	01	No
64	UPS-2 KvA_online	01	No
65	IP-Camera- Bullet Type_1	03	Nos
66	IP-Camera- Dome Type	02	Nos
67	8-Channel-Network Video Recorder(NVR)	01	No
68	Surge Protector	03	Nos
69	Sun Rain Shade Protective Roof for Outdoor cameras	03	Nos
CICT(CICT Laboratory+ Main Entrance_Hostal side+ Science Complex +DELT building +Faculty of arts and culture + Faculty of commerce and Mgt)			
70	Data cabling & casing with fitting_Type1	46	Points
71	Data cabling & casing with fitting_Type2	04	Point
72	Cat 6 UTP Cable	3000(approx)	meter
73	Cat6 UTP Patch panel(24-port)	01	Nos
74	Cat6 UTP Patch panel(8-port)	02	Nos
75	Cable Management bar	02	No
76	Cat6 Patch Cords (0.5 m)	90	Nos
77	Cat6 Keystone jack	49	Nos
78	Face Plate with shutter	49	Nos
79	Flush Accessory Box	49	Nos
80	L2 Managed Switch-24 Port(PoE)	01	No
81	L2 Managed Switch-8 Port(PoE)	03	Nos
82	IP-Camera- Bullet Type_1	12	Nos
83	IP-Camera- Bullet Type_2	03	Nos
84	IP-Camera- Dome Type	34	Nos
85	64-Channel-Network Video Recorder(NVR)	01	No
86	Surge Protector	11	Nos
87	Outdoor Pole	02	Nos
88	Outdoor box	04	Nos
89	Sun Rain Shade Protective Roof for Outdoor cameras	04	Nos
90	Display	01	No
Men's hostel junction			
91	Data cabling & casing with fitting_Type2	06	Points
92	Cat 6 UTP Cable	260(approx)	meter

93	Cat6 UTP Patch panel(8-port)	01	No
94	Cable Management bar	01	No
95	Cat6 Patch Cords (0.5 m)	08	Nos
96	Cat6 Keystone jack	04	Nos
97	Face Plate with shutter	04	Nos
98	Flush Accessory Box	04	Nos
99	L2 Managed Switch-8 Port(PoE)	01	No
100	Wall Mounted Equipment Cabinet_12U	01	No
101	UPS-2 KvA_online	01	No
102	IP-Camera- Bullet Type_1	04	Nos
103	8-Channel-Network Video Recorder(NVR)	01	No
104	Surge Protector	04	Nos
105	Outdoor Pole	01	No
106	Outdoor box	04	Nos
107	Sun Rain Shade Protective Roof for Outdoor cameras	04	Nos
Women's hostel junction			
108	Data cabling & casing with fitting_Type2	05	Points
109	Cat 6 UTP Cable	210(approx)	meter
110	Cat6 UTP Patch panel(8-port)	01	No
111	Cable Management bar	01	No
112	Cat6 Patch Cords (0.5 m)	06	Nos
113	Cat6 Keystone jack	03	Nos
114	Face Plate with shutter	03	Nos
115	Flush Accessory Box	03	Nos
116	L2 Managed Switch-8 Port(PoE)	01	No
117	Wall Mounted Equipment Cabinet_12U	01	No
118	UPS-2 KvA_online	01	No
119	IP-Camera- Bullet Type_1	03	Nos
120	8-Channel-Network Video Recorder(NVR)	01	No
121	Surge Protector	03	Nos
122	Outdoor Pole	01	No
123	Outdoor box	03	Nos
124	Sun Rain Shade Protective Roof for Outdoor cameras	03	Nos

Technical Specification

No	Item # and Name	Minimum Specifications
1	Data cabling & casing with fitting_Type1	Annexure 1
2	Data cabling & casing with fitting_Type2	Annexure 2
3	Cat 6 UTP Cable	Annexure 3
4	Cat6 UTP Patch panel(8/24-port)	Annexure 4
5	Cable Management bar	1U or 2 U Colour: black Bidder should mention the brand name with part number Preferred UTP mentioned above cable brand
6	Cat6 Patch Cords (0.5 m)	Annexure 5
7	Cat6 Keystone jack	Annexure 6
8	Face Plate with shutter	Annexure 7
9	Flush Accessory Box	shape- Square, Color-white
10	L2 Managed Switch-24 Port(PoE)	Annexure 8
11	L2 Managed Switch-8 Port(PoE)	Annexure 9
12	Wall Mounted Equipment Cabinet_12U	Annexure 10
13	UPS-2 KvA_online	Annexure 11
14	IP-Camera- Bullet Type_1	Annexure 12
15	IP-Camera- Bullet Type_2	Annexure 13
16	IP-Camera- Dome Type	Annexure 14
17	8-Channel-Network Video Recorder(NVR)	Annexure 15
18	16-Channel-Network Video Recorder(NVR)	Annexure 16
19	64-Channel-Network Video Recorder(NVR)	Annexure 17
20	Surge Protector	Annexure 18
21	Display	Annexure 19
22	Outdoor Pole and Outdoor box	Annexure 20

Annexure 1

Data cabling & casing with fitting-(Type1)

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
Bidder should submit LAN cable certification testing reports (Fluke test) for all ports, Provision for standard labelling. Bold port numbering enables quick identification of outlets.		
The testing instruments shall be capable of testing both the above tests without deviations The bidders shall provide the certified hard copies of UTP testing and certification. Manufacture certified engineer shall do certifications with licenses		
The termination of UTP cables onto the patch panel should be done using proper tools.		
All data outlet should be enclosed in a plastic mounting box, which should be properly mounted using at least two screws and role plugs. Use of nails is not recommended.		
The conduits/casing used on the surface should have rectangular cross section.		
The conduits/casing on walls must be supported at 1m spans or shorter to ensure that the conduits/casing does not Sag or buckle.		
Horizontal sections of UTP should only be along a wall, preferably at the height of approximately 1m above the Floor. In cases where the window ledge is below 1m from the ground, the casing may be placed at a level so that they are a few inches below the window ledge.		
In places where the UTP cables pass through the wall, a casing should be used. Proper filling with cement/sand and plaster should be used to fill the holes made in the wall for routing casings.		
Role plugs wholly sunk into the wall and not protruding into the casing to obstruct the UTP cables. Only the screw should be visible from inside the case.		
No damage to casing should be done to make improvements to the bending radius.		
Bidder should quote the price per point with all needed accessories(PVC Cable Trunkings, conduits, Installation charge)		

Annexure 2

Data cabling & casing with fitting-(Type2)

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
Bidder should submit LAN cable certification testing reports (Fluke test) for all ports, Provision for standard labeling. Bold port numbering enables quick identification of outlets.		
Civil works laid underground enclosed in Type 1000 63mm Water Pipes/Depth 600mm & covered with concrete cable tiles and warranting tape surface finish with compact soil		
The termination of UTP cables onto the patch panel should be done using proper tools.		
In places where the UTP cables pass through the wall, a pipe should be used. Proper filling with cement/sand and plaster should be used to fill the holes made in the wall for routing casings.		
Role plugs wholly sunk into the wall and not protruding into the pipes to obstruct the UTP cables.		
Bidder should quote the price for a meter for all the requirements in above After the work completion, payment for the Civil works will be provided using measure and pay method.		

Annexure 3

Cat 6 UTP Cable

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
Should provide Manufacturer Warranty Certification for 25 Years for Product & Performance assurance		
The Manufacturer Should be ISO 9001 certified		
Product Specification		
The fly leads should support LAN technologies such as Fast Ethernet (100Mbps) and Gigabit Ethernet (1000Mbps)		
Should be constructed of 23 AWG & 0.56mm Solid Bare Copper conductors		
Should consist of a Polyethylene insulation		
Should consist of a Grey colour Flame Retardant PVC jacket		
Should be performance optimized for 250Mhz		
Should be performance PoE + + & 4PPoE		
Standards and Compliance.		
ETL verified for ISO / IEC 11801 2nd Edition Class E		
Should meet ANSI/TIA 568-2.D Category 6 cables Specifications		
fluke listed products		
Make (Please Specify)		
Model (Please Specify)		
Country of Origin (Please Specify)		
Bidder should submit the Manufacturer's authorization certificate/letter from the Manufacture or Distributor		
Bidder should quote the cable price per meter. After the work completion, payment for the Cable used will be provided using the measure and pay method calculated according to the fluke testing report.		

Annexure 4

Cat6 UTP Patch panel (8/24 port)

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
Should provide Manufacturer Warranty Certification for 25 Years for Product & Performance assurance		
The Manufacturer Should be ISO 9001 certified		
Product Specification		
Should support LAN technologies such as Fast Ethernet (100Mbps) and Gigabit Ethernet (1000Mbps)		
Should consist of Dual colour-coding for 568 A/B wiring configuration		
Should consist of a contact material phosphor Bronze alloy 50U gold plated pins		
Should be connector module holder: high-impact, flame retardant plastic.		
Should consist of a four colours identification tag on the patch panel		
Standards and Compliance.		
ETL verified for ISO / IEC 11801 2nd Edition		
Should meet ANSI/TIA 568-2.D, UL 94 V-0		
fluke listed products		
Make (Please Specify)		
Model (Please Specify)		
Country of Origin (Please Specify)		
Bidder should submit Manufacturer's authorization certificate/letter from the Manufacture or Distributor		

Annexure 5

Cat6 Patch Cords (0.5 m)

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
Should provide Manufacturer Warranty Certification for 25 Years for Product & Performance assurance		
The Manufacturer Should be ISO 9001 certified		
Product Specification		
The patch cords should support LAN technologies such as Fast Ethernet (100Mbps) and Gigabit Ethernet (1000Mbps)		
Should be constructed of 24 AWG Copper conductors		
Should consist of an anti-snag design		
Should consist of a HDPE PVC sheath		
Should consist of a copper alloy gold plated over nickel RJ-45 plug and a boot		
Shall be available in 0.5m,1m and 2m lengths		
Standards and Compliance.		
ETL verified for ISO / IEC 11801 2nd Edition Class E		
Should meet ANSI/TIA 568-2.D		
Make (Please Specify)		
Model (Please Specify)		

Country of Origin (Please Specify)	
Bidder should submit Manufacturer's authorization certificate/letter from the Manufacture or Distributor	

Annexure 6

Cat6 Keystone jack

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
Should provide Manufacturer Warranty Certification for 25 Years for Product & Performance assurance		
The Manufacturer Should be ISO 9001 certified		
Product Specification		
Should support LAN technologies such as Fast Ethernet (100Mbps) and Gigabit Ethernet (1000Mbps)		
Should consist of Dual colour-coding for 568 A/B wiring configuration		
Should consist of a contact material phosphor Bronze alloy 50U gold plated Keystone Jack		
Should be RJ-11& RJ-12 compatible		
Should consist of a moulded category identification on jack face as well as optional port identification icons		
Should consist of a High Impact Flame-Retardant Plastic		
Standards and Compliance.		
ETL verified for ISO / IEC 11801 2nd Edition		
Should meet ANSI/TIA 568-2.D		
Make (Please Specify)		
Model (Please Specify)		
Country of Origin (Please Specify)		
Bidder should submit Manufacturer's authorization certificate/letter from the Manufacture or Distributor		

Annexure 7

Face Plate with shutter

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
Should provide Manufacturer Warranty Certification for 25 Years for Product & Performance assurance		
The Manufacturer Should be ISO 9001 certified		
Product Specification		
Should support standard category rated fly leads and UTP Keystone jacks		
Should consist of a material is ABS		
It should be a BS standard (UK) design		
Should consist of a spring-loaded shutter with single and dual ports		
Should consist of a separate port identification label window		
Make (Please Specify)		
Model (Please Specify)		
Country of Origin (Please Specify)		
Bidder should submit Manufacturer's authorization certificate/letter from the Manufacture or Distributor		

Annexure 8
L2 Managed Switch-24 Port(PoE)

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Brand	(Please Specify)		
Model No	(Please Specify)		
Enclosure Type	Rack-mountable		
Ports	24 X RJ-45 autosensing 10/100/1000 PoE ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only If any additional ports please specify		
Remote Management Protocol	SNMP, RMON, HTTP, TFTP		
Memory	256 MB or higher (Please Specify)		
Flash	64 MB or higher (Please Specify)		
Throughput	95 Mpps or higher (Please Specify)		
Switching capacity	100 Gbps or higher (Please Specify)		
PoE capability	360 W PoE or higher (Please Specify) & each point should support to 14 W or higher		
Compliant Standards	IEEE 802.3x, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1p, IEEE 802.3z, IEEE 802.3, IEEE 802.1x, 802.3af PoE		
Features	Layer 2 switching, IPv6 support, DoS attack prevention, VLAN support, Multiple Spanning Tree Protocol (MSTP) support, Port mirroring, Trivial File Transfer Protocol (TFTP) support, VoIP Support, IGMP snooping, BOOTP support, DHCP support, Broadcast Storm Control, Access Control List (ACL) support, Spanning Tree Protocol (STP) support, IGMP snooping, Auto Smart Ports		
Status Indicators	Link activity, Port transmission speed, System		
Power over Ethernet (PoE)	Yes		
Power Device Power supply	Internal or external		
Mounting	Mounts in an EIA-standard 19 in		
Voltage	AC 120/230 V (50/60 Hz)		
Installation and configuration	Installation and configuration should be done according to the requirements of Eastern University Sri Lanka		
Warranty	5 Years or higher (Please Specify)		
Experience and Technical Support	Experience for at least Three years with above-quoted brand sales. Bidder must submit evidence for the sales.		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate for quoted Switch brand direct from Manufacture		

Annexure 9
L2 Managed Switch-8 port (PoE)

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Brand	(Please Specify)		
Model No	(Please Specify)		
Enclosure Type	Rack-mountable		
Ports	8 RJ-45 autosensing 10/100/1000 Class 4 PoE ports, 2 SFP 1GbE ports		
Duplex	Half & full		
Remote Management Protocol	SNMP, RMON, HTTP, TFTP		
Memory	256 MB or higher (Please Specify)		
Throughput	24 Mpps or higher (Please Specify)		
Switching capacity	30 Gbps or higher (Please Specify)		
Compliant Standards	IEEE 802.3x, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1p, IEEE 802.3z, IEEE 802.3, IEEE 802.1x		
Routing table size	32 entries or higher (Please Specify)		
MAC address table size	8,000 entries or higher (Please Specify)		
Features	Layer 2 switching, IPv6 support, DoS attack prevention, VLAN support, Multiple Spanning Tree Protocol (MSTP) support, Port mirroring, Trivial File Transfer Protocol (TFTP) support, VoIP Support, IGMP snooping, BOOTP support, DHCP support, Broadcast Storm Control, Access Control List (ACL) support, Spanning Tree Protocol (STP) support, IGMP snooping, Auto Smart Ports		
Status Indicators	Link activity, Port transmission speed, System		
PoE	Yes		
PoE capability	120W PoE or higher (Please Specify) & each point should support to 14 W or higher		
Power Device Power supply	Internal or external		
Mounting	Mounts in an EIA-standard 19 in		
Voltage	AC 120/230 V (50/60 Hz)		
Installation and configuration	Installation and configuration should be done according to the requirements of Eastern University Sri lanka		
Warranty	5 Years or higher (Please Specify)		
Experience and Technical Support	Experience for at least Three years with above-quoted brand sales. Bidder must be submitted evidence for the sales.		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate for quoted Switch brand direct from Manufacture		

Annexure 10

Wall Mounted Equipment Cabinet_12U

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
The Manufacturer Should be ISO 9001 certified		
Rack Construction and Design		
19" Rack with at least 600mm depth		
Should be constructed using Sheet Steel material		
Should consist of a glass lockable front door		
Should consist of at least 6 Way 13A UK Type Outlet Power Distribution Panel with Safety Switch		
Should consist of Two side panels opening with key locks		
Should consist of at least 2 Cable Entry Gourmets from the top of the Rack		
Should consist of at least 2no of Fans		
Mounting should be done according to the requirements of Eastern University Sri lanka		
Make (Please Specify)		
Model (Please Specify)		
Country of Origin (Please Specify)		
Bidder should submit Manufacturer's authorization certificate/letter from the Manufacture or Distributor		

Annexure 11
UPS-2KvA_online

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Brand	(Please Specify)		
Model No	(Please Specify)		
Rated Power	2kVA /1.4kW (On-line)		
Input Nominal Voltage	220/230V		
Input Voltage Range	130 VAC ~ 280VAC		
Input Frequency Range	46~54Hz		
Output Voltage	220VAC/230VAC±2%,		
Waveform	Sine Wave		
Output Connections	Three or higher X UK BS 1363 (Please Specify)		
Battery Type	Sealed, Maintenance-free, Lead—Acid		
Battery Backup time (Full/Half)	5 minutes or higher /12minuits or higher (Please Specify)		
Battery Recharge time	8 hours or lower to 90% of full capacity		
Transfer time	0 ms (Zero)		
Protection	Battery low voltage, Overload & Short circuit protection		
Exhaust fan	One or higher (Please Specify)		
Auditable alarm	Bypass, Battery discharge, overload, fault		
LCD Display	Required		
Display details	Display input and output voltage, frequency, battery voltage, battery capacity, and the percentage of load		
Required Audible alarm	Bypass, Battery discharge, overload, fault		
Format	Tower		
Cables	Input Cable should be provided		
Installation	Bidder should install/mount with all necessary accessories (Steel Shelf Bracket/wall mounting brackets)		
Warranty	3 Years or higher comprehensive & onsite		
Services	At least one service per year during the warranty period free of charge (including transport & etc.).		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate for quoted UPS brand direct from Manufacture or distributor		

Annexure 12
IP-Camera- Bullet Type_1

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Make	(Please Specify)		
Model	(Please Specify)		
Country of Origin	(Please Specify)		
Manufacturer Should be ISO 9001 certified	Certificate should attached		
Compatibility	Should be compatible with proposed NVR model		
Product type	IR IP Bullet Camera		
Mega pixel and type	2MP or higher , should be support to Day/Night		
Image Sensor	1/1.9" progressive scan CMOS		
Video Compression (with multi-streaming)	H.265/H.264/M-JPEG		
Resolution	25fps@1920×1080 or higher (Please Specify)		
Sensitivity	Color mode: 0.001-0.002 lux @ F1.4, AGC ON; B/W mode: 0.0001-0.0002 lux @ F1.4, AGC ON; 0 lux (IR ON)		
Day/Night Functionality	Required with ICR		
IR Illumination Distance	Between 48M-52M		
Dynamic Range	Between 115dB-135dB		
Electronic Shutter	Auto/Manual (adjustment range 1/1s~1/32000s)		
Audio	Compression: G.711a/G.711u/AAC; Sampling rate: 8KHz (for G.711a/G.711); 16KHz, 24KHz, 44KHz, 48KHz (for AAC)		
Focal Length	Motorized vari-focus lens, F1.5, f= 2.8-12mm		
Privacy Mask	Between 3-5 masks		
Motion Detection	Required		
Password Protection	Required		
Upgrade Online	Required		
White Balance	Auto/Manual/Outdoor		
Smart Video Analytics	Video anomaly detection, wire cross detection, and intrusion detection Anomaly		
Network Protocols	IPv4/IPv6, TCP, UDP, IGMP, ICMP, IGMPv2/3, DHCP, SNMP, FTP, SMTP, NTP, RTC, RTP, RTSP, RTCP, HTTP, HTTPS, SSL, 802.1x, QoS, PPPoE, DNS, DDNS, ARP, UPnP, IP Filter, TLS, DES, Multicast		
Power Supply	PoE (IEEE 802.3af) / 12VDC (±20%) / 24VAC (±25%)		
Power Consumption	<13W		
Environmental support	-4°F ~ 140°F (-20°C ~ 60°C), IP67		
Installation and configuration	Installation and configuration should be done according to the requirements of Eastern University, Sri Lanka. Bidder must take responsibility for CCTV Camera system should work ZERO downtime and ERRORS.		

Experience and Technical Support	Experience for at least three years with above-quoted brand sales. Bidder must submit evidence for the sales.		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate/letter for quoted Camera brand direct from Manufacture		
Customer Service and Support	Support must be 24x7x365 bidder should mention their hotline to support. Break down attended must be NEXT BUSINESS DAY		
Warranty & Service	<ul style="list-style-type: none"> • Three-year comprehensive warranty or higher (Please Specify) • During the warranty period, All defective parts should be replaced free of charge • Provide maintenance and troubleshooting for the camera system during the warranty period with free of charge 		

Annexure 13
IP-Camera- Bullet Type_2

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Make	(Please Specify) Camera and NVR must be same in brand		
Model	(Please Specify)		
Country of Origin	(Please Specify)		
Manufacturer Should be ISO 9001 certified	Certificate should attached		
Compatibility	Should be compatible with proposed NVR model		
Product type	IR IP Bullet Camera		
Mega pixel and type	HD 5MP or higher, should be support to Day/Night		
Image Sensor	1/1.8" progressive scan CMOS		
Video Compression (with multi-streaming)	H.265/H.264/M-JPEG		
Resolution	25fps@2592×1944 or higher; 55fps@1920×1080 or higher (Please Specify)		
Sensitivity	Color mode: 0.01-0.02 lux @ F1.4, AGC ON; B/W mode: 0.001-0.002 lux @ F1.4, AGC ON; 0 lux (IR ON)		
Day/Night Functionality	Required with ICR		
IR Illumination Distance	Between 48M-52M		
Dynamic Range	Between 95dB-105dB		
Electronic Shutter	Auto/Manual (adjustment range 1/1s~1/32000s)		

Audio	Compression: G.711a/G.711u/AAC; Sampling rate: 8KHz (for G.711a/G.711); 16KHz, 24KHz, 44KHz, 48KHz (for AAC)		
Focal Length	Motorized vari-focus lens, F1.4, f= 2.8-12mm		
Privacy Mask	Between 3-5 masks		
Motion Detection	Required		
Password Protection	Required		
Upgrade Online	Required		
White Balance	Auto/Manual/Outdoor		
Smart Video Analytics	Video anomaly detection, wire cross detection, and intrusion detection Anomaly		
Network Protocols	IPv4/IPv6, TCP, UDP, IGMP, ICMP, IGMPv2/3, DHCP, SNMP, FTP, SMTP, NTP, RTC, RTP, RTSP, RTCP, HTTP, HTTPS, SSL, 802.1x, QoS, PPPoE, DNS, DDNS, ARP, UPnP, IP Filter, TLS, DES, Multicast		
Power Supply	PoE (IEEE 802.3af) / 12VDC ($\pm 20\%$) / 24VAC ($\pm 25\%$)		
Power Consumption	<13W		
Environmental support	-4°F ~ 140°F (-20°C ~ 60°C), IP67		
Installation and configuration	Installation and configuration should be done according to the requirements of Eastern University, Sri Lanka. Bidder must take responsibility for CCTV Camera system should work ZERO downtime and ERRORS.		
Experience and Technical Support	Experience for at least three years with above-quoted brand sales. Bidder must submit evidence for the sales.		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate/letter for quoted Camera brand direct from Manufacture		
Customer Service and Support	Support must be 24x7x365 bidder should mention their hotline to support. Break down attended must be NEXT BUSINESS DAY		
Warranty & Service	<ul style="list-style-type: none"> • Three-year comprehensive warranty or higher (Please Specify) • During the warranty period, All defective parts should be replaced free of charge • Provide maintenance and troubleshooting for the camera system during the warranty period with free of charge 		

Annexure 14
IP-Camera- Dome Type

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Make	(Please Specify) Camera and NVR must be same in brand		
Model	(Please Specify)		
Country of Origin	(Please Specify)		
Manufacturer Should be ISO 9001 certified	Certificate should attached		
Compatibility	Should be compatible with proposed NVR model		
Product type	IR IP Bullet Camera		
Mega pixel and type	HD 2MP or higher , should be support to Day/Night		
Image Sensor	1/2.8" progressive scan CMOS		
Video Compression (with multi-streaming)	H.265/H.264/M-JPEG		
Resolution	25fps@1920×1080 or higher (Please Specify)		
Sensitivity	Color mode: 0.002 lux @ F1.4, AGC ON; B/W mode: 0.0002 lux @ F1.4, AGC ON; 0 lux (IR ON)		
Day/Night Functionality	Required with ICR		
IR Illumination Distance	Between 28M-32M		
Lens	Motorized zoom lens, F1.4, f=2.8-12mm		
White Balance	Auto/Manual/Outdoor		
Electronic Shutter	Auto/Manual (adjustment range 1/1s~1/32000s)		
Audio	Compression: G.711a, G.711u, ACC Sampling rate: 8KHz, 16KHz, 32KHz, 44.1KHz,48KHz optional Port: 1 linear input, 1 linear output		
Privacy Mask	Between 3-5 masks		
Motion Detection	Required		
Password Protection	Required		
Upgrade Online	Required		
Smart Video Analytics	Detections of wire cross, regional invasion, scene change, defocus, low brightness, high brightness, video loss, color cast, camera tampering		
Network Protocols	IPv4/IPv6, TCP, UDP, IGMP, ICMP, IGMPv2/3, DHCP, SNMP, FTP, SMTP, NTP, RTC, RTP, RTSP, RTCP, HTTP, HTTPS, SSL, 802.1x, QoS, PPPoE, DNS, DDNS, ARP, UPnP, IP Filter, TLS, DES, Multicast		
Power Supply	PoE (IEEE 802.3af) / 12VDC (±20%) / 24VAC (±25%)		

Power Consumption	<13W		
Environmental support	-4°F ~ 140°F (-20°C ~ 60°C), IP67		
Installation and configuration	Installation and configuration should be done according to the requirements of Eastern University, Sri Lanka. Bidder must take responsibility for CCTV Camera system should work ZERO downtime and ERRORS.		
Experience and Technical Support	Experience for at least three years with above-quoted brand sales. Bidder must submit evidence for the sales.		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate/letter for quoted Camera brand direct from Manufacture		
Customer Service and Support	Support must be 24x7x365 bidder should mention their hotline to support. Break down attended must be NEXT BUSINESS DAY		
Warranty & Service	<ul style="list-style-type: none"> • Three-year comprehensive warranty or higher (Please Specify) • During the warranty period, All defective parts should be replaced free of charge • Provide maintenance and troubleshooting for the camera system during the warranty period with free of charge 		

Annexure 15
8-Channel-Network Video Recorder (NVR)

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Make	(Please Specify) Camera and NVR must be same in brand		
Model	(Please Specify)		
Country of Origin	(Please Specify)		
Manufacturer Should be ISO 9001 certified	Certificate should attached		
Compatibility	Should be compatible with proposed cameras model.		
Incoming Bandwidth	64 Mbps or higher (Please Specify)		
Outgoing Bandwidth	32 Mbps or higher (Please Specify)		
IPC Input	8CH		
Audio In	1CH, RCA (Line out, 2Vp-p, 300ohms)		
VGA	1CH, 1920×1080, 1280×1024, 1280×720, 1024×768		
HDMI	Standard 1.4a, 3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768		
Audio Output	1CH, RCA (Line out, 2Vpp, 300ohms)		
IP channel Resolution	Main stream 3200x2400 or higher (Please Specify)		
Video Decoding	H.265 (Main Profile@Level5.0) / H.264 (High Profile@Level5.1)		
Support Synchronous Playback	8CH		
Support Decoding Ability	8CH 720P@25FPS or higher (Please Specify) OR 4CH 1080P@25FPS or higher(Please Specify)		
Bidirectional Talk	Two-way voice intercom function		
SATA interfaces	2 SATA Interfaces or higher (Please Specify)		
Hard disk required	2 X 4 TB or higher (Please Specify)		
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet interface		
USB Interface	2 USB2.0/3.0 Interfaces or higher (Please Specify)		
Port	1 Half-duplex RS-485 interface		
Working Temperature	-10°C~+55°C		
Installation and configuration	Installation and configuration should be done according to the requirements of Eastern University, Sri Lanka. Bidder must take responsibility of CCTV Camera system should work ZERO downtime and ERRORS.		
Experience and Technical Support	Experience for at least three years with above-quoted brand sales. Bidder must submit evidence for the sales.		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate/letter for quoted NVR brand direct from Manufacture		

Customer Service and Support	Support must be 24x7x365 bidder should mention their hotline to support. Break down attended must be NEXT BUSINESS DAY		
Warranty & Service	<ul style="list-style-type: none"> • Three-year comprehensive warranty or higher (Please Specify) • During the warranty period, All defective parts should be replaced free of charge • Provide maintenance and troubleshooting for the camera system during the warranty period with free of charge 		

Annexure 16

16-Channel-Network Video Recorder (NVR)

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Make	(Please Specify) Camera and NVR must be same in brand		
Model	(Please Specify)		
Country of Origin	(Please Specify)		
Manufacturer Should be ISO 9001 certified	Certificate should attached		
Compatibility	Should be compatible with proposed cameras model.		
Incoming Bandwidth	128Mbps or higher (Please Specify)		
Outgoing Bandwidth	128Mbps or higher (Please Specify)		
IPC Input	16CH		
Audio In	1CH, RCA (Line out, 2Vp-p, 300ohms)		
VGA	1CH, 1920×1080, 1280×1024, 1280×720, 1024×768		
HDMI	Standard 1.4a, 3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768		
Audio Output	1CH, RCA (Line out, 2Vpp, 300ohms)		
IP channel Resolution	Main stream 3200x2400 or higher (Please Specify)		
Video Decoding	H.265 (Main Profile@Level5.0) / H.264 (High Profile@Level5.1)		
Support Synchronous Playback	16CH		
Support Decoding Ability	16CH 1080P@25FPS or higher(Please Specify)		
Bidirectional Talk	Two-way voice intercom function		
SATA	8 SATA Interfaces or higher (Please Specify)		
Hard disk required	8 X 4 TB or higher (Please Specify)		
Network Interface	2 X RJ45 10M/100M/1000M self-adaptive Ethernet interface		
USB Interface	2 USB2.0/3.0 Interfaces or higher (Please Specify)		
Port	1 RS-232 interface OR RS-485 interface (Please Specify)		
Working Temperature	0°C~+55°C		

Installation and configuration	Installation and configuration should be done according to the requirements of Eastern University, Sri Lanka. Bidder must take responsibility for CCTV Camera system should work ZERO downtime and ERRORS.		
Experience and Technical Support	Experience for at least three years with above-quoted brand sales. Bidder must submit evidence for the sales.		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate/letter for quoted NVR brand direct from Manufacture		
Customer Service and Support	Support must be 24x7x365 bidder should mention their hotline to support. Break down attended must be NEXT BUSINESS DAY		
Warranty & Service	<ul style="list-style-type: none"> • Three-year comprehensive warranty or higher (Please Specify) • During the warranty period, All defective parts should be replaced free of charge • Provide maintenance and troubleshooting for the camera system during the warranty period with free of charge 		

Annexure 17

64-Channel-Network Video Recorder (NVR)

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Make	(Please Specify) Camera and NVR must be same in brand		
Model	(Please Specify)		
Country of Origin	(Please Specify)		
Manufacturer Should be ISO 9001 certified	Certificate should attached		
Compatibility	Should be compatible with proposed cameras model.		
Incoming Bandwidth	224 Mbps or higher (Please Specify)		
Outgoing Bandwidth	224 Mbps or higher (Please Specify)		
IPC Input	64CH		
Audio In	1CH, RCA (Line out, 2Vp-p, 300ohms)		
VGA	1CH, 1920×1080, 1280×1024, 1280×720, 1024×768		
HDMI	Standard 1.4a, 3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768		
Audio Output	1CH, RCA (Line out, 2Vpp, 300ohms)		
IP channel Resolution	Main stream 3200x2400 or higher (Please Specify)		
Support Video Decoding	MPEG-4 / H.264 (High Profile@Level5.0)		
Support Synchronous Playback	16CH		
Decoding Ability	16CH 1080P@25FPS or higher(Please Specify)		
Bidirectional Talk	Two-way voice intercom function		

SATA interface	16 SATA Interfaces or higher (Please Specify)		
Hard disk required	16 X 4 TB or higher (Please Specify)		
Network Interface	2 X RJ45 10M/100M/1000M self-adaptive Ethernet interface		
USB Interface	2 USB2.0/3.0 Interfaces or higher (Please Specify)		
Port	1 RS-232 interface OR RS-485 interface (Please Specify)		
Working Temperature	0°C~+55°C		
Installation and configuration	Installation and configuration should be done according to the requirements of Eastern University, Sri Lanka. Bidder must take responsibility for CCTV Camera system should work ZERO downtime and ERRORS.		
Experience and Technical Support	Experience for at least three years with above-quoted brand sales. Bidder must submit evidence for the sales.		
Manufacturer's authorization certificate	Bidder should submit Manufacturer's authorization certificate/letter for quoted NVR brand direct from Manufacture		
Customer Service and Support	Support must be 24x7x365 bidder should mention their hotline to support. Break down attended must be NEXT BUSINESS DAY		
Warranty & Service	<ul style="list-style-type: none"> • Three-year comprehensive warranty or higher (Please Specify) • During the warranty period, All defective parts should be replaced free of charge • Provide maintenance and troubleshooting for the camera system during the warranty period with free of charge 		

Annexure 18 Surge Protector

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
Make (Please Specify)		
Model (Please Specify)		
Country of Origin (Please Specify)		
Connection Type		
Connection Method should be RJ45		
Connection Type IN should be RJ45		
Connection Type OUT should be RJ45		
General Specification		
Housing material should be Zinc die-cast based		
Should consist of a connection-specific attachment plug and DIN rail mounting		
Number of positions should be at least 8		
Line-Line & Line-Ground/shield should be available		
Protective Circuit		

Continuous voltage UC(wire-wire) less than 3.3 V DC		
Continuous voltage UC(wire-ground) less than 180 V DC		
Residual current less than 8μA		
All surge protectors must be securely grounded to a dedicated earth point		

Annexure 19 Display

Item Description	Detail Specification	Bidder Response (Y/N)	If "N" comment(s) on offer
Make	(Please Specify)		
Model	(Please Specify)		
Country of Origin	(Please Specify)		
Screen Size	42"-44"		
Aspect Ratio	16:9		
Resolution	1920×1080 (FHD)		
Backlight	LED		
Brightness/Luminance	300 cd/m ² or higher		
Contrast	1200:1		
Response time	10ms or lower		
Input	VGA(D-Sub)×1, HDMI×1		
wall hanging Mount brackets and accessories	Required		
HDMI Cable	12-15 meter male to female cable required		
Warranty	One year comprehensive warranty or higher (Please Specify) During the warranty period All defective parts should be replaced free of charge		
Installation and configuration	Installation and mounting should be done according to the requirements of Eastern University, Sri Lanka		

Annexure 20

Outdoor Pole with outdoor box

Item Description	Bidder Response (Y/N)	If "N" comment(s) on offer
General Specification		
All outdoor poles to be 2" GI type and be painted		
All outdoor poles to be earthed using a dedicated earth rod		
Outdoor cameras should be accommodated with IP-67 or higher rated outdoor enclosures which is to be installed on to the outdoor pole		
PoE surge protector should be securely mounted in the outdoor box		
All devices which are installed in the outdoor box should be securely grounded separately to the outdoor pole		
Earth Rod Specification		
Copper bond earth rod with low carbon, high tensile strength(at least 500n/mm ² minimum)		
Should consist of a steel core with a coating of molecular bonded pure electrolytic copper		
Copper thickness 250 microns or higher		
Rod nominal diameter 200mm or higher		
Length should be 1100mm-1200mm		
Standard compliance BS EN 50164-2 and BS 7430		
IP 65 rated outdoor box specification		
Should be manufactured with polycarbonate or similar harsh environmental condition with standing material		
Should be IP 65 rated details of the certifications to be provided		
Should consist of a lock and key		
Should consist of a wooden mounting plate		
Should consist of 2 Nos of stainless steel pole mounting brackets		
Outdoor box should be to house the surge protector and the related network accessories		
All pole mounted outdoor boxes should contain the engraving :Surge Protector" with an appropriate industrial standard symbol and color, these to be printed with UV resistant ink or printing technologies		
All incoming and outgoing cables should be routed via BS EN IEC 60529 certified, corrosion resistant and IP 68 rated non-metallic conduits using connectors with integral sealing capabilities. High level details of the same should be provided.		

Section VII. Contract Data

The following Contract Data shall supplement and / or amend the Conditions of Contract (CC). Whenever there is a conflict, the provisions herein shall prevail over those in the CC.

CC 1.1(i)	The Purchaser is: Eastern University, Sri Lanka (EUSL)
CC 1.1 (m)	The Project Site(s)/Final Destination(s) is/are: Vice Chancellor, Eastern University, Sri Lanka, Vantharamoolai, Chenkalady.
CC 8.1	For notices, the Purchaser's address shall be: Attention: Senior Assistant Registrar Vice Chancellor Eastern University, Sri Lanka Vantharumoolai Chenkalady Tel. 0652240589 Fax. 0652240585
CC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are – not applicable
CC 15.1	CC 15.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: A: For Goods offered within Sri Lanka Payment shall be made in Sri Lanka Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered, Installed and properly Commissioning with the appraisal report of end users.
CC 17.1	A Performance Security 10 % of the awarding price be required valid for period of for thirty day after the date of final Commissioning.
CC 25.1	The inspection and test shall be required on all component & services includes use acceptance test at the premises of the EUSL
CC 25.2	The inspection & Test shall be conducted a team appointed by the EUSL
CC 26.1	The liquidated damage shall be 0.5% per week from the Contract Price
CC 26.1	The maximum amount of liquidated damages shall be 10 %