VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY: BURLA

P.O: Engineering College Burla (Siddhi Vihar), Dist: Sambalpur
Odisha – 768018, India
Website: www.vssut.ac.in, E-mail: registrar@vssut.ac.in, Ph: (0663) 2430573, Fax: 2430592

No.: VSSUT/ETC/2161/2026 **Date: 28/10/2026**

TENDER CALL NOTICE

Sealed bids, in two separate covers (Technical bid and Financial bid) are invited from original manufacturers / authorized suppliers / authorized dealers for the supply, installation, commissioning, maintenance and demonstration of various equipment/ software licenses and development tools (**EDA Tool License, Crop Monitoring Drone with Thermal Camera Setup, GPU and Data Server**) under the sanctioned AICTE-RPS non-recurring grant for the Project "ASIC Solution for AI-Based Precision Agriculture" for the Department of Electronics and Telecommunication Engineering, VSSUT, Burla, Sambalpur, Odisha. The tenders shall reach the office of the undersigned through **Speed / Registered Post / Courier services only on or before 17/11/2026 up to 4.30 PM.**

For more details, please visit our university website **www.vssut.ac.in**. The authority reserves the right to accept or reject any or all the tenders without assigning any reason thereof.

REGISTRAR

REGISTRAR
VSS. University of Technology
Burla, Sambalpur, Odisha-768018

Size: 8 × 6 Sq cm

Memo No. VSSUT/ETC/2162/2026 **Date: 28/10/2026**

Copy to:

1. The Director, Department of I & PR, Govt. of Odisha, Bhubaneswar with request to publish the above advertisement in one issue of the All Odisha daily edition of "The Samaja" and All India edition of "The New Indian Express + Indian Express" at the I&PR approved/lowest rate. The bill may be sent in triplicate along with a copy of the paper in which the publication is made.
2. University Notice Board of VSSUT, Burla.
3. Comptroller of Finance for information and necessary action.
4. Dean SRIC for information and necessary action.
5. Dean F & P, with a request to upload the notice & documents in the university website.
6. PA to Vice Chancellor for information of the Honorable Vice Chancellor.

REGISTRAR
VSSUT, Burla

REGISTRAR
VSS. University of Technology
Burla, Sambalpur, Odisha-768018

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY: BURLA

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No.: VSSUT/ETC/2161 /2026 Date: 28/10/2026

TENDER CALL NOTICE

Sealed bids, in two separate covers (**Technical Bid and Financial Bid**) are invited by **"The Registrar, Veer Surendra Sai University of Technology, Odisha"** from original manufacturers / authorized suppliers / authorized dealers for **Supply, Installation, Commissioning, Maintenance and Demonstration of Equipment, Software Licenses and Development Tools (EDA Tool License, Crop Monitoring Drone with Thermal Camera Setup, GPU and Data Server)** the sanctioned AICTE-RPS non-recurring grant for the Project "ASIC Solution for AI-Based Precision Agriculture" for the Department of Electronics and Telecommunication Engineering, VSSUT, Burla, Odisha . The sealed quotations shall reach the undersigned by Regd. / Speed Post / Courier services within office hours by **4.30 PM of 17/ 11/2026**. Tenders received beyond this date & time shall be rejected. **"Tender for supply of EDA Tool License/ Crop Monitoring Drone with Thermal Camera Setup/GPU /Data Server"** must be superscribed on the sealed envelope. The details of the equipment / software and their technical specifications are mentioned below.

Details of the Equipment / Software

Table No. 1: Detail Specifications of Equipment

Sl. No	Item & Description	Quantity	Specifications
1	**EDA Tool License (Siemens EDA / Mentor Graphics – Academic License)**	20 User License for 3 Years	**1. IC Nanometer Design Bundle Software for 20 users with 3-year license**, comprising the following modules: (1) Calibre nmLVS-H Op SW (2) Calibre nmDRC Ap SW (3) Calibre nmDRC-H Op SW (4) Calibre nmLVS Ap SW (5) xCalibrate Ap SW (6) Calibre Interactive Ap SW (7) Calibre RVE/QDB-H Ap SW (8) Calibre DESIGNrev Ap SW (9) Calibre ADP Op SW (10) Calibre YieldAnalyzer Bnd SW (11) Calibre YieldEnhancer Bnd SW (12) Calibre Pattern Match Op SW (13) Calibre xACT 3D Ap SW (14) Calibre xRC and xACT Ap SW (15) Symphony Kernel Op SW (16) S-Edit Design Ap SW (17) L-Edit IC EE Ap SW (18) L-Edit MEMS Plus EE Ap SW (19) L-Edit Photonics Ap SW

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Sl. No	Item & Description	Quantity	Specifications
			(20) T-Spice AMS Simulator EE Bnd SW (21) Solido DE Core Ap SW (22) Advanced Node Option Op SW (23) Calibre PERC Ap SW (24) Solido SPICE Ap SW (25) Insight Analyzer Ap SW (26) Insight Developer Ap SW (27) Calibre 3DPERC (die2die) Op SW (28) S-Edit Analysis Ap SW **2. One-day Sandeepani authorized certified training for faculty.**
2	**Crop Monitoring Drone + Thermal Camera Setup**	1 + 1	**Complete Ready-to-Fly Custom Mapping Setup** **Drone Frame & Propulsion:** Carbon fiber quadcopter frame (small 7–13 inch wheelbase) with high-efficiency BLDC motors **Flight Controller & GPS:** Pixhawk 4 or Cube Orange for fully autonomous agricultural waypoint mission mapping **Thermal + RGB Camera Payload:** Guide Sensmart drone-specific camera or InfiRay module (384×288 or 640×512 resolution) **Gimbal & Stabilization:** 2-axis or 3-axis mini stabilization gimbal **Remote Controller & Telemetry:** SIYI MK15 or Skydroid H12 (integrated HD video & telemetry up to 3.5 km+) **Batteries & Charger:** 6S LiPo / LiHV battery pack (high capacity for mapping)
3	**GPU**	1 Unit	**Technical Specifications** **GPU:** NVIDIA GeForce RTX 5070 Ti **Architecture:** Blackwell (TSMC 4N) **CUDA cores:** 8,960 **Tensor cores:** 280 (5th gen, FP4/FP8 support) **RT cores:** 70 (4th gen) **Boost clock:** About 2.45 GHz (varies by brand) **VRAM:** 16 GB GDDR7 **Memory bus:** 256-bit **Memory bandwidth:** 896 GB/s **Interface:** PCIe 5.0 x16 **TDP / board power:** 300 W **Power connector:** 1 × 16-pin (12V-2x6) **Recommended PSU:** 750 W **Display outputs:** 3 × DisplayPort 2.1b, 1 × HDMI 2.1b **Software:** CUDA, cuDNN, TensorRT, PyTorch/TensorFlow support, DLSS 4

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Sl. No	Item & Description	Quantity	Specifications
4	**Data Server** (2-bay Network Attached Storage)	1 Unit	**Technical Specifications** **Processor:** Intel Celeron J4125, quad-core, 2.0 GHz (burst up to 2.7 GHz) **Hardware encryption / transcoding:** AES-NI; Intel UHD Graphics 600 (hardware video transcoding) **Memory:** 2 GB DDR4 non-ECC (onboard) **Max memory:** 6 GB (2 GB onboard + one 4 GB SO-DIMM slot) **Drive bays:** 2 × 3.5" / 2.5" SATA HDD/SSD, hot-swappable **Included drives:** Seagate IronWolf NAS HDDs or equivalent NAS-grade HDDs, 2 nos.; capacity: _____ TB each **Max single volume:** 108 TB **RAID types:** Basic, JBOD, RAID 0, RAID 1, Synology Hybrid RAID (SHR) **File system:** Btrfs, ext4 (internal); exFAT, NTFS, ext4, FAT32 (external) **LAN ports:** 2 × 1 GbE RJ-45, with link aggregation/failover support **USB ports:** 2 × USB 3.2 Gen 1 **Cooling:** 1 × 92 mm fan **Dimensions (H × W × D):** 165 × 108 × 232.2 mm **Weight:** About 1.3 kg without drives **Power adapter:** 60 W, 100–240 V AC **Power consumption:** About 14.7 W when accessing data, 4.4 W in HDD hibernation **Key software:** Photos, Hyper Backup, Snapshot Replication, Active Backup, Surveillance Station, Docker (Container Manager) **NAS warranty:** 3 years **Drive warranty:** 3 years (Seagate or compatible), typically with Rescue data-recovery service

The bidders may download the **Tender Documents** directly from the website available at **http://www.vssut.ac.in** and the Earnest Money Deposit (EMD) (**Rs. 5,000/-**) amount and the Tender cost fee of **Rs. 1,000/- (Non-refundable)** by way of separate Demand Drafts drawn in favour of **"The Registrar, Veer Surendra Sai University of Technology, Burla" payable at SBI, Burla** should be enclosed along with the Technical Bid. In case of any bid clarification, responsibility lies with the bidders to collect the same from the website and the purchaser shall have no responsibility for any delay / omission on the part of the bidder.

TIME SCHEDULE:

a) Date of commencement of downloading bidding document: **30/10/2026 at 04.30 PM**

b) Last date and time for receipt of bids: **17/11/2026 up to 04.30 PM**

c) Time and date of opening of Tender & Technical Bid: **18/11/2026 at 11.30 AM**

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d) Time and date of opening of Financial Bid: **20/11/2026 at 04.30 PM**

PLACE OF OPENING OF TENDER AND ADDRESS FOR COMMUNICATION AND RECEIPT OF BID DOCUMENTS

THE REGISTRAR
VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, ODISHA
At: Burla, PO: Burla Engineering College, Dist: Sambalpur – 768018
Tel. No.: 0663-2430211, Fax No.: 0663-2430204

REGISTRAR
VSSUT, Burla

REGISTRAR
V.S.S. University of Technology
Burla, Sambalpur, Odisha-768018

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SECTION-1
TECHNICAL PROPOSAL SUBMISSION FORM

LETTER OF BID

To
The Registrar
VSSUT, Burla – 768018

Ref: Invitation for **Tender Notice No.** _____ **Date:** _____

We, the undersigned, declare that:

1. We have examined and have no reservations to the Bidding Documents, including addenda issued in accordance with Instructions to Bidders.
2. We offer to execute in conformity with the Bidding Documents for **Supply, Installation, Commissioning, Maintenance and Demonstration of Equipment, Software Licenses and Development Tools (EDA Tool License, Crop Monitoring Drone with Thermal Camera Setup, GPU and Data Server) for the Department of Electronics and Telecommunication Engineering, VSSUT, Burla under AICTE RPS 2025.**
3. Our bid shall be valid for a period of **180 days** from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiry of that period.
4. If our bid is accepted, we commit to submit a performance security in accordance with the Bidding Documents.
5. We also declare that the Government of Odisha or any other Government body has not declared us ineligible or blacklisted on charges of engaging in corrupt, fraudulent, collusive or coercive practices or any failure/lapses of serious nature.
6. We also accept all the terms and conditions of this bidding document and undertake to abide by them, including the condition that you are not bound to accept the highest ranked bid / lowest bid or any other bid that you may receive.

Yours sincerely,

Authorized Signatory with company seal (Authorized person shall attach a copy of Authorization for signing on behalf of Bidding Company)

Full Name and Designation

(To be printed on Bidder's letterhead)

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VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY: BURLA

P.O: Engineering College Burla (Siddhi Vihar), Dist: Sambalpur

Odisha – 768018, India

Website: www.vssut.ac.in, E-mail: registrar@vssut.ac.in, Ph: (0663) 2430573, Fax: 2430592

INSTRUCTIONS TO THE BIDDER

General Terms and Conditions

GENERAL TERMS & CONDITIONS OF CONTRACT FOR SUPPLY, INSTALLATION, COMMISSIONING, MAINTENANCE AND DEMONSTRATION OF EQUIPMENT, SOFTWARE LICENSES AND DEVELOPMENT TOOLS (EDA TOOL LICENSE, CROP MONITORING DRONE WITH THERMAL CAMERA SETUP, GPU AND DATA SERVER) AS REQUIRED FOR the AICTERPS Project of VSSUT, BURLA, ODISHA.

GENERAL INSTRUCTIONS

The Department of Electronics and Telecommunication Engineering, Veer Surendra Sai University of Technology (VSSUT), Burla, requires **EDA Tool Licenses, a Crop Monitoring Drone with Thermal Camera Setup, a GPU, and a Data Server of the mentioned specifications to be supplied, installed, commissioned, maintained,** and demonstrated at the site. The equipment list is given in Table No. 2 below.

Table No. 2: List of Equipment Required

Sl. No	Item & Description	Quantity
1	EDA Tool License (Siemens EDA / Mentor Graphics – Academic License)	20 User License for 3 Years
2	Crop Monitoring Drone + Thermal Camera Setup	1 + 1
3	GPU	1 Unit
4	Data Server	1 Unit

The detailed specification requirements of the equipment are mentioned in the tender documents, which may be downloaded from our university website http://www.vssut.ac.in.

While all efforts have been made to avoid errors in the drafting of the tender documents, the Bidder is advised to check the same carefully and get it clarified before submission of the tender, and no claim on account of any errors detected later in the tender documents shall be entertained.

Each page of the Tender documents must be stamped, signed and numbered by the bidder submitting the tender in token of his/her having acquainted himself/herself and accepted the entire tender documents including various conditions of contract. **Any Bid with any of the documents not so signed is liable to be rejected at the discretion of the University.**

NO PAGE SHOULD BE REMOVED / DETACHED FROM THIS BIDDING DOCUMENT.

The bidder shall attach a copy of the authorization letter / power of attorney as proof of authorization for signing on behalf of the Bidder.

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All Bidders are hereby explicitly informed that conditional offers or offers with deviations from the conditions of Contract, bids not meeting the minimum eligibility criteria, Technical Bids not accompanied with EMD, Non-Responsive Technical Bids or any other requirements stipulated in the tender documents **are liable to be rejected.**

The parties to the Bid shall be the "Bidders" (to whom the work can be awarded) and VSSUT, Burla shall be termed as the University, who can accept/reject any bid without assigning any reason.

For all purposes of the contract including arbitration thereunder, the address of the bidder mentioned in the bid shall be final unless the bidder notifies a change of address by a separate letter sent by registered post with acknowledgement to VSSUT, Burla. The bidder shall be solely responsible for the consequences of any omission or error to notify change of address in the aforesaid manner.

The University reserves the right to amend/cancel this tender at any stage/time without assigning any reason. The decision/interpretation of the competent authority of the University shall be final and binding.

1. Document Establishing Bidder's Eligibility & Qualification

The Bidders shall furnish, as part of the Bid, the following documents establishing the Bidder's eligibility and qualification to the Purchaser's satisfaction.

1.1 Manufacturers / Authorized Distributors / Dealers having a valid license / certificates for the quoted item, and direct Importers holding a valid Import License, are eligible to participate in the Bid.

1.2 Bidders should have **ISI or equivalent** certification for quoted instruments and equipment. However, the Purchaser shall have the right to consider the items where ISI or equivalent certification is not applicable.

1.3 The Bidder, whether manufacturer/distributor/dealer, must have experience of supply and installation of similar items as quoted in the Bid at different Govt. Organizations, PSUs / Reputed Government Institutions & Universities like IITs, NITs / Reputed Private Institutions within India during at least the last preceding 2 (two) years reckoned from the date of bid opening, and the details must be submitted along with documentary proof **(Annexure-VI)**. More than 2 years' experience shall be preferred.

1.4 The Bidders shall produce documents in support of their service associates **nearest to an Eastern State of India / Bhubaneswar / Sambalpur / Western Region of Odisha.**

1.5 The Bidder shall provide demonstration of the different hardware/software components **to the Purchaser.**

1.6 The Bidder shall quote items of one reputed brand/model with all accessories, wherever applicable, with the desired specification in complete to perform the functionality of the equipment.

1.7 Manufacturers must submit a copy of the Company Incorporation Certificate (CIN) and GST Registration Certificate issued by the competent authority. In case of Authorized Distributors / Dealers / Suppliers, they must submit the Manufacturer's authorization along with a copy of the above documents of the Manufacturer.

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1.8 The bidder must have GST registration in the state of Odisha. If not registered, **an affidavit must be submitted**, committing to obtain the Odisha GST certificate before finalization of the bid; otherwise the tenderer has all rights to disqualify the bid of the bidder.

1.9 The bidder may furnish a valid and current registration certificate issued by the National Small Industries Corporation (NSIC). However, submission of this certificate is mandatory for bidders seeking to avail any exemptions or preferences applicable to MSEs as per the prevailing Public Procurement Policy.

2. Document Establishing Goods' Eligibility

The various equipment, hardware and software offered against the schedule of requirements should be in accordance with the stipulated specifications and of one reputed brand/model, wherever applicable. (**N.B.:** Variation in specification is allowed up to ±5% in case of different hardware.)

2.1 The bidder shall submit Product Data Sheets / Catalogues of the quoted products and provide details of the specifications of equipment, hardware and software with major technical features as enlisted in the **complete sets of Annexure-V.**

2.2 The bidder shall clearly specify in the bid the compatibility of the various equipment and individual units.

2.3 The quantity shown in the bid can be increased or decreased to any extent depending upon the actual requirement.

2.4 Different equipment/machine/hardware/software should have a testing certificate for its satisfactory functioning.

3. Technical Bid (COVER – A)

The following documents should be submitted in **Cover-A, the first page being the Technical Proposal Submission Form (Letter of Bid) mentioned in Section 1**, duly signed on the Bidder's letterhead. Any documents not mentioned in this section but mentioned in Sections 1 & 2 must also be included in **Cover-A.**

3.1 Tender Cost Fee and the Earnest Money Deposit in the form of separate DDs, as specified in the Tender Call Notice on the website of the University.

3.2 Technical details and specifications of the different equipment/software/hardware in the complete sets of **Annexure-V.**

3.3 Copy of the manufacturing license / import license / Authorized Distributor / Dealer certificates.

3.4 Copy of the authorization from the Manufacturing Company in case of an Authorized Distributor / Dealer (**Annexure-III**) along with the Manufacturer's Industry Registration and Tax Registration Certificate.

3.5 GST clearance certificate up to date, where applicable.

3.6 Certificates declaring Performance credential / Market standing / Installation certificate / Competency certificate establishing that the Bidder has executed supply of similar items as mentioned in the Schedule of Requirement of equipment, hardware and software to different

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Govt. Organizations, PSUs / Reputed Government Institutions & Universities like IITs, NITs / Reputed Private Institutions **(Annexure-VI).**

3.7 Copy of the IT PAN Card should be submitted.

3.8 Detailed name, address, telephone no., fax, e-mail of the firm (bidder) and of the Director / Managing Director / Proprietor of the firm (bidder) (as per **Annexure-IV**).

3.9 Address, Telephone No., e-mail, Fax of the Branch Office / Contact Person / Liaising Office in Odisha (as per **Annexure-IV**).

3.10 Power of Attorney / Authorization to a person for liaising and monitoring the business on behalf of the manufacturer / bidder / Joint Venture Consortium, but not entitled to raise the bills.

3.11 The Bidder/OEM must submit mandatory certification, i.e. ISO 9001:2015, and additional certification documents like ISO 14001:2015, ISO 45001:2018, CE, RoHS, GMP, OEM should also be submitted to claim better quality of the equipment.

3.12 The original bid document signed & sealed by the authorized person on each page as a token of acceptance of all terms and conditions of the tender, with the original receipt.

3.13 Documentary evidence establishing that the equipment, hardware, software and ancillary services to be supplied by the Bidder shall conform to the Bidding Document.

3.14 Any deviation in the specification of the item, including standard accessories / optional accessories in complete for functionality of the hardware, should be marked in **bold letters.**

3.15 Technical and other details of the different hardware, software and equipment, if any, should be provided.

3.16 The details of the service station / service associates nearest to Bhubaneswar / Sambalpur / Eastern Region of India shall have to be submitted to qualify in the technical bid.

3.17 All bidders are required to e-mail well in advance to confirm site visit availability. Upon receiving approval, bidders shall visit the site at their own expense and submit a compliance report along with a photograph of the site visit approval as proof, as well as a layout plan prepared according to the site conditions, to be included with the bid in the Technical Specification Bid.

3.18 The Bidder should be affiliated with the relevant Sector Skill Council (SSC) in India related to the specific skill development program or training initiative. Bidders who produce a true copy of a bid-specific authorization from a Sector Skill Council or an authorization letter from ASDC shall be preferred during technical bid evaluation.

3.19 Bidders shall quote only those products (part of service delivery) in the bid and must provide a necessary declaration by the OEM showing that the quoted equipment (hardware/software etc.) is not obsolete in the market and has at least 5 years of residual market life, i.e. the offered product shall not be declared end-of-life by the OEM before this period.

4. Financial Bid (COVER – B)

4.1 The hard copy of the Financial Bid giving the rates for the various instruments, equipment, software and other items should be submitted along with a sealed soft copy of the **Financial**

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Bid in Excel format through CD/Pen drive, both in a separate sealed cover hereinafter called **Cover-B (Financial Bid).**

4.2 The price of each item shall be quoted as per the prescribed Price Schedule Format at **Annexure-I**, along with the price break-up of custom duty, excise duty, GST, packing, forwarding and handling charges, insurance charges, ET, freight up to destination including unloading, commissioning including testing and training, with the total price per item at the destination. The bidders are required to submit the individual price of each item as indicated in the schedule of requirements.

4.3 Each quoted item and all accessories should cover the warranty for **2 (two) years** from the date of commissioning (**Annexure-II**).

4.4 **Cover-B** of the **technically qualified** bidders shall only be opened at the Office of **"The Registrar, Veer Surendra Sai University of Technology, Burla"** on the date and time as specified in the tender document, after evaluation of the technical bid in **Cover-A** as per the eligibility conditions laid down in Sections 1, 2 and 3 of this document and the minimum technical score, by a Technical Committee appointed by the Purchaser (see Section 5.16 for details).

4.5 The cost of standard accessories shall be included in the basic price, and optional accessories shall have to be quoted separately.

5. BID CONDITIONS

5.1 The quoted rate shall not vary with the quantum of order placed or destination point.

5.2 A copy of the original bid conditions and the schedules should be signed by the bidder at the bottom of each page with the office seal duly affixed and returned along with the bid. The bid schedule should be duly filled in with an **index** and **page number** for the documents, enclosures & EMD etc. **Page numbering** must be done for all the documents submitted.

5.3 Bids should be typewritten or computerized, and every correction/overwriting in the bid should invariably be attested with the signature of the bidder with date before submission of the bids to the authorities concerned. No revision of price upward or downward will be allowed once the bid is opened. However, the purchaser shall have the right to consider the exchange rate of foreign currencies on verification of documents.

5.4 **Language of Bid:** The Bid prepared by the bidders and all correspondence and documents relating to the bid exchanged by the Bidders and the Purchaser shall be written in the English language. Supporting documents and printed literature furnished by the Bidders may be written in another language provided they are accompanied by an accurate translation of the relevant passages in the English language, in which case, for purposes of interpretation of the Bid, the English translation shall govern.

5.5 **Bid Price**

- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialling, dating and re-writing.
- All duties, taxes and other levies payable on the raw materials and components, job contract, software and hardware equipment shall be included in the total price.
- GST in connection with the sale shall be shown separately.

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- The rates quoted by the bidders shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The price shall be quoted in Indian Rupees only.

5.6 **GST clearance:** Copies of valid GST clearance certificates shall be furnished by the Bidders, and the originals of the above certificates shall be produced to the purchaser before placement of the notification of award, if asked for by the Purchaser.

5.7 **EMD:** All bidders are required to submit an **EMD of Rs. 50,000/- in the shape of a Demand Draft** drawn in favour of **"The Registrar, Veer Surendra Sai University of Technology, Burla" payable at SBI, Burla** only. The EMD shall be in Indian Rupees.

NOTE: Non-submission of EMD or submission of less EMD than the desired one shall result in rejection of the Bid. The EMD deposited against other Bids cannot be adjusted or considered for this Bid. No interest is payable on EMD. In the absence of the EMD, the technical proposal of the bidder shall be rejected. However, as per the Finance Department, Govt. of Odisha office memorandum no. 21926 dated 12.08.2015, the local MSEs registered with respective DICs, Khadi, Village, Cottage & Handicraft Industries, OSIC and NSIC are exempted from submission of EMD while participating in tenders of Govt. Departments and Agencies under its control. It is further clarified that the above exemption is applicable to local MSEs registered in Odisha only. This exemption shall be applicable if the kind of service required under this tender enquiry is clearly specified against the details of the service to be provided in their DIC / NSIC registration certificate (to be furnished in the technical bid).

5.8 **SUBMISSION OF BIDS – Sealing and Marking of Bids**

The Bid should be submitted in a two-bid system containing two parts as detailed below.

Sealed Cover-A: Technical Bid. (Apart from documents mentioned in Section 3, any document mentioned in Sections 1 & 2 should also be within this cover.)

Sealed Cover-B: Financial Bid (hard copy & sealed soft copy in CD/pen drive).

Both the sealed envelopes of Cover-A and B should then be put in one Outer Cover, and each cover should have the following indication:

i) Name of Dept./Section: _____

ii) Reference No. of Bid: _____

iii) Bid regarding: _____

iv) Due date & time for submission of the Bid: _____

v) Due date & time for opening of the Bid: _____

vi) Name of the Firm: _____

NOTE:

A. Bids submitted without following the two-bid system procedure as mentioned above will be summarily rejected.

B. Please note that **prices should not be indicated in the Technical Bid.** The prequalification documents including EMD as required in the Bid document should invariably be accompanied with the Technical Bid (Cover-A).

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The outer envelope shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared "late". If the cover containing the outer envelope is not sealed and marked as required, the Purchaser will assume no responsibility for the bid's misplacement or premature opening.

The above procedure shall be adopted both for the **Technical bid and Financial bid separately.** Telex, cable, e-mail or facsimile bids will be rejected. Note that the documents in proof of supplier and goods eligibility mentioned in Sections 1 and 2, along with the Technical Bid documents mentioned in Section 3, should be placed in the same order as mentioned in the bid document with proper indexing and page numbering, and preferably spiral bound.

5.9 **Deadline for Submission of Bids:** Bids must be received by the Purchaser at the address specified not later than the time and date specified in the Invitation for Bids. In the event of the specified date for the submission of bids being declared a holiday for the Purchaser, the bids will be received up to the appointed time on the next working day. The Purchaser may, at its discretion, extend this deadline for submission of bids by amending the bid document, in which case all previous rights and obligations of the purchaser and bidders will remain the same till the extended date.

5.10 **Modification and Withdrawal of Bids:** No modification or withdrawal of bids is allowed between the time of submission and the last date and time of the bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the bidder on the bid form.

5.11 **BID OPENING**

5.11.1 All the Technical Bids will be opened by the Technical Evaluation Committee authorised by the purchaser, on the specified date and time, at the Office of **"The Registrar, Veer Surendra Sai University of Technology, Burla"**, in the presence of bidders' representatives who choose to attend the bid opening. The bidders must have submitted authorization letters for the concerned representative.

5.11.2 The bidders' representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of bid opening being declared a holiday for the Purchaser, the bids shall be opened at the appointed time and location on the next working day.

5.11.3 The bidders' names, the presence or absence of the requisite EMD and such other details as the Purchaser, at its discretion, may consider appropriate will be announced at the opening of Bids. No bid shall be rejected during bid opening, except for late bids, which shall be returned unopened to the bidders.

5.11.4 All the bidders whose technical bids are eligible after evaluation of documents by the technical committee are required to **further give a presentation (modalities and other details of which shall be communicated via mail)** arranged and scheduled by the purchaser on a suitable date and time after opening of the technical bid.

5.12 **Acceptance of the Bid**

5.12.1 Bidders submitting bids would be considered as the ones who have verified and accepted all terms and conditions. No enquiries, verbal or written, shall be entertained in respect of acceptance or rejection of the bid.

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5.12.2 Genuine equipment, software/hardware etc. should be supplied. Bidders should indicate the source of supply, i.e. name and address of the manufacturers from whom the items are to be sourced.

5.12.3 Supply of equipment means installation and commissioning (except civil works), demonstration as well as training and maintenance at site. **No separate charges will be paid on this account.**

5.13 **Rejection of the Bid:** The Bid document may be outrightly rejected under the following stipulations, and no correspondence will be entertained whatsoever.

5.13.1 If the Bidder has failed to furnish the required **Tender paper cost and EMD amount**, or failed to provide valid, verifiable regulatory certificates to claim a legal exemption, if applicable.

5.13.2 **Deviation from Core Technical Specifications:** Any "No" or negative deviation listed in the mandatory technical compliance sheet for the hardware/software. In such case, the bidder shall be declared non-responsive and the bid rejected.

5.13.3 If the Bidder has not submitted the Financial Bid as per the prescribed format **Annexure-I.**

5.13.4 **If the Bidder has not submitted the warranty certificate** as per the prescribed format **Annexure-II.**

5.13.5 Manufacturing Authorization as per **Annexure-III**: in case of an Authorized Distributor / Dealer / Supplier, if the bidder has not submitted the manufacturer's authorization from the Manufacturing Industry/Firm, a photocopy of the up-to-date valid manufacturing license / import license (if imported) / dealership certificate / distributor certificate of the product along with the Tax Registration Certificate of the Manufacturer issued by the competent authority; or missing mandatory statutory documents such as a valid GSTIN registration, PAN card, or audited financial balance sheets.

5.13.6 If the bidders, whether manufacturer or authorized distributor/dealer, have not supplied the required information as per **Annexure-IV with supporting documents.**

5.13.7 If the bidder has not furnished technical details of the different hardware/software with **one make & model** as per **Annexure-V.**

5.13.8 If the Bidder is found to be blacklisted by any Central/State Government Department or PSU.

5.13.9 If the bidder is found to be non-responsive due to not meeting the Non-Divisible Package Bid nature of the Tender (see Section 5.16.2).

5.13.10 If the bidders have not agreed to give **bid validity.**

5.14 **Purchaser's Right to Accept any Bid and to Reject any Bid:** The Purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all the bids without assigning any reason thereof at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders on the grounds of such action of the purchaser. In case no bidder qualifies as per the qualifying criteria and standards, the purchaser may at his discretion relax the qualification criteria for award of contract.

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5.15 **Comparison and Evaluation of Bids:** The University shall follow the Quality and Cost Based Selection (QCBS) bid evaluation system, where both the technical bid and financial bid shall be considered for evaluation after qualifying in the technical bid as per the prescribed criteria. Some general criteria that will be adopted for both technical and financial bids, as applicable, are explained below.

5.15.1 The comparison shall be on FOR destination price basis, including the price of all costs wherever applicable as well as duties and taxes **(but excluding GST)** paid or payable on machinery, instruments, equipment and software incorporated or to be incorporated in the items, including the warranty/guarantee period from the date of installation.

5.15.2 The Purchaser's evaluation of a bid will consider, in addition to the bid price, the price of incidental services.

5.15.3 The purpose of bid evaluation is to determine the substantially responsive bid with the **highest evaluated score of (Technical Bid Score (Ts) + Financial Bid Score (Fs)), but not necessarily the lowest submitted L1 price**, which should be recommended for award (see Section 5.16).

5.15.4 Evaluation of bids shall be made strictly in terms of the provisions in the bid document to ensure compliance with the technical and financial aspects.

5.15.5 The past performance of the suppliers will be considered while evaluating the bids.

5.15.6 Cost of inland transportation, insurance and other costs within the Purchaser's country incidental to delivery of the goods to their destination.

5.15.7 Delivery schedule offered in the bid.

5.15.8 Deviations in payment schedule from that specified in the General Terms & Conditions of Contract.

5.15.9 The projected operating and maintenance costs during the life of the equipment/goods.

5.15.10 The performance and productivity of the equipment/goods offered.

5.15.11 The quality and adaptability as per specifications, supported by valid test reports / waveforms / test certificates / test accreditation from a competent authority / customer factory acceptance certificate etc. pertaining to the equipment/goods offered.

5.15.12 Bidders registered with the National Small Industries Corporation (NSIC) under the Single Point Registration Scheme (SPRS) for the items/services tendered may be eligible for benefits such as exemption from Earnest Money Deposit (EMD) as per Government of India norms. Such bidders must submit a valid NSIC certificate covering the tendered items.

5.15.13 Any other point as deemed proper to be incorporated by the evaluation committee.

5.15.14 Alternative options of offer shall not be allowed.

5.15.15 Each Bidder shall submit only one quotation with one make & model, wherever applicable.

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5.15.16 GST in connection with the sale of goods shall not be considered in evaluation.

5.16 **Bid Evaluation Procedure and Award of Bid:** The Bid shall be awarded by following the QCBS methodology as explained earlier.

5.16.1 **Technical bid evaluation and scoring procedure:** For technical bid evaluation, marks will be awarded based on the criteria and pattern of marking as illustrated in Table No. 3.

Table No. 3: Pattern of Score / Marks (Ts) for Technical Bid Evaluation

S/N	Description	Scoring Pattern
1(a)	**Experience & Scale of Operations** • Years in business (beyond 2-year minimum) **Max Score: 10 Marks**	**5 marks** for each year in operation beyond the minimum requirement of 2 years of operation in similar work
1(b)	**Employee Strength** No. of Employees / Service Engineers / Skilled / Semi-skilled / Unskilled strength **Max Score: 5 Marks**	More than 10 employees: **5 Marks** 05–10 employees: **3 Marks** Less than 05 employees: **1 Mark**
2	**In-house Infrastructure & Expertise** • Capabilities for manufacturing, installation, maintenance & warranty support **Max Score: 15 Marks**	OEM with fully in-house production and service/maintenance network: **15 Marks** Authorized system assembler with full service facilities: **12 Marks** Authorized distributor/dealer with local service tie-up: **10 Marks**
3	**Past Performance** • Supply & commissioning of similar products in last 5 years (as per Annexure-VI) **Max Score: 25 Marks**	**4 Marks** for each successful work order (Max 20 Marks) • Bonus: 1 additional mark for each order executed at a reputed government institution (e.g., IITs, NITs, Central Labs) (Max 5 Marks)
4	**Technical Presentation* & Customization Design** Review of design layout, engineering specs, customization roadmap, warranty, delivery and installation by technical committee **Max Score: 20 Marks**	Highly satisfactory (80%–100% compliance): **20 Marks** Satisfactory (60%–79% compliance): **12 Marks** Marginally satisfactory (50%–59% compliance): **4 Marks** Unsatisfactory / Non-appearance (below 50%): **0 Marks**
5	**Financial Capability (Annual Turnover)** • Average annual turnover of the last 3 financial years **Max Score: 15 Marks**	Average turnover above ₹50 Lakhs: **15 Marks** Average turnover ₹10 Lakhs to ₹50 Lakhs: **7 Marks** Average turnover below ₹10 Lakhs: **0 Marks**
6	**Quality & Sector Certifications** • Valid industry/regulatory certifications **Max Score: 10 Marks**	National Sector Skill Council (SSC) Certification: **2.5 Marks** ISO 9001 / CE / NSIC or other specified certification: **2.5 Marks each** (Max 7.5 Marks)
	Total Technical Score: 100 Marks	

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Bids will first be evaluated against the Technical Scoring Pattern defined in Table No. 3.

The bidders securing 55% of the total marks of 100 (i.e., 55 marks) assigned to the technical bid, as per the criteria of metrics mentioned in Table No. 3, shall be declared "Qualified in the Technical Evaluation" or "Technically Responsive". Bidders with marks less than 55 shall be termed "Technically Non-Responsive". Marks assigned to bidders by the appropriate committee and approved by the competent authority, VSSUT, Burla shall not be questioned by any bidder. The bidders who qualify in the technical evaluation may be present at the time of opening of financial bids. However, the financial bids of all non-responsive bidders who fail to qualify in the technical evaluation with marks less than 55 shall not be considered any further, and therefore their bid stands disqualified and cancelled.

The Technical Bid Score (Ts) shall be evaluated from the actual technical marks obtained by all technically responsive bidders by giving 30% weightage to the marks out of 100, as explained below.

Technical Bid Score (Ts) of a Bidder A = 0.30 × (Technical Marks of Bidder A out of 100 Marks, as per Table No. 3)

5.16.2 **Mandatory Technical Bid Qualification for all equipment:** This tender is floated as a Non-Divisible Package Bid for an integrated requirement covering the supply, installation and commissioning of Four (4) distinct items, as specified in the schedule of requirements mentioned in Table No. 1 and Table No. 2.

5.16.2.1 **Absolute Requirement for Multi-Equipment Qualification:** This tender requires the supply, installation and commissioning of Four (4) distinct types of equipment/software, as detailed in the Technical Specifications (see Table No. 1 & 2). To be considered technically qualified for financial bid opening, a Bidder must successfully meet the minimum technical qualification criteria and score at least the individual passing mark of 55% for each and every one of the Four (4) items listed.

5.16.2.2 **Consequences of Non-Qualification in Any Single Item:** Qualification is non-divisible and absolute across all item lines. If a Bidder fails to achieve the minimum 55% technical qualification mark in any single equipment category, the entire bid shall be deemed technically non-responsive and shall be summarily rejected and cancelled in its entirety.

5.16.2.3 **Illustrative Scenario for Disqualification:** For the avoidance of doubt, even if a Bidder satisfies or exceeds the 55% technical qualification mark in Three (3) or fewer out of the Four (4) items, the failure to qualify in the remaining item will result in the immediate rejection and cancellation of the entire package bid. No partial evaluations, partial awards or split orders will be entertained under this tender.

5.16.3 **Financial Bid opening, Scoring procedure and Award of Bid:** The Financial Bids of all Technically Qualified or Responsive Bidders in the technical bid shall be opened on the appointed date and time in the presence of the qualified bidders/their authorized representatives who choose to be present at the time of opening of the financial bids. Absence of bidders or their authorized representatives shall not impair the legality of the process.

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The financial bid shall have 70% weightage out of the total combined (Technical + Financial) score of 100, which shall be judged based on the equipment price and other charges as per **Annexure-I** offered by the bidders. The qualified bidder with the lowest price quote shall get the highest Financial Bid Score of 70, and others shall get inversely proportional lesser scores, as explained by the following method:

Financial Bid Score (Fs) of a Bidder A = 70 × (Price quoted by L1 Bidder) / (Price quoted by Bidder A)

5.16.4 **Important Note: CVC-compliant Abnormally Low Bid (ALB):** If the financial quote of a bidder appears unrealistically low to the extent that it raises material concerns regarding the bidder's capability to deliver the item to the specified quality standards, the Technical Committee reserves the right to seek detailed price justifications and cost breakdowns from the bidder. Failure to provide a satisfactory justification demonstrating commercial viability shall result in the bid being rejected as non-responsive.

5.16.5 **Combined Score and Award of Bid: The Bid shall be awarded to the Responsive Bidder that scores the highest Combined Score Cs = Technical Bid Score (Ts) + Financial Bid Score (Fs), as obtained from above.**

Note: In case more than one bidder gets the same highest score, the bidder with the highest Technical Bid Score (Ts) shall be awarded the contract.

6. Pre-dispatch Inspection, Delivery, Installation & Commissioning and Warranty Conditions

6.1 **Delivery of Goods / Equipment:** The delivery of goods shall be made by the supplier to the Consignee in accordance with the order placed, as shall be detailed in the Schedule of Requirements & Technical Specifications.

6.2 **Equipment Set-up, Demonstration and Training:** The supplier shall arrange suitable operation demonstration, provide suitable operating manuals and facilitate training to staff members at the purchaser's premises after installation and commissioning of the equipment/software is completed.

6.3 **Inspection / Test / Training**

6.3.1 The supplier shall get each item of equipment inspected at the manufacturer's works and submit a test certificate (New & Unused) and a guarantee/warranty certificate that the equipment conforms to the laid-down specifications.

6.3.2 The supplier shall invite the purchaser for pre-dispatch inspection. The Purchaser or his representative shall have the right to inspect/examine/test the goods in conformity with the contract awarded/supply order during production or before dispatch from the manufacturer's premises. Such inspection and clearance will not prejudice the right of the consignee to inspect and test the equipment on receipt at destination. The Technical Evaluation Committee (or its authorized representative) has the right to ask the successful bidder to arrange a comprehensive, live physical performance demonstration at their factory testing bay or an approved testing facility at their own cost.

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6.3.3 The purchaser's right to inspect/examine/test and, where necessary, reject the instruments after the arrival of the goods at the destination shall in no way be limited or waived by reason of the goods having been inspected and tested by the manufacturer previously. In case of rejection of the goods at the final destination after inspection and test as stipulated above, and in case any inspected/tested goods fail to conform to the specification/working condition, the purchaser may reject them, and the supplier shall replace/repair the same free of cost.

6.4 **Warranty Period (Comprehensive):** The Bidders must quote for a minimum period of **2 (Two) years of comprehensive on-site warranty** from the date of completion of satisfactory commissioning as per **Annexure-II**. This also includes all accessories related to the instruments & equipment quoted for. For the EDA Tool License, the license shall remain valid, with OEM technical support and updates, for the full licensed period of 3 (three) years.

6.5 **Uptime Warranty:** The Bidders should provide an uptime guarantee of 95%.

6.6 **Downtime Penalty Clause:** During the warranty period, the desired uptime is 95% of 365 days (24 hours). If downtime exceeds 5%, a penalty in the form of extended warranty of double the number of days or more will be applied for which the equipment goes out of service.

6.7 **Payment Terms:** No advance payment will be made by the Purchaser to the supplier for performance of the contract. 100% of the contract price shall be paid within 30 (thirty) days after satisfactory supply, installation, demonstration, commissioning & training and stock entry of bills of the goods within the due date of delivery.

6.8 **Transportation:** The Supplier shall be required to meet all transport and storage expenses until commissioning of the instrument(s) / equipment covered in the contract.

6.9 **Taxes and Duties:** The Supplier shall be entirely responsible for payment of all taxes, duties etc. incurred until delivery of the contract goods to the Consignee, subject to recovery afterwards in the bill as claimed in the Bid offer. GST will be paid to the supplier.

Entry Tax, if paid by the Supplier at the local (destination head) Corporation / Municipality / NAC, is allowed once only on production of a money receipt for such payment, if claimed in the Bid offer. Any other statutory levy imposed by the Govt. of India / Govt. of Odisha from time to time will be considered extra on demand with adequate proof thereof. The service tax and the works contract tax shall be levied (wherever applicable). Income Tax as applicable shall be deducted at source.

6.10 **Incidental Services:** The Supplier shall be required to provide any or all of the following services (the cost should be included in the quoted price):

- Furnishing of detailed literature/pamphlets/circuit diagrams/operation & maintenance manuals/drawings (as applicable) for each appropriate unit of the supplied goods.
- Furnishing of tools required for assembly and/or maintenance of the supplied goods.
- Performance or supervision of on-site assembly of the supplied goods.
- Performance or supervision of maintenance and/or repair of the supplied goods for a period agreed by the parties, provided that this service shall not relieve the supplier of any warranty/guarantee obligations under the contract.

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6.11 **Period of Validity of Bids**

- The bid rates should be kept open/valid for a period of **180 days** from the date the Bids are opened.
- A bid valid for a shorter period, i.e. less than **180 days**, shall be rejected as non-responsive.
- In the absence of any indication of the date of validity in the bid, it will be presumed that the offer will remain valid for the minimum period, i.e. **180 days** as prescribed above.
- In exceptional circumstances, the purchaser may solicit the bidder's consent for extension of the period of validity. If agreed upon, the bid security so deposited shall also be suitably extended.

6.12 **Installation and Commissioning Period:** The maximum installation and commissioning period is **30 days** from the date of supply (receipt at destination) OR **90 days from the date of issue of the Purchase Order, whichever is earlier**, failing which the purchaser will have the right to impose a penalty for the delay period **@ 0.5% per week of the contract value of the item/items excluding taxes from the bill amount, subject to a maximum of 10%.** However, the Purchaser / Registrar has the right to extend the delivery period/commissioning period in special cases.

6.13 **Penalty against Non-Supply / Non-Delivery:** In case of non-supply of stores within the due date, i.e. within the date of delivery, the EMD deposited by the bidder shall be forfeited.

6.14 **Rejected Items:** No payment shall be made for rejected supplied items. Rejected items must be removed by the bidders within two weeks of the date of rejection at their own cost and replaced immediately. In case these are not removed, they will be auctioned by the purchaser (at the risk and responsibility of the suppliers) without any further notice.

6.15 **Annual Maintenance Contract:** The cost of the Annual Maintenance Contract for the next 3 years after the warranty period shall be submitted as per **Annexure-I(b)**. The after-sales service during and after the warranty/guarantee period should be available from the company's own engineers.

6.16 **Jurisdiction of the Court:** The Purchaser and the Supplier shall agree that the competent Court at Sambalpur shall have the jurisdiction to try and decide any dispute arising between the two parties, and they may approach the competent Court at Sambalpur if required at any time.

REGISTRAR
VSSUT, Burla

REGISTRAR
V.S.S. University of Technology
Burla, Sambalpur, Odisha-768018

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ANNEXURE-I (a)

PRICE SCHEDULE (ITEM-WISE)

Item Sl. No	Item Description	Country of origin with make & model	Qty & Unit	Ex-works / Ex-showroom / Off-the-shelf (a)	Excise / Custom duty, if any (b)	Packing & Forwarding (c)	Inland transport, insurance & other local costs incidental to delivery (d)	CST / Entry tax, if any (e)	Unit price (a+b+c+d+e)	GST (f)	Any other	Total Price (a+b+c+d+e+f)
1	EDA Tool License (Siemens EDA / Mentor Graphics – Academic License)		20 User License for 3 Years									
2	Crop Monitoring Drone + Thermal Camera Setup		1 + 1									
3	GPU		1 Unit									
4	Data Server		1 Unit									

ANNEXURE-I (b)

PRICE SCHEDULE (ITEM-WISE) – B
PRICE SCHEDULE FOR ANNUAL MAINTENANCE CONTRACT AFTER COMPLETION OF WARRANTY PERIOD

Sl. No	Brief description of Goods	Quantity (Nos.)	1st Year (a)	2nd Year (b)	3rd Year (c)	AMC cost for 3 years (a+b+c)
1	EDA Tool License (Siemens EDA / Mentor Graphics – Academic License)	20 User License for 3 Years				
2	Crop Monitoring Drone + Thermal Camera Setup	1 + 1				
3	GPU	1 Unit				
4	Data Server	1 Unit				

** After completion of the warranty period.

Note:

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of the Annual Maintenance Contract (AMC), which includes preventive maintenance including testing & calibration as per the technical/service/operational manual, labour and

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spares, after satisfactory completion of the warranty period may be quoted for the next 3 years on a yearly basis for the complete equipment and turnkey (if any).

3. The cost of AMC may be quoted along with taxes applicable on the date of bid opening. The taxes to be paid extra are to be specifically stated. In the absence of any such stipulation, the price will be taken as inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of AMC will not be added for ranking/evaluation purposes. However, the cost of AMC for the lowest evaluated bidder is subject to negotiation.
5. The payment of AMC will be made as per the payment terms of the bid document.
6. The uptime warranty and downtime penalty shall be as per the bid document.
7. All software updates should be provided free of cost during the AMC period.
8. The stipulations in the Technical Specification will supersede the above provisions.
9. The supplier shall keep sufficient stock of spares required during the Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import them, get them custom cleared and pay all necessary duties.

Place:
Date:

Signature of Bidder
Business Address
Seal of the Bidder

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ANNEXURE-II

WARRANTY MAINTENANCE CONTRACT AGREEMENT

THIS AGREEMENT made on the ..... day of ....., 20___ between **"The Registrar, Veer Surendra Sai University of Technology, Burla"** (hereinafter "the Purchaser") of the one part and M/s. ..... (hereinafter called "the Supplier") of the other part:

WHEREAS the Purchaser invited bids for certain Goods & ancillary services, viz. supply and commissioning of the instruments, equipment & software at VSSUT, Burla, Sambalpur, Odisha including Comprehensive Warranty Maintenance Services, and has accepted a bid by the Supplier for the instruments & equipment specified below at the Consignee site, including Comprehensive Warranty Maintenance Services for a period of 2 (Two) years from the date of installation & commissioning of the instruments & equipment as per award of Contract No. ..... dated .....

Name of the Equipment & Machineries / Qty
(To be filled in as per details of goods in the award of Contract)

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. Maintenance Services shall consist of preventive and corrective maintenance of the equipment specified above & will include repair and replacement of parts free of cost.
2. Preventive maintenance, once monthly, which includes:

2.1 Check-up to ensure that device connections are proper, cabling is in proper condition etc.

2.2 Cleaning of the above instruments & equipment and checking the system performance.

3. The Supplier is to furnish the tentative schedule of the preventive maintenance under the Warranty Maintenance Contract (WMC) to be carried out.
4. The parts replaced must be new parts or equivalent in performance to new parts.
5. The Supplier will also provide the same maintenance service in case of the movement of equipment from the place of original installation to a different place or location, if the equipment is shifted by the Purchaser to another place or location at the cost and risk of the purchaser.
6. Any complaint informed through telephone must be acknowledged with a Complaint No. by the Supplier, which will be noted by the Consignee. All further contact with the Supplier on such complaint will be initiated through that Complaint No. Once rectification is done, that No. will be cancelled by both parties. A register is to be maintained by the Supplier where complaints are to be noted along with the Complaint No.
7. The maintenance shall normally be done at the earliest.
8. The Service Engineer of the Supplier will be allowed to handle the respective equipment only in the presence of the officer in charge at the Consignee site.
9. The Supplier should ensure that the maintenance job is not hampered/delayed due to paucity of spares/inadequate manpower etc.
10. The Supplier should submit the service call report to the Consignee for each service call without fail.

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11. The Supplier evaluation data format for the WMC of Consignee systems may be filled up for necessary action.
12. All formats, after being filled up, should be signed at the end of each page by the Supplier.
13. After completion of the work/repair/maintenance, the Purchaser shall issue a certificate of completion to the supplier to that effect.

Signature	Signature
For the Purchaser	For the Supplier
Name:	Name:
Designation:	Designation:
Address:	Address:
Telephone No.:	Telephone No.:

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ANNEXURE-III

MANUFACTURERS' AUTHORISATION FORM

No. _____ / Date _____

To

The Registrar,
VSSUT, Odisha
Burla, Sambalpur.

Dear Sir, Bid No. _____

We _____ who are established and reputable manufacturers of _____ having factories at _____ (Address of Factory) do hereby authorize M/s. _____ (Name and address of Agent) to submit a bid and sign the contract with you against the above bid.

* No company or firm or individual other than M/s. _____ is authorized to bid and conclude the contract in regard to this business against this specific invitation for bid.

We hereby extend our full guarantee and warranty as per the general conditions of contract for the goods and services offered by the above firm against this bid.

Yours faithfully,
(Signature for and on behalf of Manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be included in original by the Bidders in its bid.

- * This para should be deleted for simple items where manufacturers sell the product through different stockists.
- The Supplier / Managing Director of the Company (if the supplier is a Company) or the Power of Attorney Holder having specific power to sign the contract can only sign the contract/execute the agreement.

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ANNEXURE-IV

DETAILS OF THE BIDDERS

Bid Reference No.:
Name and address of the Bidder:

01 Name of the bidder (Director / Managing Director / Proprietor of the firm)
   a) Full postal address
   b) Full address of the premises
   c) Telephone number
   d) Fax number
   e) E-mail
   f) PAN No.
   g) GSTIN / TIN No.
02 Total annual turnover (value in Rupees) with proof
03 Quality control arrangement details
04 Test certificates held
   a) Type test
   b) BIS/ISO certification
   c) Any other
05 Details of staff
   a) Technical
   b) Skilled
   c) Unskilled
06 Branch Office / Contact Person / Liaisoning Office in Odisha
   a) Address
   b) Telephone No.
   c) E-mail
   d) Fax

Signature and seal of the Bidder

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ANNEXURE-V-1

Technical details of the Equipment (Table No. 1, Sl. No. 1: EDA Tool License) to be supplied by the bidder

S/N	University's Required Technical Specifications	Pre-Populated Parameter Baseline	Bidder's Offered Specification (Make & Model)	Compliance Status (Yes / No)	Deviation, if any (with technical justification)	Exact Page No. of Proof in Bidder's Catalog
1. LICENSE SCOPE						
1.1	License Type & Users	IC Nanometer Design Bundle Software, academic license for 20 users				
1.2	License Period	3 (three) years from the date of activation, with OEM updates and technical support				
2. SOFTWARE MODULES (TO BE INCLUDED IN THE BUNDLE)						
2.1	Calibre nmLVS-H Op SW	Included in the bundle for 20 users, 3-year license				
2.2	Calibre nmDRC Ap SW	Included in the bundle for 20 users, 3-year license				
2.3	Calibre nmDRC-H Op SW	Included in the bundle for 20 users, 3-year license				
2.4	Calibre nmLVS Ap SW	Included in the bundle for 20 users, 3-year license				
2.5	xCalibrate Ap SW	Included in the bundle for 20 users, 3-year license				
2.6	Calibre Interactive Ap SW	Included in the bundle for 20 users, 3-year license				
2.7	Calibre RVE/QDB-H Ap SW	Included in the bundle for 20 users, 3-year license				
2.8	Calibre DESIGNrev Ap SW	Included in the bundle for 20 users, 3-year license				
2.9	Calibre ADP Op SW	Included in the bundle for 20 users, 3-year license				
2.10	Calibre YieldAnalyzer Bnd SW	Included in the bundle for 20 users, 3-year license				
2.11	Calibre YieldEnhancer Bnd SW	Included in the bundle for 20 users, 3-year license				

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S/N	University's Required Technical Specifications	Pre-Populated Parameter Baseline	Bidder's Offered Specification (Make & Model)	Compliance Status (Yes / No)	Deviation, if any (with technical justification)	Exact Page No. of Proof in Bidder's Catalog
2.12	Calibre Pattern Match Op SW	Included in the bundle for 20 users, 3-year license				
2.13	Calibre xACT 3D Ap SW	Included in the bundle for 20 users, 3-year license				
2.14	Calibre xRC and xACT Ap SW	Included in the bundle for 20 users, 3-year license				
2.15	Symphony Kernel Op SW	Included in the bundle for 20 users, 3-year license				
2.16	S-Edit Design Ap SW	Included in the bundle for 20 users, 3-year license				
2.17	L-Edit IC EE Ap SW	Included in the bundle for 20 users, 3-year license				
2.18	L-Edit MEMS Plus EE Ap SW	Included in the bundle for 20 users, 3-year license				
2.19	L-Edit Photonics Ap SW	Included in the bundle for 20 users, 3-year license				
2.20	T-Spice AMS Simulator EE Bnd SW	Included in the bundle for 20 users, 3-year license				
2.21	Solido DE Core Ap SW	Included in the bundle for 20 users, 3-year license				
2.22	Advanced Node Option Op SW	Included in the bundle for 20 users, 3-year license				
2.23	Calibre PERC Ap SW	Included in the bundle for 20 users, 3-year license				
2.24	Solido SPICE Ap SW	Included in the bundle for 20 users, 3-year license				
2.25	Insight Analyzer Ap SW	Included in the bundle for 20 users, 3-year license				
2.26	Insight Developer Ap SW	Included in the bundle for 20 users, 3-year license				
2.27	Calibre 3DPERC (die2die) Op SW	Included in the bundle for 20 users, 3-year license				
2.28	S-Edit Analysis Ap SW	Included in the bundle for 20 users, 3-year license				
3. TRAINING						

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S/N	University's Required Technical Specifications	Pre-Populated Parameter Baseline	Bidder's Offered Specification (Make & Model)	Compliance Status (Yes / No)	Deviation, if any (with technical justification)	Exact Page No. of Proof in Bidder's Catalog
3.1	Faculty Training	One-day Sandeepani authorized certified training for faculty				

Signature and seal of the Bidder

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ANNEXURE-V-2

Technical details of the Equipment (Table No. 1, Sl. No. 2: Crop Monitoring Drone + Thermal Camera Setup) to be supplied by the bidder

S/N	University's Required Technical Specifications	Pre-Populated Parameter Baseline	Bidder's Offered Specification (Make & Model)	Compliance Status (Yes / No)	Deviation, if any (with technical justification)	Exact Page No. of Proof in Bidder's Catalog
1. COMPLETE READY-TO-FLY CUSTOM MAPPING SETUP						
1.1	Drone Frame & Propulsion	Carbon fiber quadcopter frame (small 7–13 inch wheelbase) with high-efficiency BLDC motors				
1.2	Flight Controller & GPS	Pixhawk 4 or Cube Orange for fully autonomous agricultural waypoint mission mapping				
1.3	Thermal + RGB Camera Payload	Guide Sensmart drone-specific camera or InfiRay module (384×288 or 640×512 resolution)				
1.4	Gimbal & Stabilization	2-axis or 3-axis mini stabilization gimbal				
1.5	Remote Controller & Telemetry	SIYI MK15 or Skydroid H12 (integrated HD video & telemetry up to 3.5 km+)				
1.6	Batteries & Charger	6S LiPo / LiHV battery pack (high capacity for mapping)				

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ANNEXURE-V-3

Technical details of the Equipment (Table No. 1, Sl. No. 3: GPU) to be supplied by the bidder

S/N	University's Required Technical Specifications	Pre-Populated Parameter Baseline	Bidder's Offered Specification (Make & Model)	Compliance Status (Yes / No)	Deviation, if any (with technical justification)	Exact Page No. of Proof in Bidder's Catalog
1. GPU CORE						
1.1	GPU	NVIDIA GeForce RTX 5070 Ti				
1.2	Architecture	Blackwell (TSMC 4N)				
1.3	CUDA cores	8,960				
1.4	Tensor cores	280 (5th gen, FP4/FP8 support)				
1.5	RT cores	70 (4th gen)				
1.6	Boost clock	About 2.45 GHz (varies by brand)				
2. MEMORY & INTERFACE						
2.1	VRAM	16 GB GDDR7				
2.2	Memory bus	256-bit				
2.3	Memory bandwidth	896 GB/s				
2.4	Interface	PCIe 5.0 x16				
2.5	Display outputs	3 × DisplayPort 2.1b, 1 × HDMI 2.1b				
3. POWER & SOFTWARE						
3.1	TDP / board power	300 W				
3.2	Power connector	1 × 16-pin (12V-2x6)				
3.3	Recommended PSU	750 W				
3.4	Software	CUDA, cuDNN, TensorRT, PyTorch/TensorFlow support, DLSS 4				

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ANNEXURE-V-4

Technical details of the Equipment (Table No. 1, Sl. No. 4: Data Server) to be supplied by the bidder

S/N	University's Required Technical Specifications	Pre-Populated Parameter Baseline	Bidder's Offered Specification (Make & Model)	Compliance Status (Yes / No)	Deviation, if any (with technical justification)	Exact Page No. of Proof in Bidder's Catalog
1. PROCESSOR & MEMORY						
1.1	Processor	Intel Celeron J4125, quad-core, 2.0 GHz (burst up to 2.7 GHz)				
1.2	Hardware encryption / transcoding	AES-NI; Intel UHD Graphics 600 (hardware video transcoding)				
1.3	Memory	2 GB DDR4 non-ECC (onboard)				
1.4	Max memory	6 GB (2 GB onboard + one 4 GB SO-DIMM slot)				
2. STORAGE						
2.1	Drive bays	2 × 3.5" / 2.5" SATA HDD/SSD, hot-swappable				
2.2	Included drives	Seagate IronWolf NAS HDDs or equivalent NAS-grade HDDs, 2 nos.; capacity: _____ TB each				
2.3	Max single volume	108 TB				
2.4	RAID types	Basic, JBOD, RAID 0, RAID 1, Synology Hybrid RAID (SHR)				
2.5	File system	Btrfs, ext4 (internal); exFAT, NTFS, ext4, FAT32 (external)				
3. CONNECTIVITY & PHYSICAL						
3.1	LAN ports	2 × 1 GbE RJ-45, with link aggregation/failover support				
3.2	USB ports	2 × USB 3.2 Gen 1				
3.3	Cooling	1 × 92 mm fan				
3.4	Dimensions (H × W × D)	165 × 108 × 232.2 mm				
3.5	Weight	About 1.3 kg without drives				
3.6	Power adapter	60 W, 100–240 V AC				

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S/N	University's Required Technical Specifications	Pre-Populated Parameter Baseline	Bidder's Offered Specification (Make & Model)	Compliance Status (Yes / No)	Deviation, if any (with technical justification)	Exact Page No. of Proof in Bidder's Catalog
3.7	Power consumption	About 14.7 W when accessing data, 4.4 W in HDD hibernation				
4. SOFTWARE & WARRANTY						
4.1	Key software	Photos, Hyper Backup, Snapshot Replication, Active Backup, Surveillance Station, Docker (Container Manager)				
4.2	NAS warranty	3 years				
4.3	Drive warranty	3 years (Seagate or compatible), typically with Rescue data-recovery service				

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ANNEXURE-VI

DETAILS OF SIMILAR EQUIPMENT SUPPLIED IN LAST 5 YEARS

Sr. No.	Name of the Project / Equipment	Brief Technical Specification	Cost of the Product / Equipment	Date of Installation and commissioning as per contract	Name of organization and Address / telephone number of officer of the purchaser to whom reference may be made	Remarks

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