

திருவள்ளூர் பல்கலைக்கழகம்

# THIRUVALLUVAR UNIVERSITY

(A State University)

(Established by the Thiruvalluvar University Act 32, 2002)

SERKKADU, VELLORE – 632 115.

Ref: No .TVU/R/ODVS-ICSS/Examination/2023-2024/2023/8413

Dated.04.09.2023



## Tender Document

**“INVITING TENDER FOR INFRASTRUCTURE AND CAMPUS SURVEILLANCE  
SOLUTION FOR ONLINE DIGITAL VALUATION SYSTEM (ODVS)”**

Tender Notification No.TVU/R/ODVS-ICSS/Examination/2022-2023/2023/8413

**Dated: 04.09.2023**

**SCHEDULE FOR INVITING SEALED TENDER UNDER TWO COVER SYSTEM IN RESPECT OF ONLINE DIGITAL VALUATION SYSTEM- INFRASTRUCTURE AND CAMPUS SURVEILLANCE SOLUTION FOR THIRUVALLUVAR UNIVERSITY EXAMINATIONS.**

Tender Reference No.	No.TVU/R/ODVS-ICSC/Examination/2023-2024/2023/8413 Dt.04.09.2023
EMD	<b>Rs. 2,00,000 /-</b> Savings bank a/c no. 248401000000001, IOB, Serkkadu, IFSC Code IOBA0002484 The bidder shall deposit the EMD as required in the tender document, electronically through their respective internet banking enabled account or NEFT/RTGS
Last Date & Time for submission of Tender	<b>21.09.2023 at 3.00 p.m.</b>
Opening of Tender Bids and Scrutiny	<b>22.09.2023 at 4.00 p.m.</b>
Place of Opening Tender	Office of the Registrar Thiruvalluvar University, Serkkadu, Vellore-632 115
Address for Communication	The Registrar Thiruvalluvar University, Serkkadu, Vellore-632 115.
Contact Telephone	Phone: 0416 - 2274746 email- <a href="mailto:registrartvu@gmail.com">registrartvu@gmail.com</a> <a href="http://www.tvu.edu.in">website: www.tvu.edu.in</a>

**NOTE:**

Conditions for participating in the tender and the tender document are available at <https://tntenders.gov.in> which can be downloaded at free of cost. The tenderer shall keep a watch over the web site (e-procurement Portal) till the preceding date of tender for any notifications

It is the bidders responsibility to ensure that the EMD'S deposited before the prescribed time in the EMD deposit account as mentioned above to avoid tender rejection the contractor should assure that the deposited amount should be credited in the university account before the due time &date.

**DETAILED TENDER SCHEDULE**

<b>Sl.No</b>	<b>Activities</b>	<b>Date</b>	<b>Time</b>
1.	Tender Release	<b>07.09.2023</b>	<b>11.00. a.m</b>
2.	The Bidders may download the tender documents, help documents and user manuals from <a href="https://tntenders.gov.in">https://tntenders.gov.in</a>	<b>07.09.2023</b>	<b>11.00. a.m</b>
3.	Tender Closing	<b>21.09.2023</b>	<b>3.00 p.m</b>
4.	Tender Opening – Technical Bid	<b>22.09.2023</b>	<b>4.00 p.m</b>

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# **INSTRUCTION TO TENDERERS FOR SUBMISSION OF TENDER**

## **GENERAL INSTRUCTION**

- 1.1. Every effort has been made to provide comprehensive and accurate background information, requirements and specifications in this Tender.
- 1.2. The Bidders are required to familiarise the instructions, terms and conditions and specifications given in the Tender.
- 1.3. The Bidder shall be deemed to have been fully satisfied itself before Bidding as to the correctness and sufficiency of its Bids for the Contract and Price quoted in the Bid to cover all obligations under this Tender.
- 1.4. It shall be the responsibility of the Bidder that all factors have been investigated and considered while submitting the Bids and no claim whatsoever including those of financial adjustments; time schedule to the Contract awarded under this Tender shall be entertained by UNIVERSITY on account of failure by the Bidder.
- 1.5. Failure to furnish all required information in every aspect shall be at the Bidder's risk and may result in the rejection of Bid.
- 1.6. Bid with conditions other than those specified in the Tender document is liable to be summarily rejected. No modification by the Bidder in any of the conditions shall be permitted.
- 1.7. No commitment of any kind, contractual or otherwise shall exist unless and until Letter of Acceptance is issued as per the terms and conditions of the tender.
- 1.8. It shall be imperative for each Bidder(s) to familiarise itself with the prevailing legal situations for the execution of Contract. UNIVERSITY shall not entertain any request for clarification from the Bidder regarding such legal aspects.
- 1.9. It must be clearly understood that the Terms and Conditions, specifications are intended to be strictly enforced. No escalation of cost in the Tender by the Bidder shall be permitted throughout the period of Contract.
- 1.10. The Contractor shall make all arrangements as part of the Contract to supply, install, commission and train the beneficiaries at various locations at their own cost and transport.
- 1.11. The Contractor shall be fully and completely responsible to UNIVERSITY and the End User for all the deliveries and deliverables.
- 1.12. The Contractor and the OEM of the Item offered are jointly and severally responsible for the product specifications and its performance as required in the Tender document.

- 1.13. Any Bidder who is blacklisted by UNIVERSITY or any State or Central Government or its agencies shall not be eligible to bid for the Tenders of UNIVERSITY. Bidder shall give an undertaking in this regard.
- 1.14. In case Bidder conceals any fact that materially affects the tender, the bid will be summarily rejected
- 1.15. In case any show cause notice has been issued by UNIVERSITY for poor performance to any of the bidder, then UNIVERSITY reserves the right to disqualify the bid submitted by such Bidder.

## **1.2. SUPPLY AND INSTALLATION OF EQUIPMENT:**

- 1.2.1 The material or goods are to be guaranteed for a period of at least THREE years after installation and commissioning against manufacturing defects and poor workmanship. The Warranty period specified, will commence from the date of handing over the Equipment after running on all equipment's and carrying out successfully the tests prescribed by the University to its satisfaction.
- 1.2.2 Documents such as operation manuals, user manuals and circuit diagrams and other relevant materials shall be provided by the tenderer along with the equipment at free of cost.
- 1.2.3 If the supply, installation and commissioning of the equipment are not effected before the specified period from the date of purchase order, the University shall have the authority to cancel the order and to take any such action which will be deemed fit in the circumstances.
- 1.2.4 If any manufacturing or other technical defects are found within the specified months from the date of installation, commissioning and handing over the Equipment to the University Authorities, the same will have to be rectified or replaced at free of cost by the supplier.
- 1.2.5 During the Warranty period, if due to manufacturing and other technical defects of the equipment supplied, the Equipment is down and it is not restored to in working condition within 48 hours the supplier shall be liable for a penalty of one percent per week during breakdown period on the total contract price.
- 1.2.6 The Warranty will cover all the materials and goods supplied by the supplier under this contract irrespective of the fact whether these have been manufacturer by the supplier or not.
- 1.2.7 In case of failure by tenderer to deliver goods or materials demanded from them within the period specified for delivery or in case of goods or materials being delivered without a correct invoice in duplicate, the Registrar or anyone duly authorized by him shall have power to reject

any such goods or materials so rejected or not delivered unless the supplier shall have power to reject any such goods or materials so rejected or not delivered unless the supplier shall themselves forthwith supply others that shall be sufficient and satisfactory and any excess of cost so incurred by the tenderer over the contract price together with all charges and expenses incurred on the purchase shall be recoverable by the University from the supplier.

1.2.8 The University will not be held responsible for any consequences arising out of patent right problems.

### 1.3 BIDDING DOCUMENTS/ CLARIFICATIONS AND QUERIES TO THE TENDER

1.3.1 The Bidder is expected / advised to go through the tender documents and understand all instructions, forms, terms, scope of the work and specifications in the tender documents. The tender shall be submitted as per the procedure and requirements stipulated herein Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect shall be at the Bidder's risk and may result in rejection of the bid. The tender offer is liable to be rejected outright without any intimation to the Bidder if complete information as called for in the tender document is not given therein, or if the Forms/Proforma in the tender are not fully furnished.

1.3.2 A prospective Bidder requiring any clarification in the Tender shall notify University through email regarding For the Technical Eligibility and other Tender Conditions to [registrartvu@mail.com](mailto:registrartvu@mail.com) in the following format (in spread sheet file) only.

Tender Reference						
Name of Company					Mobile No.	
Contact Person					Email ID	
S. No	Page No.	Clause No.	Title of the Clause	Description of the Clauses as per Tender Document	Clarification/ Amendment Sought	Reason for requesting the amendment

1.3.3. For the Technical Specifications of products to [registrartvu@mail.com](mailto:registrartvu@mail.com) in the following format (in spread sheet file) only.

Tender Reference						
Name of Company					Mobile No.	
Contact Person Name					Email ID	
S	Page	Item	Item	Existing	Technical Amendment	Reason for

No.	No.	Code	Name	Specification as per Tender document	Parameter as per Tender Document	Requested	requesting the amendment

1.3.4. The responses to the queries shall be notified in the website <https://tntenders.gov.in> by means of Addendum/Corrigendum to the Tender Document and shall form part of the Tender document.

1.3.5. Inputs/Suggestions/Queries/Clarifications submitted by Bidder shall be given due consideration. However, it is not mandatory for UNIVERSITY to accept or communicate the response to any of The Bidder'Inputs/suggestions/queries/clarifications.

#### 1.4. NON -TRANSFERABLE BID

The tender document is not transferable.

#### 1.5. REJECTION OF BID

The Thiruvalluvar University Vellore reserves the right to accept /reject / release or relax any or all or part of the bids received on the due date without assigning any reason whatsoever

#### 1.6 EARNEST MONEY DEPOSIT (EMD)

1.6.1 EMD amount as specified in the Tender Schedule shall be paid electronically through their respective internet banking enabled account via NEFT/RTGS to the account mentioned in the Tender Schedule.

1.6.2 Documentary proof of having deposited the EMD shall be submitted under Technical Bid.

1.6.3 In the case of EMD charges paid in advance by the Bidder, but due to some reasons the Bids could not be uploaded, EMD charges paid earlier shall be refunded by applying through a letter of request to Thiruvalluvar University with necessary proof.

1.6.4 If the Successful Bidder fails to act according to the Tender conditions or backs out or fails to accept the LOA, after the Tender has been accepted, the EMD shall be forfeited by Thiruvalluvar University.

1.6.5 If the Successful Bidder fails to remit the Security Deposit, or sign the Contract the EMD remitted by them shall be forfeited by Thiruvalluvar University and the Tender submitted by the Bidder shall be held void.

1.6.6 The Earnest Money Deposit (EMD) of the Successful Bidder shall be returned



when the Successful Bidder furnishes the required Security Deposit and after confirmation of the genuineness of the Bank guarantee from the issuing Bank in case of Bank Guarantee.

- 1.6.7 EMD of the unsuccessful Bidder shall be returned after Signing of Contract with the Successful Bidder. The EMD amount held by Thiruvalluvar University till it is refunded to the Successful Bidder/Unsuccessful Bidder shall not earn any interest thereof for any reason whatsoever.
- 1.6.8 Bidder with valid MSME certificate on the date of opening of Bids is exempted from the Payment of EMD. Copy of the MSME certificate shall be submitted in the Technical Bid. Udyam Registration Number certificate should broadly cover the Equipment/Service called for in the Tender.

### **1.7.SIGNING OF BIDS**

- 1.7.1. All crucial documents have to be duly signed. Not signing may lead to rejection of the Bid.
- 1.7.2. All the documents uploaded shall be authenticated by digital signature.
- 1.7.3. The Bid shall contain no inter-lineation, erasures or overwriting except as necessary to correct errors made by the Bidder in which case such corrections shall be counter signed by the Authorised person with date.

### **1.8. COMPLETENESS OF BIDS**

The bid shall be summarily rejected if all or any of the above documents mentioned in the Annexure are not enclosed.

### **1.9. ERASUERS OR ALTERATIONS.**

Offers containing erasures or Alterations shall not be considered. There should be no Handwritten Material, corrections or Alterations in the offer. Technical details must be completely filled in. Filling up of the Technical Detail Form using terms such as "OK", "Accepted". "Noted", "As given in brochure/Manual" is not acceptable. The *Tendering Authority* may treat offers not adhering to these guidelines as unacceptable.

### **1.10 DEADLINE FOR SUBMISSION OF BIDS**

- 1.10.1 For Submission of tender, tenderer must complete the bid submission stage as per schedule of the tender. The tenderers should ensure that their tender is submitted before the expiry of the scheduled date and time. In the event of the specified date for the submission of Bids being declared as a holiday for the Tendering Authority, the bids shall be received up to the appointed time on the next working day.
- 1.10.2 The Tendering Authority may, as its discretion, extend this deadline for submission of bids, in which case all rights and obligations of the Tendering Authority and Bidders subject to the deadline shall thereafter be subject to the deadline as extended.

## **1.11. LATE BIDS**

- 1.11.1 No delay on account of any cause will be entertained, and University shall not be responsible for that and any grievance regarding this shall not be entertained.

## **1.12. AMENDMENTS TO THE TENDER**

- 1.12.1. University may amend the Tender document as per requirements or wherever University feels that such amendments are absolutely necessary. Amendments also may be made in response to the queries by the prospective Bidder.

- 1.12.2. Corrigendum/addendum if any shall be notified in <https://tntenders.gov.in>.

- 1.12.3. The Bidder shall periodically check for the Corrigendum/addendum or information in the websites till the closing date of the Tender. UNIVERSITY shall not make any individual communication to the bidders and shall in no way be responsible for any ignorance pleaded by the Bidder.

- 1.12.4. No clarifications would be offered by UNIVERSITY within 48 hours prior to the due date and time for opening of the Tender.

- 1.12.5. UNIVERSITY at its discretion may or may not extend the due date and time for the submission of Bids on account of Corrigendum/addendum.

- 1.12.6. UNIVERSITY is not responsible for any misinterpretation of the provisions of this Tender document on account of the Bidder's failure to keep them updated of the Bid documents on changes announced in the website.

## **1.13. LANGUAGE OF THE BID**

- 1.13.1. The Bid prepared by the Bidder as well as all correspondence and documents relating to the Bid shall be in English only. The supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation in English duly notarised, in which case, for all purposes of the Bid, the translation provided by the Bidder shall govern. Bids received without such translated copies may be rejected.

## **1.14. BID CURRENCY**

- 1.14.1. Price shall be quoted in Indian Rupees (INR) only and payment shall be made in Indian Rupees only.

- 1.14.2. The Contractor shall be solely responsible for payment of remuneration to the employees employed for the performance of the obligations and to comply with

the Rules and Regulations as laid down in Payment of Wages Act, 1936, Minimum Wages Act, 1948, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Employees State Insurance Act, 1948, Contract Labour (Regulation and Abolition) Act, 1952, Payment of Bonus Act, 1965, Employees Provident Funds and Miscellaneous Provisions Act, 1952, Shops and Establishment Act, Factories Act, 1948 and all the applicable Laws from time to time. Any consequences arising due to non-compliance of the provisions as specified above shall be the sole responsibility of the Contractor. The relationship between the parties is on principal to principal basis and cannot be construed as partnership, agency, delegations or contract labour, etc.

### **1.15. LETTER OF AUTHORISATION**

- 1.15.1. Letter of Authorisation or Power of Attorney from the Board of Directors /Competent authority shall be submitted in the Technical Bid, failing which the Bid shall be summarily rejected.

### **1.16. TENDER VALIDITY**

- 1.16.1. The offer submitted by the Bidder shall be valid for initial period of ninety (90) days from the date of opening of Tender.
- 1.16.2. The validity of the Bids shall be extended up to 180 days when extension is sought.

### **1.17. CONTACTING TENDER AUTHORITIES**

- 1.17.1. Bidder shall not make attempts to establish unsolicited and unauthorized contact with the Tender Accepting Authority, Tender Inviting Authority or Tender Scrutiny Committee after the opening of the Tender and prior to the notification of the Award.
- 1.17.2. Any attempt by any Bidder to bring to bear extraneous pressures on the Tender Accepting Authority or Tender Scrutiny Committee shall be a sufficient reason to disqualify the Bidder.
- 1.17.3. Notwithstanding anything mentioned above, the Authority may seek bonafide clarifications from Bidder relating to the Tenders submitted by them during the evaluation of Tenders. The bidder is bound to furnish the clarification sought by UNIVERSITY and failure to do so may lead to summary rejection of the tender.

## **1.17. CORRUPT, FRAUDULENT PRACTICE / AND MISREPRESENTATION.**

- 1.17.1. The Tendering Authority requires that the bidders/suppliers/contractors under this tender observe the highest standards of ethics during the procurement and execution of such contracts.
- 1.17.2. For the purposes of this provision, the terms defined for CORRUPT, FRAUDULENT PRACTICES / AND MISREPRESENTATION will be as per Law.
- 1.17.3. The Tendering Authority shall reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- 1.17.4. The Tendering Authority shall declare a firm ineligible, either indefinitely or for a stated period of time, if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

## **1.18. PERFORMANCE SECURITY/ SECURITY DEPOSIT AND SIGNING OF CONTRACT**

- 1.18.1. Within **Ten (10) days** of the receipt of notification of award from the Tendering Authority, the successful Vendor shall furnish the Performance Security/ Security Deposit in accordance with the Conditions of Contract, in the performance security/ Security Deposit form provided in this document or in another form acceptable to the Tendering Authority.
- 1.18.2. The Security Deposit, **not exceeding the 5% of the value of the order**, shall be the form of a Bank guarantee issued by a nationalized/scheduled bank located in India acceptable to the Tendering Authority in the form provided in the bidding documents
- 1.18.3. The Performance Security/ Security Deposit shall be discharged by the Tendering Authority and returned to the Vendor within thirty (30) days after the expiry of the contract period/extension period.
- 1.18.4. The successful bidders should enter in to a contract by signing agreement within the period specified by the Tendering Authority without fail. Failure of the successful bidder to sign the contract, proposed in this document (Conditions of Contract) and as may be modified, elaborated or amended through the award letter, shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Tendering Authority may make the award to another bidder or call for new bids.

## **1.19. BINDING CLAUSE**

- 1.19.1. All decisions taken by the Tendering Authority regarding the processing of this tender and award of contract shall be final and binding on all parties concerned. The

Tendering Authority, reserves the right:-

- 1.19.2. To vary, modify, revise, amend or change any of the terms and conditions in this Bid;
- 1.19.3. To reject any or all the tender/s without assigning any reason whatsoever thereof or to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder(s) are any obligation to inform the affected bidder(s) of the grounds for such decision.

## **1.20. CONDITIONAL TENDERS**

Hypothetical, ambiguous or Conditional tenders shall be summarily rejected.

## **1.21. INTERPRETATION OF THE CLAUSES**

In case of any ambiguity in the interpretation of any of the clauses in Tender Document or the Contract Document, the Tendering Authority's interpretation of the clauses shall be final and binding on all parties.

## **1.22. FINANCIAL AND LEGAL LIABILITY**

The Vendor shall be solely responsible for any financial issues arising out of the result of this Contract. Any financial loss to Thiruvalluvar University Vellore., due to faulty work as a result of this tender, shall be sole responsibility of vendor and he has to fulfill all claims arising out of this problem.

## **1.23. INDEMNITY**

- 1.23.1. The Bidder shall indemnify Tendering Authority from and against any costs, loss, damages, expenses and claims including those from third parties or liabilities of any kind howsoever suffered arising or incurred interalia during and after the contract period out of:-
- 1.23.2. Any negligence or wrongful act or omission by the Bidder or any subcontract or third party in connection with or incidental to this contract or
- 1.23.3. Any breach of any of the terms of this contract by all Vendors or any sub-contract or third party.

## **2. COMMERCIAL TERMS**

### **2.1 PAYMENT SCHEDULE**

**2.1.1** No advance payment will be made.

**2.1.2** The schedule of payment shall be as follows:

- A) The terms of payments for the purchase of equipment:100% of the total cost of Equipment's will be paid on installation, commissioning and handing over of the same after testing all the technical specifications and certified by the Registrar Thiruvalluvar University, Vellore concerned for releasing the payment.

B) The terms of payments for work: 100% of payment will be paid after completion of the work and the same after testing all the technical specifications/measurement and certified by the Registrar Thiruvalluvar University, Vellore concerned for releasing the payment.

**2.1.3** The office of The REGISTRAR Thiruvalluvar University Vellore will deduct Income Tax and other statutory taxes at Source as applicable from time to time.

**2.1.4** For claiming this payment the following documents are to be submitted to the Purchaser.

**2.1.4.1** Invoice duly pre-receipted

**2.1.4.2** Delivery Challan / Bills in duly pre-receipted.

**2.1.4.3** Thiruvalluvar University GST No. 33AAAJT1886B1Z9 should be mentioned in the Invoice

**2.1.5** No payment will be made for goods/works rejected at the site on testing. Also, no payment will be made for rejected items/incomplete work, which do not confirm to the specifications/measurement stipulated.

## **2.2 PENALTY**

**2.2.1** In normal circumstances, Goods/items/works should be supplied/carry over strictly as per the schedule mentioned in the supply/work order. However, in urgent cases, items are to be supplied immediately. In case of delay in supplying the material/carry over the work, a Liquidated Damage will be imposed @ 1% per day of total cost of unsupplied Items/pending work- subject to a maximum of 10% of the total cost of unsupplied items/pending work – shall be liable to be imposed upon the defaulting firm by this office. In case of delay beyond 10 days, this office will be at liberty to procure the concerned item(s) from any other Agency at the risk and cost of the supplier and also it will result in the forfeiture of the Performance Security

**2.2.2** For any other irregularities, mistakes, etc. Penalty at the discretion of Tendering Authority will be imposed.

**2.2.3** That for unsatisfactory performance owing to absence of Vendor's staff, deficiencies in services/work/items or for some other reason the tendering authority shall be within its rights to make necessary deductions from the running bills of the Vendor for such deficiency in services/work/items. Alternatively, the tendering authority may, after giving an opportunity of being heard to the Vendor, get such deficiencies fulfilled at the cost and responsibility of the Vendor.

## **2.3 SUSPENSION OF WORK**

The Service Provider shall, if ordered in writing by the tendering authority for non-performance, temporarily suspend the works or any part thereof for such a period and such a time as ordered. The Service Provider shall not be entitled to claim compensation for any

loss or damage sustained by him by reason of temporary suspension of the Works as aforesaid. An extension of time for completion, corresponding with the delay caused by any such suspension of the works as aforesaid shall be granted to the Service Provider, if request for same is made and that the suspension was not consequent to any default or failure on the part of the Bidder. In case the suspension of works, is not consequent to any default or failure on the part of the Service Provider, and lasts for a period of more than 2 months, the Service Provider shall have the option to request the tendering authority to terminate the Contract with mutual consent.

## **2.4 TERMINATION**

- 2.4.1 The Tendering Authority may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Vendor, terminate the Contract in whole or part:-
- 2.4.1.1. If the Vendor fails to deliver any or all of the Goods or Services/Work within the period(s) specified in the Contract,
  - 2.4.1.2. If the Vendor fails to perform as per the Quality standards and as per the Scope of the Work.
  - 2.4.1.3. If the Vendor, in the judgment of the Tendering Authority has engaged in corrupt or fraudulent practices in competing for or in Executing the Contract. For the purpose of this clause the definition for corrupt practice and fraudulent practice shall be as per the law.
- 2.4.2 The Tendering Authority may also at its sole discretion accept full or part work and also reserves the right to delete any items from the scope of the work.
- 2.4.3 The Tendering Authority may, without prejudice to any other remedy for breach of contract, by written notice sent to the Vendor, without assigning any reason may terminate the Contract in whole or part, if the tendering authority satisfies that the services of the Vendor are no more required or Vendor is not executing its services properly.
- 2.4.4 If the Vendor after submission of Bid and due acceptance of the same ie. after placement of order fails to abide by the terms and conditions of the tender document or fails to execute the work as per the prescribed schedule given or at any time repudiates the contract, the tendering authority will have the right to forfeit the EMD, invoke performance security deposited by the firm and get the work done from other vendor at the risk and consequences of the first vendor. The cost difference between the alternative arrangements and vendor's bid value will be recovered from the firm along with other incidental charges including transportation, taxes, etc. in case tendering authority is forced to work done through alternative sources and if the cost is lower, no benefit on this account would be passed on the vendor.
- 2.4.5 The tendering authorities may be terminate contract if complete confidentiality is not maintained of this work and records relating to the work
- 2.4.6 In case of failure by the bidder to carry out the job in accordance with provisions of the contract and as per the Scope of the Work, the tendering authority will have right to cancel

the contract and award it to any other vendor and any loss sustained thereby will be recoverable from the first vendor.

## **2.5 RESOLUTION OF DISPUTES**

- 2.5.1 The Tendering Authority and the Vendor shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them in connection with the contract.
- 2.5.2 If, after thirty (30) days from the commencement of such informal negotiations, the Tendering Authority and the Vendor have been unable to resolve amicably a contract dispute, all such disputes, differences, claims and demands arising under the contract shall be referred to arbitration of a sole Arbitrator to be appointed by the mutual consent. All arbitrations shall be held in Vellore.
- 2.5.3. If arbitrator fails to settle the matter, the matter shall be referred to the competent court of law having jurisdiction at Vellore only.

## **2.6 APPLICABLE LAW**

The contract shall be interpreted in accordance with appropriate Indian laws.

## **2.7 TAXES AND DUTIES**

The Vendor shall be entirely responsible for all taxes, duties, license fees, road permits etc. No increase in the rates shall be allowed during the period of the contract. However, a cost escalation request shall be considered at the sole discretion of the Tendering Authority at the expiry of a year of the successful completion of the contract keeping in view the general escalation of cost of the raw material / service as per the prevalent market situation

## **2.8 NOTICES**

- 2.8.1. Any notice given by one party to the other pursuant to this contract shall be sent to the other party in writing or by telex, cable or facsimile and confirmed in writing to the party's address
- 2.8.2. A notice shall be effective when delivered or on the notices effective date whichever is later. For the purposes of all notices by the Vendor to the Tendering Authority on change address if informed in writing, these shall be sent to the Tendering Authority by the Vendor at the address mentioned in the Letter of Award -

## **3. ELIGIBILITY CRITERIA**

The following are the mandatory requirements and must be fulfilled by the bidder for consideration, failing which the bid may be rejected.

- 3.1. The bidder should be a company registered in India with a minimum of three years of existence in the relevant field.



- 3.2. The bidder should have GST,PAN/TAN.
- 3.3. The bidder should have a minimum average turnover of at least **Rs. 2 Crores per year**. The bidder must auditor certificate and the balance sheet for the last three financial years i.e., 2020-21, 2021-22 and 2022-23.
- 3.4. The bidder should have experience of setting up 'infrastructure and campus surveillance system that was used to execute and monitor the online digital valuation project for minimum of three Government colleges/School/Govt. office/ Public/ Private institution/ affiliating universities (Project executed till tender publishing date will be considered).
- 3.5. As part of the Online Digital Valuation System (ODVS) project- infrastructure and campus surveillance solution, execution for state affiliating universities the bidder should have setup the infrastructure like required tables, chairs, air conditioners and onsite surveillance system, using which the University could review the activities and after setting-up the infrastructure.
- 3.6. The bidder must not have been blacklisted or have any instances of forfeiture of any amount - EMD or otherwise - for inability to perform their duties by any government (central or state) universities, undertakings, institutions or departments. The Bidder should provide a self-declaration.
- 3.7. The Bidder shall have office in Tamilnadu If the Bidder does not have an office in Tamilnadu as on date of submission of bid, the Bidder if selected, shall be required to open an office within 30 days from the date of issuance of Letter of Acceptance (LOA).
- 3.8. The bidder should be registered under GST and should submit the GST certificate, PAN Card copy and 3 years ITR's.
- 3.9. Special Note...**
- 3.9.1. The documentary evidence in form of work orders, contract, agreements or client report must be enclosed from the client.
- 3.9.2. Experience of last three financial years will be considered i.e., **April 2020** to tender publishing date.

## **4. SCOPE OF WORK**

- 4.1. To upgrade the University infrastructure and establish campus surveillance system to enable transparent Online Digital valuation of answer-books and arrest the chances of malpractice (if any) while processing/moving answer-books. The overall scope of work for infrastructure and campus surveillance projects is focused on ensuring that the system is designed, installed, and configured to meet the specific needs of

Thiruvalluvar University and provide quality/secure infrastructure and effective monitoring/surveillance capabilities.

- 4.2. The prospective vendors is expected to upgrade the infrastructure, CCTV setup and establish AI Based campus surveillance system at the venue where answer-books are handled/processed and enable real-time video feed to all authorized University stakeholders. The vendor should also enable sufficient storage to save video feed at critical venues for at least 6 months
- 4.3. Thiruvalluvar University is looking for the following deliverable from prospective vendors to achieve upgrade infrastructure at venue where answer-books are handled/processed for evaluation, improving campus security and enhancing safety.
- 4.4. **Infrastructure:** Vendor needs to remodel the venue which is proposed to handle/process the answer-books for online digital valuation. The vendor is expected to place **quality/sturdy furniture** (i.e., tables, chairs, fixtures etc.), **build quality false ceiling**, set up **air-conditioning** systems, carry out electrical & networking work to handle unforeseen contingencies (i.e., Fire Alarms, Earthing System, Lightning arrester etc.), **Set up generator** system to ensure uninterrupted power supply in case of power failures etc. The vendor needs to also install racks for storing answer-booklet prior to processing and after processing and maintain the same while carrying out online digital valuation work.
- 4.5. **Campus Surveillance System:** The installation of CCTV cameras, recording devices, software, and other equipment required to monitor and record activity in the designated areas. AI Based Surveillance facility at the venue where answer-books of students are processed. The vendor is expected to setup and configuration of the network infrastructure required to support the CCTV setup and AI based surveillance system and ensure that the data can be transmitted and accessed as needed. Apart from installing top quality material the vendor is also expected to provide storage devices, and other equipment required to support the campus surveillance system.
- 4.6. The vendor will be responsible for the design and layout of the surveillance system, including the placement of cameras, selection of lenses, and configuration of recording devices to ensure adequate coverage of the designated areas and take the University's approval to implement the same.
- 4.7. The testing and commissioning of the infrastructure, CCTV setup and AI Based surveillance system to ensure that it is operating as intended, including the calibration of cameras, verification of recording quality, and confirmation of network connectivity.

- 4.8. The vendor needs to maintain for a duration of 3 years all the hardware equipment's deployed/installed at the venue proposed for handling/processing the answer-books.

## 5 BID PREPARATION AND SUBMISSION GUIDELINES

### 5.1 e-Tender Procedure:

- 5.1.1 Tender document is uploaded in the e-Tender portal <https://tntenders.gov.in>. The prospective Bidder shall register themselves in the e-Tender Portal (<https://tntenders.gov.in>) and submit the Bids electronically through the e- Tender portal.
- 5.1.2 It is mandatory for the Bidder to possess a valid Class -3 Signing and Encryption Digital Signature Certificate in the name of the Tender submitting authority to complete the e-Tender Bid process as per the provisions of Government of India IT Act 2000 with latest amendments.
- 5.1.3 Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://tntenders.gov.in> under the link "Information about DSC".
- 5.1.4 The website has user manuals with detailed guidelines on enrolment and participation in the online Bidding process. The user manuals can be downloaded for ready reference.
- 5.1.5 An e-Tender training session may be held on the date and time as mentioned in the Tender Schedule. The Bidders are requested to download the e-Tender help manual and user manuals from the Portal for reference.
- 5.1.6 The registered Bidder can log into the e-Tender portal and download the BidForms and Tender document /corrigendum as applicable and go through them carefully.
- 5.1.7 Bidder shall go through the Tender documents and get ready with all relevant documents in pdf/xls/rar formats as indicated therein and then have them uploaded against each category. In the Technical Bid, Bidder may attach an index page wherever necessary, in the beginning, which indicates the details of the files/documents that follow the index page against Technical Bid content indicated. This shall also help for easy reference later.
- 5.1.8 While scanning the Bid documents to convert to pdf, Bidder shall scan

the page in 65 to 100 dpi mode, to get a readable page after scanning and also the size of the document shall also be lesser. For pages in text, it is advised to use 65 dpi mode and for pages with images, 100 dpi mode.

5.1.9 Bidder shall be ready with the Technical Bid and Price Bid in filled form well in advance to avoid last minute submission and once the bids are ready in all aspects, they may choose the freeze option to submit the Bid finally and thereafter they shall get a **Bid acknowledgement receipt** which is the final end, indicating the Successful submission of the Bid.

5.1.10 The Technical and Price Bids shall be submitted separately using the Digital Signature Certificates.

5.1.11 The Bids shall be submitted online not later than the date and time specified in the Tender Schedule or Corrigendum if published. E-Tender portal shall automatically lock the date and time exactly as specified in the tender.

5.1.12 If the bid is not fully submitted before the closing date and time and the bid submission is in progress and could not be completed before the closing date and time, the bid will not be successfully submitted. Hence the Bidder should be cautious to submit the Bids well in advance to avoid failures in the submission of their bids.

5.1.13 UNIVERSITY shall not be responsible for the failure of the Bidder to submit the Bids due to any reason.

5.1.14 For all Tender processing activities, the server time indicated at the top of the e- Portal, while doing Bid submission/Tender opening activities shall be final. The Local system time shall not be taken into account in such case.

5.1.15 The e-Tender system shall issue a **Bid acknowledgement receipt** which is the final proof for the Successful Bid submission.

5.1.16 Bidder may contact the **Helpdesk Ph. No. 04424461505** at National Informatics Centre for support on the Tender portal.

## **5.2. Preparation and Submission of Bids**

5.2.1 Bidder should familiarise with all Instructions, Terms and Conditions and Technical specifications given in the Tender document. Failure to furnish information required by the Bid or submission of a Bid not substantially responsive in every aspect shall be at the Bidder risk and may result in rejection of Bids.

5.2.2 Any bid with conditions other than those specified in the Tender document is liable to be summarily rejected. No modification by the Bidder in any of the conditions shall be permitted.

5.2.3 All crucial documents have to be duly signed. Not signing may lead to rejection of the Bid.

5.2.4 All the documents uploaded shall be authenticated by digital signature.

5.2.5 The Bid shall contain no inter-lineation, erasures or overwriting except as necessary to correct errors made by the Bidder in which case such corrections shall be counter signed by the Authorised person with date.

### **5.3. Technical Bid Form**

5.3.1. Bidder has to upload the relevant documents in the format, as sought in the Tender against each Item. The Bidder has to verify each uploaded document and sign the same using the Digital Signature Certificate (DSC) before final submission of the bid.

5.3.2. The Technical Bid Format shall not be changed or altered or tampered. If the Bid format is found to be tampered/altered, the Bids shall be summarily rejected.

5.3.3. The Technical Bid documents shall not strictly contain any Price indications, failing which the Bids shall be summarily rejected.

5.3.4. The Technical Bid format as given in the Tender shall be filled and signed using the DSC and the scanned copy in the prescribed format shall be submitted.

5.3.5. The supporting documents and other documents shall be submitted as.pdf in the Technical Bid.

### **5.4. Price (Financial)Bid Form**

5.4.1. Bidder shall submit a Price Bid letter in pdf in the format annexed.

5.4.2. The Price Bid Form called as the Bill of Quantity (BOQ) shall be in spread sheet format (xls). The original BOQ shall be downloaded from the Tender site, filled in at the appropriate places indicated in offline and then it has to be uploaded with the same name against the Price Bid option. The BOQ has to be verified and then signed using the DSC before final submission.

5.4.3. The Price Bid Form shall not be changed or altered or tampered. If the Bid form is tampered/altered, the Bids shall be summarily rejected.

5.4.4. The Price Bid Form shall contain only price offers.

5.4.5. The Price Bid Form shall not contain any conditional offers or variation clause otherwise the Bids shall be summarily rejected.

5.4.6. The cost quoted by the Bidder shall include cost and expenses on all counts viz., cost of equipment, materials, tools, software, techniques, methodologies, manpower, supervision, administration, overheads, travel, lodging, boarding, in-station & outstation expenses, etc., and any other cost involved in the supply.

5.4.7. The Bidder shall give the total Price with break up details of all Levies, Taxes & duties, Surcharges, EPF, ESI, Packing, Forwarding, Freight and insurance, etc. The AMC prices shall be quoted by the Bidder considering the fact that the basic cost of the item includes the cost of Additional warranty

## **6. COST OF BIDDING**

**6.1.** The Bidder shall bear all costs associated with the Preparation, Submission and Evaluation of Bids including the cost for Sample evaluation and Demonstration. UNIVERSITY/End User shall in no way be responsible or liable for the charges/costs incurred regardless of the conduct or outcome of the Bidding process.

## **7. TENDER OPENING AND EVALUATION**

### **7.1. Technical Bid Opening**

7.1.1. The Technical Bid shall be opened on the date and time as specified in the Tender schedule in the presence of that Bidder, who chooses to be present against production of an authorisation letter from the Bidder

7.1.2. Maximum of two representatives for each Bidder would be allowed to attend the Tender opening.

7.1.3. If the date of opening of the Bids happens to be holiday, the Tenders shall be opened on the next working day at the same time and the same venue.

### **7.2. Initial Scrutiny**

7.2.1. Initial Bid scrutiny shall be conducted and incomplete details as given below shall be treated as non-responsive.

7.2.2. If Tenders are;

7.2.2.1. not submitted in two parts as specified in the Tender

7.2.2.2. received without the Letter of Authorisation

7.2.2.3. received without EMD amount except Bidder with valid MSME certificate

7.2.2.4. found with suppression of information or incomplete information

7.2.2.5. furnished with subjective and conditional offers.

7.2.2.6. submitted without supporting documents in compliance to the Eligibility Criteria and Evaluation Criteria

7.2.2.7. non-compliance of any of the clauses stipulated in the Tender

7.2.2.8. lesser validity period

**7.2.3.** All responsive Bids shall be considered for further evaluation. The decision of University shall be final in this regard.

### **7.3. TENDER EVALUATION**

#### **7.3.1. Technical Bid Evaluation**

7.3.1.1. Technical Bid evaluation shall be undertaken after the due date of submission of Bid.

7.3.1.2. Tender Scrutiny Committee shall examine the Technical Bids against the Eligibility Criteria and Evaluation Criteria given in the Tender document.

7.3.1.3. Evaluation shall be conducted based on the documents submitted by the Bidder. The Bids which did not meet the eligibility criteria and Evaluation Criteria shall be rejected and further evaluation shall not be carried out.

7.3.1.4. The University may waive any minor infirmity or non-conformity or irregularity of a substantially responsive Bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of the Bidder.

7.3.1.5. For those Bidders who have already worked or working with University, their previous performance in University would also be one of the criteria for selection. If any unsatisfactory performances of the Bidders are found, their Bids may be rejected. Unsatisfactory performance is defined as

7.3.1.5.1. Non responsiveness after getting the LOA (letter of Award) or Purchase order

7.3.1.5.2. Delay in supply, installation of the ordered Items etc.

7.3.1.5.3. Lack of communication about the delay in deliveries, Installation etc.

7.3.1.5.4. Poor support during warranty and contract period.

7.3.1.5.5. Delay in providing services and support issues.

7.3.1.6. Decision of University is final and no dispute can be raised by any Bidder for rejection of their Bids and no claims on this account shall be entertained.

7.3.1.7. The Bidders whose Bids meet the Eligibility Criteria and Technical specifications of the products will be called as Technically Qualified Bidders.

#### **7.3.2. CLARIFICATIONS BY UNIVERSITY**

7.3.2.1. When deemed necessary, University may seek bonafide clarifications on any aspect from the Bidder. However, that would not entitle the Bidder to change or cause any change in the substance of the Bid or Price quoted. No post Bid clarification at the initiative of the Bidder shall be entertained.

7.3.2.2. If any of the documents, required to be submitted along with the Technical Bid is found wanting, the offer may lead to rejection at that stage. However, University at its discretion may call for any clarification regarding the document within a stipulated time period. In case of non-compliance to such queries, the Bid shall be rejected without entertaining further correspondence in this regard.

7.3.2.3. In case if the Bidder failed to comply with the requirements of UNIVERSITY, such Bids may at the discretion of UNIVERSITY, shall be rejected as technically non-responsive.

### **7.3.3. SUBMISSION OF SAMPLES AND DEMONSTRATION**

7.3.3.1. If required by the UNIVERSITY/End User and mentioned in the Special Conditions, evaluation of Samples of the Item/Demonstration of Solution offered shall be undertaken as a part of the Technical Evaluation.

7.3.3.2. In such cases, Bidder must submit Samples as required in the Tender document at its own cost and effort within the stipulated time specified by UNIVERSITY.

### **7.3.4. PRICE BID EVALUATION**

7.3.4.1. Price Bids of the Technically Qualified Bidder shall be opened and evaluated.

7.3.4.2. Price Bids shall be opened in the presence of the Bidder who chooses to be present at University. The Bidder or their authorised representatives shall be allowed to take part in the Price Bid Opening.

7.3.4.3. Price Bid evaluation shall be done as per Act and Rules with latest amendments.

7.3.4.4. Price Bid evaluation shall be undertaken as below

7.3.4.5. The Price Bid Evaluation shall include State Goods and Services Tax, Central Goods and Services Tax, Integrated Goods and Services Tax, and all Central duties such as customs duty as part of the Price. The GST rates quoted shall comply with the statutory guidelines and shall be paid as applicable at the time of billing. If a Bidder quotes a different tax rate, then UNIVERSITY shall evaluate by correcting the tax rate at the existing



level.

- 7.3.4.6. In evaluation of the Price of an imported Item, the Price shall be determined inclusive of the Customs duty and such other levies, if any.
- 7.3.4.7. The Tender Accepting Authority may reject a Tender or the Price offered by a Bidder for an item, if it has determined that the Price Bid/Price in combination with other constituent elements of the Tender is abnormally low or abnormally high in relation to the subject matter of the procurement and raises concerns with such authority as to the ability of the Bidder to perform the Contract.
- 7.3.4.8. Negotiations shall be conducted with L1 Bidder for improvement in the scope, reduction in Price, enhancement of warranty and advancement of delivery schedule among others.
- 7.3.4.9. Unless specified to the contrary in the Special Conditions, L1 Bidder(s) of main item shall be asked to match the Lowest Price of relevant items, add-on items for that main item where they have not become L1.
- 7.3.4.10. In case of failure/inability/default of L1 to supply, any other reasons as deemed fit by UNIVERSITY, L2 bidder in the Tender shall be asked to supply at L1 price. In case of failure/inability of L2 to supply at L1 rates, L3 bidder in the Tender shall be asked to supply at L1 price.
- 7.3.4.11. UNIVERSITY reserves the right to reject any or all of the Tenders received without assignment of a reason.
- 7.3.4.12. The decision of UNIVERSITY is final in the Price Bid Evaluation.

## **8. ACCEPTANCE OF TENDER AND WITHDRAWALS**

- 8.1.** University reserves the right to reject wholly or partly any or all the Tenders without assigning any reason, or relax or waive any of the conditions stipulated in the terms and conditions of Tender as deemed necessary in the best interest of University.
- 8.2.** The Tender Accepting Authority may also reject all the Tenders for reasons such as change in Scope, Specification, lack of anticipated financial resources, court orders, calamities or any other unforeseen circumstances.
- 8.3.** After acceptance of the Tender by University, the Successful Bidder shall have no right to withdraw their Tender or claim higher Price and any violation shall lead to forfeiture of EMD/SD.

## **9. LETTER OF ACCEPTANCE(LOA)**

- 9.1.** After Successful completion of the negotiations and after acceptance of the Tender by University, Letter of Acceptance shall be issued to Successful Bidder.
- 9.2.** LOA will be issued to L1 bidder only. Incase of failure/inability/default of L1 to supply/ any other reasons as deemed fit by University, L2 bidder who matches the rate of L1 will be asked to supply. Incase of failure/inability/default of L2 to supply/ any other reasons as deemed fit by University, L3 bidder who matches the rate of L1 will be asked to supply.
- 9.3.** Unless otherwise indicated, date of issuance of LOA indicates the commencement of the Contract.

## **10.AWARD AND EXECUTION OF CONTRACT**

- 10.1.** The Contract terms and conditions will be communicated to the Successful Bidder at the time of issue of LOA.
- 10.2.** Contract shall be signed with the Successful Bidder after the submission of Security Deposit. Security Deposit shall be given within 7 days of issue of LoA.
- 10.3.** The Successful Bidder shall execute a Contract in the INR 100 non-judicial Stamp Paper bought in Tamil Nadu only in the name of the Bidder within 7 days from the date of submission of Security Deposit.
- 10.4.** The Contract shall include all such changes/modifications as may be indicated by University at the time of execution upon receipt of confirmation from University.
- 10.5.** The expenses incidental to the execution of the agreement shall be borne by the Successful Bidder.

## **11. EXECUTION OF PURCHASE /WORK ORDER**

- 11.1.** Purchase orders shall be placed to the Contractor as per the Terms and Conditions of the Tender.
- 11.2.** Purchase/Work order shall be issued in full or in parts throughout the period of Contract.
- 11.3.** University reserves the right to modify the scope or the quantity in the Tender document and the Contractor shall undertake the work as in the Purchase/Work order.

## ANNEXURE-I

### BILL OF QUANTITY

Sl. No.	Item Description	Quantity	Units
1	2	4	5
1	2 Ton Inverter split Air Conditioner <b>(AC)</b> above 3 Star or 5 star with Copper Coil and Copper Piping and complete installation with accessories (Carrier or Voltas)	10.000	Nos
2	1.5 Ton Inverter split Air Conditioner <b>(AC)</b> above 3 Star or 5 star with Copper Coil and Copper Piping and complete installation with accessories.(Carrier or Voltas)	10.000	Nos
3	<b>Tables</b> - Godrej/Equivalent make – Modular Table Size : 2.5 Ft X 3 Ft.	130.000	Nos
4	<b>Chairs</b> - Godrej/ Equivalent make – Executive adjustable Ergonomic chair 2 inch Thick Foam Cushion Padded Seat   Pneumatic Hydraulic with 4 inch seat height	130.000	Nos
5	<b>Generator (CEIG approved)</b> Make: Kirloskar /Cumminsor similar 150 KVA with Requisite Capacity to power air conditioning, hardware, lighting noise free., etc., (noise free)- 10Ft Iron Stage Stand	2.000	Nos
6	<b>Racking System</b> -Made up of steel frames “L” angles& sheets (18 gage) with 8” height X2”Breath X 4” Length.	50.000	Nos
7	<b>Civil works</b> -False Ceiling (Acoustic System)and Interior Upgradation(Min. 5000 Sq. Ft to 7000 Sq. Ft)	1.000	Per sq Feet
8	<b>Safety features</b> - Fire Extinguisher – Class A/B/C – 5 Kg Extinguisher	15.000	Nos
9	<b>Safety features</b> -Fire Alarm System with 30 Smoke Detectors and necessary cables	1.000	Set
10	<b>Safety features</b> -Fire Proof Door	2.000	Nos
11	<b>Electrical works</b> -Copper Lightning Arrester – Supply and installation of Lightning arrester conventional type 18mm dia 2 mtrs Height with Copper wire connected designated Earth Pit	3.000	Nos
12	<b>Electrical Work</b> -Earthing system - Supply & Installation of (Copper Plate) earth electrode as per approval of EB and the earth electrodes shall be 50mm Dia 3000mm long GI pipe confirming to IS 1249, the entire earth installation shall be as per Indian STD code of practice IS 3043 with Copper Plate 600x600x3.15mm (With bolts & nuts) and funnel arrangement with cover plate and Civil Works and GI Strip.	2.000	Nos
13	<b>Electrical Work</b> -Stabilizer 4kva 10 Nos and 5 kva 10 Nos (Double Booster) - V-Guard	20.000	Nos
14	<b>DISTRIBUTION BOARDS: a) 1,2,3 &amp; b) 1,2,3 &amp; c) 1,2,3</b> Supply, installation, testing and commissioning of the following cubicle type 1.6 mm thick CRCA sheet steel enclosed and partitions to segregate phases recessed in wall or surface mounted final distribution boards of the following description. Distribution board shall be powder coated and double door construction and in three tier configuration. All MCBs with `C` Curve for all DBs and "D" Curve For UPS. a).1.Lighting DB ( FLEXI DB 4 ROW OF 8 WAY ) 40A 4P MCB.	1.000	Nos

15	2.40A DP 30mA RCCB.	3.000	Nos
16	3. 10A SP MCB. " C " Curve MCBs.	18.000	Nos
17	<b>b) Power &amp; HVAC DB (FLEXI DB 4 ROW OF 8 WAY)</b> 1.63A 4P MCB.	2.000	Nos
18	2.63A DP 100mA RCCB.	6.000	Nos
19	3.6/16A SP MCB. ' C " Curve MCBs	32.000	Nos
20	<b>c) UPS DB ( FLEXI DB 4 ROW OF 10 WAY )</b> 1.63A 4P MCB.	2.000	Nos
21	2.63A DP MCB.	6.000	Nos
22	3.10/16A SP MCB." D " Curve MCBs	32.000	Nos
23	<b>LT CABLES: a) &amp; b)</b> <b>Supply, laying and dressing of following 1100 volt grade XLPE insulated PVC sheathed Aluminium/Copper conductor armoured XLPE, FRLS cables as per specification in cable trays, shafts, clamped includes anchor fastners wall with suitable clamps, saddles fixing bolts including connecting testing and commissioning.</b> a) 4C x16Sq.mm XLPE Al. Ar. Cable	240.000	Mtrs
24	b) 4C x16Sq.mm XLPE CU. Ar. Cable	160.000	Mtrs
25	<b>TERMINATION OF CABLES: a) &amp; b)</b> <b>Cable end termination of the following PVC insulated sheathed PVC/XLPE Aluminium /Copper conductor armoured cables of 1100 volt grade including supplying and fixing of crimping aluminium /Copper lugs, Single compression glands with ends of cables etc. complete as required.</b> a) 4C x16Sq.mm XLPE Al. Ar. Cable	6.000	Mtrs
26	b) 4C x16Sq.mm XLPE CU. Ar. Cable	4.000	Mtrs
27	<b>CABLE TRAYS AND ACCESSORIES: a) &amp; b)</b> Supply & installation of galvanized iron pre-fabricated ladder/perforated type G.I. cable tray (suspension covered separately) Rate shall be inclusive of all fabricated items like coupling plates, joints, right angle bends, etc., required as standard material. As required supports like Threaded Hot dip Galvanized M.S. rods complete with Anchor fastner, bolts, nuts, washers, MS supports, Including Supports 1.2Meter Distance etc. a) 300x50x1.6mm thick Perforated cable tray with cover.	80.000	Mtrs
28	b) 200x50x1.6mm thick Perforated tray with cover.	10.000	Mtrs
29	<b>SUBMAINS WIRING: a), b) &amp; c)</b> <b>a) Supply, wiring, testing and commissioning of 3Runs of 2.5Sqmm PVC insulated FRLS multi-strand copper wire for phase, neutral &amp; earth. The Wires are laid in Suitable PVC Conduits and required accessories, pipe fixing materials as per site conditions.</b>	1000.000	Mtrs

30	b) Supply, wiring, testing and commissioning of 3Runs of 4 Sq. mm PVC insulated FRLS multistrand copper wire for phase, neutral & earth. The Wires are laid in Suitable PVC Conduits and required accessories, pipe fixing materials as per site conditions.	1600.000	Mtrs
31	c) Supply, wiring, testing and commissioning of 3C 4Sqmm PVC insulated FRLS multistrand copper cable for phase, neutral & earth. The wires are laid in 20mm dia. PVC FRLS Heavy Duty Conduit with all accessories fixed on wall / ceiling with necessary clamps, screws, etc., as required as per site conditions.	1600.000	Mtrs
32	<b>SWITCH &amp; SOCKETS: a) &amp; b)</b> Supply, Installation, Testing and Commissioning of Modular socket outlets. Each point permanent circuit identification is to be provided. Required Front Plate with/without GI Back box...etc. a) 2X6/16A, 6 Pin Socket Controlled by 2No of 16A Switch.	50.000	Nos
33	b) 3 X 6/16A Socket Controlled by 2 No of 16A Switch	50.000	Nos
34	<b>POINT WIRING: a), b) &amp; c)</b> Supply, wiring, testing and commissioning of 3R 1.5Sqmm PVC insulated FRLS multistrand copper wire laid in 20/25mm PVC FRLS Heavy Duty Conduit for phase, neutral & earth. (from SB to Primary Light Point/ Secondary Point/ End Light Point) with all accessories fixed on wall Front Plate with GI Back box/ ceiling with necessary clamps, screws, etc., as required as per site conditions. a) Primary Light point with 6A switch.	40.000	Nos
35	b) Secondary Light point tapped from Primary light point to End Light Point	50.000	Nos
36	c) Ceiling Fan Point Wiring with Step type Regulator	10.000	Nos
37	<b>PVC CONDUIT: a), b) &amp; c)</b> Supply, Installation, Testing & Commissioning of 2mm thick PVC Heavy duty FRLS Conduits with suitable bends, saddles with base and screws and all necessary accessories as complete as required. a) 40mm heavy duty PVC Conduit.	100.000	Mtrs
38	b) 25mm heavy duty PVC Conduit in Flooring	100.000	Mtrs
39	c) 25mm heavy duty PVC Conduit in ceiling.	100.000	Mtrs
40	<b>LIGHT FIXTURES: a) &amp; f)</b> Supply, Installation, Testing & commissioning of following lighting fixtures with all fixing accessories, Chain supports, fasteners, Clamps etc. as required. a) 36W Recess mounted 2'x2' LED luminaire with full diffuser.( Full Glow G6 - Philips	60.000	Nos
41	b) 18W Recess mounted circular LED Down lighter. Green LED Plus - Philips	10.000	Nos
42	c) 4 Feet Ceiling Fan (Crompton)	10.000	Nos
43	d) LED T5 Batten Light Fixture	20.000	Nos
44	e) Supply and termination of 95 sq. mm 3 core Aluminium cable	140.000	Mtrs
45	f) Supply and installation of change over switch	2.000	Nos
46	<b><u>Campus Surveillance System (AI Based) :Installation, Testing and Commissioning of devices</u></b> a) 5MP IP Bullet Cameras	20.000	Nos
47	b) 24 Port NVR with 10 TB HDD	1.000	Nos
48	c) 4K 55 inch Display Monitor (IPS)	1.000	Nos

49	d) Cat6 cable for IP Cameras	2000.000	Mtrs
50	<b>Networking for 130 Computer Systems: a) to j)</b> a) Supply and laying of Cat6 cable for Networking	2700.000	Mtrs
51	b) Supply and termination of Information outlets Cat.6 Data at Field side	130.000	Nos
52	c) Supply and installation of 24Port patch panel loaded Cat 6	6.000	Nos
53	d) Supply and installation Faceplate single/Dual	130.000	Nos
54	e) Supply and installation of Patch cord Cat 6 for data for Rack end 1mtr	130.000	Nos
55	f) Supply and installation of Patch cord Cat 6 for data at Workstations end 2mtr	130.000	Nos
56	g) Supply and installation of 28 port Giga bit managed switch	6.000	Nos
57	h) 6 Socket power spike	2.000	Nos
58	i) Supply and installation of 22U Floor Mount Rack	1.000	Nos
59	j) Supply and erections of 25mm PVC pipe for Network cabling.	450.000	Nos

## ANNEXURE-II

### PRICE BID SUBMISSION FORM

(in the Bidder's Letter Head to be given in the Price Bid)

To,  
The Registrar  
Thiruvalluvar University  
Serkkadu,  
Vellore – 632 115.

Dear Sir,

Ref: Tender No. **TVU/R/ODVS-ICSS/Examination/2022-2023/2023/8413, Dt. 04.09.2023**

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1. We, the undersigned, offer to provide all the services as specified in the Tender without any conditions.

2. Our Price Bid shall be binding upon us subject to the modifications resulting from Contract negotiations.

3. Our Price Bid quoted covers all taxes, charges and other incidentals without any condition.

1. We undertake that we will strictly observe the laws against fraud and corruption in force in India.

Yours faithfully,

Signature of the Authorized Signatory:

Name and Designation of the Authorized

Signatory: Company Seal:

Place:

Date:

Business Address:

ANNEXURE -III  
FLOOR PLAN

