



திருவள்ளூர் பல்கலைக்கழகம்

THIRUVALLUVAR UNIVERSITY

Serkkadu, Vellore – 632 115

TENDER NOTIFICATION

Tender Notice No. TVU/R/ODVS-ICSS/Examination/2023-2024/2023/

DATED: 24.06.2023

Inviting sealed tender under two cover systems in respect of **Online Digital Valuation System (ODVS) Infrastructure and Campus Surveillance Solution**. The details of the scope of work, terms and conditions are prescribed in tender documents, which can be downloaded from the Thiruvalluvar University website i.e www.tvu.edu.in.

1. Tender document issue date: from **24.06.2023 to 10.07.2023 upto 01.00 P.M**
2. Last Date of receipt of Tender Bid documents : **10.07.2023 upto 3.00 P.M.**
3. Opening of Technical Bid: **10.07.2023 at 4.00 P.M.**

The University reserves the right to reject any or all the tenders without assigning any reasons thereof

REGISTRAR i/c

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/

Dated: 24.06.2023



Tender Document

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

Tender Notification No.TVU/R/ODVS-ICSS/Examination/2023-2024/2023/

Dated:24.06.2023

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 Dt. 24.06.2023
Price of the Tender Document*	Rs.17,700 (Cost of Tender Document Rs.15,000/-+GST Rs.2,700) by way of DD drawn in favour of The Registrar, Thiruvalluvar University - payable at Vellore. Or amount shall be remitted in our University savings bank a/c no. 248401000000001, IOB, Serkkadu, IFSC Code IOBA0002484 and enclose the original remittance challan.
EMD*	Demand Draft drawn for Rs. 2,00,000/- The Registrar, Thiruvalluvar University - payable at Vellore. Or amounts shall be remitted in our University savings bank a/c no. 248401000000001, IOB, Serkkadu, IFSC Code IOBA0002484 and enclose the original remittance challan
Last Date & Time for submission of Tender along with DD for Tender Document,C.T.O and EMD	10.07 .2023 at 03.00 p.m
Opening of Tender Bids and Scrutiny	10.07 .2023 at 04.00 p.m.
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- registrartvu@gmail.com website: www.tvu.edu.in

*SIDCO & NSIC Registered units are exempted from fees

DETAILED TENDER SCHEDULE

Sl.No	Activities	Date	Time
1.	Tender Release	24.06.2023	10.00 a.m
2.	Tender document can be downloaded from Thiruvalluvar university website www.tvu.edu.in	24.06.2023	10.00. a.m
3.	Tender Closing	10.07.2023	03.00 p.m
4.	Tender Opening – Technical Bid	10.07.2023	04.00 p.m
5.	Tender Opening – Commercial Bid		

Sl.No.	SUBJECT	PAGE NO
1.	GENERAL INSTRUCTION	5
2.	COMMERCIAL TERMS	11
3.	ELIGIBILITY CRITERIA	14
4.	SCOPE OF WORK	14
5.	BID SUBMISSION GUIDELINES	15
6.	BID OPENING GUIDELINES	16
7.	ANNEXURE – I (Financial Information)	17
8.	ANNEXURE – II(Similar project Experience)	18
9.	ANNEXURE - III (Bidder Details)	19
10.	ANNEXURE - IV (Financial Bid Format)	20

INSTRUCTION TO TENDERERS FOR SUBMISSION OF TENDER DOCUMENTS

1. GENERAL INSTRUCTION

- 1.1** For Tender documents/schedule, Terms and Conditions – log on to our website <http://www.tvu.edu.in> and can be downloaded
- 1.1.2 The Cost of the Tender documents is **Rs.17,700 (Cost of Tender Document Rs.15,000/-+GST Rs.2,700 /-)**by way of DD drawn in favour of The Registrar, Thiruvalluvar University - payable at Vellore. Or amount shall be remitted in our University savings bank a/c no. 248401000000001, IOB, Serkkadu, IFSC Code IOBA0002484 and enclose the original remittance challan.(SIDCO/NSIC Registered units are exempted from the payment for Cost of the Tender Document)
- 1.1.3 The bidder/tenderer whose commercial offer has been determined to be lowest will be selected and awarded the contract. The Tendering Authority, keeping in view of the technical suitability and past track record of the bidder, shall have the right to select a bidder whose bid is not lowest and to negotiate for lowering the Bid Price and award the contract

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 equipments 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

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 Document* will respond in writing by mail to the Tendering Authority. *Any request* for clarification of the Tender Document should be received **not later than 2 days prior to the last date** for the receipt of bids prescribed. Written copies of the response (including an explanation of the query but without indentifying the source of enquiry) may be sent to all prospective bidders who have received the Tender.

1.4. NON -TRANSFERABLE BID

The tender document is not transferable.

1.5. REJECTION OF BID

The **REGISTRAR** 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 Bidders are required to submit DD for Rs. 2,00,000/- drawn in favour of The Registrar, ThiruvalluvarUniversity - payable at Vellore or amounts shall be remitted in our University savings bank a/c no. 248401000000001,

IOB, Serkkadu, IFSC Code IOBA0002484 and enclose the original remittance challans. Cheques and Bank Guarantee will not be accepted. Offers made without Earnest Money Deposit shall be rejected.(Exempted forSIDCO & NSIC registered units).**Those who have already submitted their tender in our last advertisement dated. 12.04.2023, advertisement no. TVU/R/ODVS-ICSS/Examination/2022-2023/2023 need not submit their EMD.**

1.6.2 Unsuccessful Bidder's Earnest Money Deposit shall be discharged / returned after the expiration of the period of Tender Offer validity prescribed in this tender.

1.6.3 The successful Bidder's Earnest Money Deposit shall be discharged upon the Bidder executing the contract work completely.

1.6.4 The Earnest Money Deposit shall be forfeited and Bid shall be rejected:

- (1)** If a Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid form or
- (2)** In case of a successful Bidder, if the Bidder fails:
 - (i)** To sign the contract form in accordance with the terms and conditions
 - (ii)** To furnish performance security/security deposit as specified in this tender

1.7.SIGNING OF BIDS

Any interlineations, erasures or overwriting shall be valid only if the person or persons signing the bid, attesting them.

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.EVALUATION COMMITTEE

The Technical and Commercial Committee constituted by the University shall evaluate the Tenders. The decision of the Committee in the evaluation of the Technical and Commercial bids shall be final.

1.13.OPENING OF TECHNICAL BIDS:

- 1.13.1 Immediately after closing time and/or at any time and date specified thereafter, the Tendering Authority shall open the bids as per the schedule.
- 1.13.2 The technical bids envelope shall be opened first and listed for further evaluation. The Bidder's names, the presence or the absence of requisite Earnest Money Deposit and such other details as the Tendering Authority, at his discretion, may consider appropriate, shall be announce the time of opening.
- 1.13.3.The financial bids shall not be opened till the completion of evaluation of technical bids.
- 1.13.4Bids shall be opened either in the presence of bidders or it's duly authorized representatives. The bidder representatives who are present shall sign a register evidencing their attendance. Only one representative per applicant shall be permitted to be present at the time of opening the tender.

1.14 CLARIFICATION OF BIDS

- 1.14.1. Any clarification in the tender, the tenderer may contact the Tendering Authority **on or** before 10.07.2023 (between 11.00 a.m to 1. 00 p.m).
- 1.14.2. During evaluation of bids, the Tendering Authority may, as its discretion, ask the Bidder for a clarification of its bid. The request for a clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

1.15.SCRUTINY OF THE BID

- 1.15.1. Preliminary scrutiny shall be made to determine whether bids are complete, whether any computational errors have been made, whether required EMD has been furnished, whether the documents have been properly signed.
- 1.15.2. Prior to the detailed evaluation, the Tendering Authority shall determine the substantial responsiveness of each bid. For purposes of these clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations.
- 1.15.3. If a bid is not substantially responsive, it shall be rejected by the Tendering Authority and

shall not subsequently be made responsive by the bidder by correction of the nonconformity. Technical bid shall be evaluated by examining the documentation furnished by the Bidder to see if the technical skill base and financial capacity and other Vendor attributes claimed therein are consistent with the needs of this project.

1.16. ADDITIONAL INFORMATION

The Tendering Authority may ask Bidder(s) for additional information visit Bidder's site and/or ask for technical presentation and may arrange discussion with their professional, technical faculties to verify claims made in technical bid documentation.

1.17. DATE OF OPENING OF COMMERCIAL BIDS

1.17.1 Commercial Bids of only technically qualified Bidders as mentioned above will be opened.

1.17.2 The opening of the commercial bid shall be effected only after the scrutiny of the technical bid has been completed as above.

1.18. REVISED COMMERCIAL BIDS

1.18.1. Should there be any changes in the terms and conditions of the tender pursuant to the negotiations during the evaluation of the technical bids, which are likely to impact on the financial bids, it shall be mandatory for the Tendering Authority to seek revised commercial bids in sealed covers ONLY from those Bidders cleared by the Technical evaluation committee. While seeking such revised commercial bids, the committee shall give reasons justifying the need for such a course of action.

1.19. CORRUPT, FRAUDULENT PRACTICE / AND MISREPRESENTATION.

1.19.1. 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.

1.19.2. For the purposes of this provision, the terms defined for CORRUPT, FRAUDULENT PRACTICES / AND MISREPRESENTATION will be as per Law.

1.19.3. 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.

1.19.4. 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.

1.20. PERFORMANCE SECURITY/ SECURITY DEPOSIT AND SIGNING OF CONTRACT

1.20.1. 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.

- 1.20.2. The Security Deposit 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
- 1.20.3. 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.
- 1.20.4. 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.

1.21. BINDING CLAUSE

- 1.21.1. 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:-
- 1.21.2. To vary, modify, revise, amend or change any of the terms and conditions in this Bid;
- 1.21.3. 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) or any obligation to inform the affected bidder(s) of the grounds for such decision.

1.22. CONDITIONAL TENDERS

Hypothetical, ambiguous or Conditional tenders shall be summarily rejected.

1.23. 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.

1.24. 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.

1.25. INDEMNITY

- 1.25.1. 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 inter alia during and after the contract period out of:-

- 1.25.2. 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
- 1.25.3. 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 workand 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.

(1) Invoice duly pre-receipted

(2) Delivery Challan / Bills in duly pre-receipted.

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:-

- (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)** If the Vendor fails to perform as per the Quality standards and as per the Scope of the Work.
- (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. 2Crores** infrastructure for digital valuation. 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 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 should be registered under GST and should submit the GST certificate, PAN Card copy and 3 years ITR's.
- 3.8. Special Note...
 - 3.8.1 The documentary evidence in form of work orders, contract, agreements or client report must be enclosed from the client.
 - 3.8.2 Experience of last three financial years will be considered i.e., **April 2020** to tender publishing date.

4. Scope of Work

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.

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

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.

4.1 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.

4.2 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.

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.

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.

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 Submission Guidelines

- 5.1 Bids, complete in all respects, shall be accompanied **EMD** for Rs. 2,00,000 /- in the form of Demand Draft of favoring "The Registrar, Thiruvalluvar University" payable at Vellore Or amount shall be remitted in our University savings bank a/c no. 248401000000001, IOB, Serkkadu, IFSC Code IOBA0002484 and enclose the original remittance challan. Those who have already submitted their tender in our

last advertisement dated. 12.04.2023, advertisement no. TVU/R/ODVS-ICSS/Examination/2022-2023/2023 need not submit their EMD.

5.2 Two Cover Bid

5.2.1 Cover – 1 (Technical Bid)

- EMD & Tender Fee Cover (Exempted for MSME, SIDCO & NSIC registered units Need to Submit the Valid Certification)
- Annexures with all needed supporting documents

5.2.2 Cover – 2 (Financial Bid)

5.2.3 Main Covers i.e., Cover – 1 & Cover – 2 needs to be put into the main cover and super-scribed as “Tender to provide Online Digital Valuation System (ODVS) Infrastructure and Campus Surveillance Solution”

5.2.4 Main Cover needs to be addressed to “The Registrar” and send to the Thiruvalluvar University, Serkadu, Vellore Tamil Nadu – 632 115 India.. The bidders name, address, email and contact number needs to also be mentioned on the left bottom corner on the main cover.

5.3 Bids need to be sent by “Registered Post / Speed Post” or “In Person” so as to reach The Registrar on or before **10.07.2023 by 3.00 p.m.** All bids received after 3.00 p.m. shall not be entertained and will be rejected.

6. Bid Opening Guidelines

- 6.1 The Main Cover and Cover-1 (Technical Bid) will be opened on the same day i.e., 10.07.2023 at 4.00 p.m. in the presence of the bidders or their authorized representatives, who may like to be present and the EMD cover will be opened and bids complying with the EMD fee norms will only be accepted for further processing.
- 6.2 The University evaluates the technical bids with respect of the set eligibility criteria (Section A) and then finally shortlist the bidders. Bids not fulfilling the eligibility criteria will be rejected.
- 6.3 Bids fulfilling the eligibility criteria will be recommended by the university tender purchase committee and then their financial bids will be opened after given prior intimation.
- 6.4 Bid will be selected based on selection criteria
- 6.5 University reserves the right to open/process single bid (if received) following due course of negotiation as recommended by the committee
- 6.6 EMD of rejected bids will be refunded within 30 days of bid finalization.

1. ANNEXURE-I

FINANCIAL INFORMATION

Financial Year	FY- 2020-21	FY- 2021-22	FY- 2022-23
Turnover in Crores for Examination Solution Only			
Average Turnover in Crores			

(Seal/Signature of Bidder)

2. ANNEXURE-II

Similar project Experience

S No	Project	Client	Project Period	Client Contact Details

3. ANNEXURE–III

Bidder Details

1. Name of the Bidder:
2. Address
3. Email Address & Contact Number
4. Name Authorized Person
5. Email id and Contact Number of Authorized Person
6. Legal Status:
7. Year of Incorporation
8. CIN No:
9. GST No:
10. PAN No:

4. ANNEXURE – IV (FINANCIAL BID)

Date:

To,
The Registrar
Thiruvalluvar University, Vellore

Nature of Work: Online Digital Evaluation Solution Infrastructure and Campus Surveillance Solution

Sl. No.	Types of Item	Configuration / Specification	Number of Items	Amount (in Rs.)
1.	Inverter spilt Air Conditioner (AC) above 3 Star with Copper Coil and Copper Piping and complete installation with accessories.	2 Ton	10 Nos.	
		1.5 Ton	10 Nos.	
2	System for Monitoring / CC Cameras	<ul style="list-style-type: none"> ● MP Bullet Cameras ● 24 Port NVR with 10 TB Hard Drive ● Monitor ● Requisite cabling ● Campus Surveillance System (AI Based) 	20 Nos.	
3	Furniture	Tables - Godrej/Equivalent make – Modular Table Size : 2.5 Ft X 3 Ft.	130 Nos.	
		Chairs - Godrej/ Equivalent make – Executive adjustable Ergonomic chair 2 inch Thick Foam Cushion Padded Seat Pneumatic Hydraulic with 4 inch seat height	130 Nos.	
4	Generator (CEIG approved)	Make: Kirloskar /Cumminsor similar 150 KVA with Requisite Capacity to power air conditioning, hardware, lighting noise free., etc., (noise free)	2 Nos.	

5	Racking System	Made up of steel frames "L" angles & sheets (18 gage) with 8" height X 2" Breadth X 4" Length.	50 Nos.	
6	Civil works	False Ceiling (Acoustic System) and Interior Upgradation (Min. 6000 Sq. Ft to 7000 Sq. Ft)	Per Sq. ft.	
7	Safety features	a) Fire Extinguisher – Class A/B/C – 5 Kg Extinguisher	15 Nos.	
		b) Fire Alarm System with 30 Smoke Detectors and necessary cables – 1 set.	1 Set	
		c) Fire Proof Door	2 Nos.	
8	Electrical works	a) Copper Lightning Arrester – Supply and installation of Lightning arrester conventional type 18mm dia 2 mtrs Height with Copper wire connected designated Earth Pit	3 Nos.	
		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 Nos.	
		c) Stabilizer 4kva 10 Nos and 5 kva 10 Nos (Double Booster)	20 Nos.	
9	Lighting / Electricals - Floor Plan is attached herewith in the last page.			
9.01	DISTRIBUTION BOARDS 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	a) Lighting DB (FLEXI DB 4 ROW OF 8 WAY) Lighting Distribution board comprising the following with over all sheet steel enclosure.	Incomer:	1 No.
			1 No. 40A 4P MCB.	
			Sub Incomings:	
			3No. 40A DP 30mA RCCB.	
			Outgoings:	
18 Nos. 10A SP MCB. " C				

	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.		" Curve MCBs.		
		b) Power & HVAC DB (FLEXI DB 4 ROW OF 8 WAY) Power Distribution board comprising the following with over all sheet steel enclosure.	Incomer:	2 Nos.	
1 No. 63A 4P MCB.					
Sub Incomings:					
3No. 63A DP 100mA RCCB.					
Outgoings:					
18 Nos. 6/16A SP MCB. ' C " Curve MCBs					
		c) UPS DB (FLEXI DB 4 ROW OF 10 WAY) Power Distribution board comprising the following with over all sheet steel enclosure.	Incomer:	2 Nos.	
			1 No. 63A 4P MCB.		
			Sub Incomings:		
			3No. 63A DP MCB.		
			Outgoings:		
18 Nos. 10/16A SP MCB." D " Curve MCBs					
9.02	LT CABLES 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,	a) 4C x16Sq.mm XLPE Al. Ar. Cable		240 Mtrs.	
		b) 4C x16Sq.mm XLPE CU. Ar. Cable		160 Mtrs.	

	shafts, clamped includes anchor fastners wall with suitable clamps, saddles fixing bolts including connecting testing and commissioning.			
9.03	TERMINATION OF CABLES 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.	a) 4C x16Sq.mm XLPE Al. Ar. Cable	6 Nos.	
		b) 4C x16Sq.mm XLPE CU. Ar. Cable	4 Nos.	
9.04	CABLE TRAYS AND ACCESSORIES 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 Mtrs.	
		b) 200x50x1.6mm thick Perforated tray with cover.	10 Mtrs.	

9.05	SUBMAINS WIRING	a) Supply, wiring, testing and commissioning of 3Runs of 2.5Sqmm PVC insulated FRLS multi-strand copper wire for phase, neutral & earth. The Wires are laid in Suitable PVC Conduits and required accessories, pipe fixing materials asper site conditions.	1000 Mtrs.	
		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 asper site conditions.	1600 Mtrs.	
		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 Mtrs.	
9.06	SWITCH & SOCKETS 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 Nos.	
		b) 3 X 6/16A Socket Controlled by 2 No of 16A Switch	50 Nos.	
9.07	POINT WIRING Supply, wiring, testing and commissioning of 3R 1.5Sqmm PVC insulated FRLS multistring 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	a) Primary Light point with 6A switch.	40 Nos.	
		b) Secondary Light point tapped from Primary light point to End Light Point	50 Nos.	
		c) Ceiling Fan Point Wiring with Step type Regulator	10 Nos.	

	on wall Front Plate with GI Back box/ ceiling with necessary clamps, screws, etc., as required as per site conditions.			
9.08	PVC CONDUIT 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 Mtrs.	
		b) 25mm heavy duty PVC Conduit in Flooring	100 Mtrs.	
		c) 25mm heavy duty PVC Conduit in ceiling.	100 Mtrs.	
9.09	LIGHT FIXTURES 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 Nos.	
		b) 18W Recess mounted circular LED Down lighter. Green LED Plus - Philips	10 Nos.	
		c) 4 Feet Ceiling Fan	10 Nos.	
		d) LED T5 Batten Light Fixture	20 Nos.	
		e) Supply and termination of 95 sq. mm 3 core Aluminium cable	140 Mtrs.	
		f) Supply and installation of change over switch	2 Nos.	
10	Networking for 130 Computer Systems	a) Supply and laying of Cat6 cable	2690 Mtrs.	
		b) Supply and termination of Information outlets Cat.6 Data at Field side	130 Nos.	
		c) Supply and installation of 24Port patch panel loaded Cat 6	6 Nos.	
		d) Supply and installation Faceplate single/Dual	130 Nos.	
		e) Supply and installation of Patch cord Cat 6 for data for Rack end 1mtr	130 Nos.	

		f) Supply and installation of Patch cord Cat 6 for data at Workstations end 2mtr	130 Nos.	
		g) Supply and installation of 28 port Giga bit managed switch	6 Nos.	
		h) 6 Socket power spike	2 Nos.	
		i) Supply and installation of 22U Floor Mount Rack	1 Nos.	
		j) Supply and erections of 25mm PVC pipe for Network cabling.	450 Mtrs.	

(Signature & Seal of the Bidder) _____

Name of the bidder _____

Registered address of the bidder _____

Contact details of the bidder _____



FLOOR PLAN

