



श्री विश्वकर्मा कौशल विश्वविद्यालय

(हरियाणा सरकार, एक्ट संख्या 25, 2016 के तहत)

Shri Vishwakarma Skill University

Plot 147, Sector 44, Gurugram, Haryana

Tender Document for

Supply and Installation of Tinkering Lab for Class IX-XII

Tender No: SVSU/2023/FS/01

Dated: 19/01/2024

1. Notice Inviting Tender

Sub: Notice Inviting Tenders for Supply and Installation of Tinkering Lab

Shri Vishwakarma Skill University, Haryana invites online Tender: “**Supply and Installation of Tinkering Lab for Class IX-XII**” through e-procurement on portal <https://etenders.hry.nic.in> from reputed Manufacturers/Authorized Dealers/Distributors/Agent as per TENDER document. The TENDER documents may also be downloaded from website (<http://www.svsu.ac.in>) of Shri Vishwakarma Skill University, Haryana for reference only. A minimum eligibility criterion has been given in TENDER document.

Apart from uploading e-tender on website, bidder has to deposit EMD and Tender Fee +E-service fees along-with other documents.

1.1. SCHEDULE

1.	Tender No	SVSU/2023/FS/01
2.	E-Service Fee + GST	1000/- + 180/- = 1180/- (Rupees One Thousand One Hundred Eighty Only)
3.	Tender Fee + GST	
	(1) For Haryana based manufacturing Micro and Small Enterprises (MSEs) & Khadi Village Industries Unit eligible as per the “Haryana State Public Procurement Policy for MSME -2016” notified vide G.O. No. 2/2/2016-4I BII(1) dated 20-10-2016.	NIL
	(2) For Haryana based manufacturing Startups/First Generation Entrepreneurs eligible as per State policy “Concession/benefits in Public Procurement to Startups/First Generation Entrepreneurs of State” Issued vide G.O No.2/2/2016-4I B-II dated 03.01.2019.	NIL
	(3) For remaining bidders both from the Haryana and Non Haryana	2000/- + 360/- = 2360/- (Rupees two Thousand three Hundred sixty Only)
4.	EMD Amount	
	(1) For Haryana based manufacturing Micro and Small Enterprises (MSEs) & Khadi Village Industries Unit eligible as per the “Haryana State Public Procurement Policy for MSME	NIL

	-2016” notified vide G.O. No. 2/2/2016-4I BII(1) dated 20-10-2016.	
	(2) For Haryana based manufacturing Startups/First Generation Entrepreneurs eligible as per State policy “Concession/benefits in Public Procurement to Startups/First Generation Entrepreneurs of State” issued vide G.O No.2/2/2016-4I B-II Dated 03.01.2019.	NIL
	(3) Central or Haryana Public Sector Enterprises and “approved sources” as declared by the Industries Department, Haryana	NIL
	(4) For remaining bidders both from the Haryana and Non Haryana	Rs. 20000/- (Rupees Twenty Thousands only)
5.	Performance Security	
	Haryana Based manufacturing Micro and Small Enterprises (MSEs)	0.2% of the Total Order Value or estimated value of the rate contract
	Haryana Based manufacturing Startups/First Generation Entrepreneurs	0.2% of the Total Order Value or estimated value of the rate contract
	Haryana based other firms/enterprises	2% of the Total Order Value or estimated value of the rate contract
	Other States/UTs based firms	5% of the Total Order Value or estimated value of the rate contract
	# Haryana based MSEs and Startups/First Generation Entrepreneurs will be eligible for performance security deposit @ 0.2% who have filed Entrepreneurs Memorandum (Micro or Small Enterprise category) in the Industries Department Haryana and who participate directly in the tendered/quoted items and offering to supply the entire quoted quantity manufactured from their own Haryana based Unit.	
6.	Product Warranty Period	3 Years
7.	Issue of Tender Document (Date of uploading of Tender & other Documents) (online)	17/01/2024 at 18:00 Hrs.
8.	Online Tender Download/Purchase Start Date	19/01/2024 at 18:00 Hrs.
9.	Last date for receipt of queries through Mail	22/01/2024 Up to 16:00 Hrs.
10.	Date of pre bid meeting	25/01/2024 at 11:00AM
11.	Online proposal Submission Start Date	19/01/2024 at 17:30 Hrs.
12.	Online proposal Submission End Date	08/02/2024 Up to 16:00 Hrs.
13.	Opening of Technical Bid	10/02/2024 at 15:00 Hrs.
14.	Technical Presentation	To be informed later.
15.	Financial Bid	Subsequent date to be informed later.



16.	Validity period of Proposal	180 Days from the opening of financial bid.
17.	Address of Communication	Registrar Shri Vishwakarma Skill University, Dudhola , Palwal Haryana – 121102
18.	Contact Phone Number and Email ID for this tender	Registrar@svsu.ac.in , 0124-2746800

- Tender document can also be downloaded from University Website www.svsu.ac.in University reserves all right to change any Date, Time and Condition of Tendering without assigning any reason.
- Amendments to TENDER, if any, shall be published on e-procurement website <https://etenders.hry.nic.in>, <https://www.svsu.ac.in> only and not in newspaper. Shri Vishwakarma Skill University, Haryana reserves all rights to accept or reject any or all tenders without assigning any reasons.
- The concessions/benefits to MSMEs/startup subject to fulfillment/eligible as per Haryana State Public Procurement Policy for MSME -2016 notified vide G.O. No. 2/2/2016-4I BII (1) dated 20-10-2016 and turnover criteria as per Haryana Government (or as amended from time to time in this regard).
- The location for supply & installation of items/instruments as mention under scope of work will be Shri Vishwakarma Skill University, Dudhola, Palwal, Haryana-121102
- Queries will be sent to the Officer appointed for this tender. Each Bidder will send only one e-mail containing the Pre-Bid Queries, as per format mentioned below. In case of more than one e-mail, only the queries provided in the first e-mail will be considered.

S. No.	Clause/Section/Reference/ Page/Paragraph	Existing clause/RFP Text	Queries/suggestions
1.			



1.2. DISCLAIMER

The information contained in this Tender document or subsequently provided to the bidders, whether verbally or in documentary or any other form by or on behalf of Shri Vishwakarma Skill University, Haryana is provided to bidder on the terms and conditions set out in this TENDER and such other terms and conditions subject to which such information is provided.

Information provided in this TENDER to the bidders is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Shri Vishwakarma Skill University, Haryana accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

Shri Vishwakarma Skill University, Haryana also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance or any bidder upon the statements contained in this TENDER.

Shri Vishwakarma Skill University, Haryana may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this TENDER.

The issue of this TENDER does not imply that Shri Vishwakarma Skill University, Haryana is bound to select a bidder or to appoint the Selected Bidder, as the case may be, for the Consultancy and Shri Vishwakarma Skill University, Haryana reserves the rights to reject all or any of the Proposals without assigning any reasons whatsoever.

The bidder shall bear all its costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by Shri Vishwakarma Skill University, Haryana or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the bidder and Shri Vishwakarma Skill University, Haryana shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a bidder in preparation or submission of the Proposal, regardless of the conduct or outcome of the Selection Process.

2. Instructions to Bidders

2.1. Subject: Invitation for Supply and Installation of Tinkering Lab

Shri Vishwakarma Skill University, invites online Bids (Technical bid and Financial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer/Distributors/Agent for **Supply and Installation of Tinkering Lab for Class IX-XII** with warranty period as stated at “Schedule” on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document.

Bidders can access tender documents on the website of the University and fill them with all relevant information and submit the completed tender document with Tender Fee and EMD amount online as per the schedule to <https://etenders.hry.nic.in>.

2.2. INSTRUCTION TO BIDDER FOR E-TENDERING

***Note:** Following conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable:-*

2.2.1. E-Tendering:

- 2.2.1.1. For participation in e-tendering module of Shri Vishwakarma Skill University, Haryana it is mandatory for prospective bidders to get registration on website <https://etenders.hry.nic.in>. Therefore, it is advised to all prospective bidders to get registration by making on line registration fees payment at the earliest.
- 2.2.1.2. Tender documents can be downloaded from website <http://www.svsu.ac.in>. However, the bidders have to upload complete tender document online along-with deposit of EMD amount and Tender Document Fee + E- service fee and without EMD amount and Tender Document Fee + E-service fee bids will not be accepted.
- 2.2.1.3. E-service/gateway charges shall be borne by the bidders.
- 2.2.1.4. As per the directions of the Controller of Certifying Authorities, Ministry of Communication and Information Technology, Government of India, a **Class II Digital Certificate** shall be required to bid for all tenders solicited electronically. If the bidder does not have such a certificate, it may be obtained from any of the registering authorities or certification authorities. Kindly note that it may take at least three-five business days for the issue of a digital certificate. Bidders are advised to plan their time accordingly. Shri Vishwakarma Skill University, Haryana shall bear no responsibility for accepting bids which are delayed due to non-issuance or delay in issuance of such digital certificate.
- 2.2.1.5. If bidder is bidding first time for e-tendering, then it is



Obligatory on the part of bidder to fulfil all formalities such as registration, obtaining Digital Signature Certificate etc. well in advance.

- 2.2.1.6.** Bidders are requested to visit our e-tendering website regularly for any clarifications and/or due date extension or corrigendum.
 - 2.2.1.7.** Bidder must positively complete online e-tendering procedure at <https://etenders.hry.nic.in>
 - 2.2.1.8.** Shri Vishwakarma Skill University, Haryana shall not be responsible in any way for delay / difficulties / inaccessibility of the downloading facility from the website for any reason whatsoever.
 - 2.2.1.9.** For any type of clarifications, bidders/contractors can visit <https://etenders.hry.nic.in> and <http://www.svsu.ac.in>.
 - 2.2.1.10.** The bidder whosoever is submitting the tender by his Digital Signature Certificate shall invariably upload the scanned copy of the authority letter.
 - 2.2.1.10.1.** TENDER cost + E-service Fee and EMD Amount.
 - 2.2.1.10.2.** Affidavits.
 - 2.2.1.10.3.** An Authority Letter to Sign on behalf of bidder, if filled by authorized representative.
 - 2.2.1.10.4.** Authority Letter for use of Digital Signature, if filled by authorized representative
 - 2.2.1.10.5.** Technical Bid with all relevant enclosures.
 - 2.2.1.10.6.** All documents to be submitted by the firms should be duly attested by gazetted officer/ notary public in case these are copies of the original documents. No un-attested documents will be entertained.
- The prospective bidders will upload scanned self-certified copies of requisite documents as required in e-tendering process.
- 2.2.1.11.** The Tender document cost+ E-Service Fee is to be deposited online by bidder.
 - 2.2.1.12.** The tenders uploaded without/incomplete/partial EMD and tender fee + E-service fees shall be disqualified.
 - 2.2.1.13.** The EMD amount is to be deposited online by bidder.
 - 2.2.1.14.** The tender documents fees shall not be refunded.
 - 2.2.1.15.** If the tenders is cancelled or recalled on any grounds, the Tender Document Fee and e-Service Fee will not be refunded to the bidder.
 - 2.2.1.16.** No Proposal will be accepted without valid TENDER cost and Earnest Money Deposit.

2.2.2. Technical bid: -

Bidders must positively complete online e-tendering procedure at <https://etenders.hry.nic.in>. They shall have to submit the documents as prescribed in the TENDER online in the website. The website/e- portal may accept a file sizing upto 10 MB, however, the bidders may submit their complete bids (with all the requisite documents) in multiple files.

2.2.3. Financial bid: -

Bidder must submit the Price/Financial bid document as per the format given in TENDER/available online and uploaded as per instructions therein. **Physical submission of price bid will not be considered.** The financial bids of technically qualified bidders shall be opened online at the notified date. The bidder can view the financialbid opening date by logging into web-site.

- 2.2.4.1.** On the due date of e-tender opening, the technical bids of bidders will be opened online. Shri Vishwakarma Skill University, Haryana reserves the right for extension of due date of opening of technical bid.
- 2.2.4.2.** Shri Vishwakarma Skill University, Haryana reserves the right to accept or reject any or all tenders without assigning any reason what so ever.
- 2.2.4.3.** In case, due date for opening of tender happens to be a holiday, the due date shall be shifted to the next working day for which no prior intimation will be given.
- 2.2.4.4.** Any change/modifications/alteration in the TENDER by the Bidder shall not be allowed and such tender shall be liable for rejection.

For amendment, if any, please visit <https://etenders.hry.nic.in> web site regularly. In case of any bid amendment and clarification, the responsibility lies with the bidders to note the same from web site. The **Shri Vishwakarma Skill University, Haryana** shall have no responsibility for any delay/omission on part of the bidder.



<< Organization Letter Head >>

3. **TERMS and CONDITIONS**

- 3.1 Due date:** The tender has to be submitted online on or before the due date. The offers received after the due date and time shall not be considered. No application will be received through e-mail/fax. The University shall not be responsible for any delay.
- 3.2 Tender Fee (Non-Refundable):** The Bidder shall submit a non- refundable tender fee online. The Technical Bid without Tender fee shall be considered as UNRESPONSIVE and will not be accepted. The tender fee shall not be returned/refunded to any Bidder in any circumstances. If the tender is cancelled or recalled on any grounds, the Tender Document Fee and e- Service Fee shall not be refunded to the bidder.
- 3.3 Preparation of Bids:** The Technical and financial offer/bid shall be submitted online. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid.

All documents to be submitted by the firms should be duly attested by gazetted officer/ notary public in case these are copies of the original documents. No unattested documents will be entertained.

Revision in the technical bid and financial bid quoted in the offer will not be entertained after the last date and time fixed for receipt of tenders.

- 3.4 Earnest Money Deposit (EMD) (if applicable):** While submitting bid, the BIDDER shall deposit an amount mentioned in tender document as Earnest Money, with the Institute through the following instruments:
- 3.4.1** The Bidder shall submit an EMD amount online. The Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The Earnest Money Deposit (EMD) in other form viz., Pay Order / Cheque etc. shall not be accepted.
- 3.4.2** No interest shall be payable by the BUYER to the BIDDER on Earnest Money for the period of its currency.
- 3.5 Refund of EMD:** The EMD will be returned to unsuccessful Bidders only after the award of Purchase Order. In case of successful Bidder, EMD shall be returned without any interest after the submission of Performance Bank Guarantee.

EMD shall not be refunded, if the order is not accepted by the successful bidder. In case, the offer is accepted, but not honored by the Bidder, the EMD shall be forfeited. The EMD will also be forfeited, if wrong information is furnished or any vital information is concealed in the tender document.

Apart from it, he shall be Liable for any other action against him, as may be considered necessary by the Competent Authority, SVSU.

If the tenders are cancelled or recalled on any grounds, the EMD will be returned to the bidder without interest.

3.6 Opening of the tender: The bid will be opened by a committee duly constituted for this purpose in presence of Bidder's representative if available. Only one representative will be allowed to participate in the tender opening. Bid received without or incomplete Tender Fee or EMD will be rejected outright. The technical bid will be opened first and it will be examined by a technical committee (as per specification and requirement). The financial offer/bid will be opened only for the offer/bid which is technically qualified as per the specification, and will be opened in the presence of the bidder's representatives subsequently for further evaluation. The Bidder if interested may participate on the tender opening Date and Time. The Bidder should produce authorization letter from their company to participate in the tender opening. The University may call bidders for demonstration and presentation of the equipment during technical evaluation. The cost for the demonstration will be borne by the supplier and University will not pay any TA/DA for presentation/ demonstration. If any firm fails to successfully demonstrate the system quoted by them, the Bid of that firm will not be considered.

3.7 Acceptance/ Rejection of bids: The Committee reserves the right to reject any bid not fulfilling the eligibility criteria.

Eligibility Criteria:

- 3.7.1** Bidder should be the manufacturer/authorized dealer/ distributors/agent. Letter of Authorization from original equipment manufacturer (OEM) specific to the tender should be enclosed (Annexure – IX).
 - 3.7.2** An undertaking from the OEM is required stating that they would facilitate the Bidder on a regular basis with technology/product updates and extend support for the warranty as well. (Annexure - IV)
 - 3.7.3** OEM should be Nationally/Internationally reputed Company.
 - 3.7.4** Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between Bidder specification and supporting documents etc. may lead to rejection of the bid.
 - 3.7.5** In the tender, either the agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.
 - 3.7.6** If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
 - 3.7.7** Sample for offered items may be asked from tender during technical evaluation.
 - 3.7.8** The Agency should not have incurred any loss for the last 3 financial years which is mandatory. Bidders should submit audited statement and Financial assessment copy/Income Tax Return Copy showing their net balance / Profit for last three financial years
-

3.8 Performance Security:

3.8.1 Performance Bank Guarantee is mandatory.

3.8.2 The Successful Bidder shall require to submit the performance security/Guarantee in the form of irrevocable bank guarantee issued by any Indian Nationalized Bank for an amount which is stated at the "Schedule" of the tender document within 21 days from the date of receipt of the purchase order and should be kept valid for a period of 180 days beyond the date of completion of warranty period. The Performance security in other form viz., FD/Term Deposit Receipt etc. shall not be accepted.

3.8.3 The Successful Bidder shall submit performance security/Guarantee as prescribed above to be received in the office Registrar, Stores & Purchase Section on or before 21 days from the date of issue of order acknowledgement. The Performance Bank Guarantee to be furnished in the form of Bank Guarantee as per Annexure - XII of the tender document for an amount covering 05 % of the purchase order value.

3.8.4 The Performance Bank Guarantee should be established in favour of Shri Vishwakarma Skill University," through any Bank situated at Gurugram or outstation with a clause to enforced the same on their local branch at Gurugram. Performance Bank Guarantee shall be for the due and faithfully performance of the contract and shall remain binding, notwithstanding such variations, alterations for extensions of time as may be made, given, conceded or agreed to between the successful Bidder and the purchaser under the terms and conditions of acceptance to tender.

3.8.5 If the supplier shall not submit the performance, security within 21 days from the date of receipt of purchase order and if there is delay in submission of performance security, purchase order may be cancelled. The Competent Authority may accept the performance security after the above mention deadline of 21 days subject to submission of justification by the Bidder, however the decision of the Competent Authority is final in this regards.

3.8.6 The successful Bidder is entirely responsible for due performance of the contract in all respects according to the speed, intent and meaning of the terms and conditions and specification and all other documents referred to in the acceptance of tender.

3.8.7 The performance bank guarantee shall be kept valid during the period of contract.

3.9 Force Majeure: The Supplier will not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

3.9.1 For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual

capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

- 3.9.2** If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

- 3.10 Risk Purchase Clause:** In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.

- 3.11 Packing Instructions:** Each package will be marked on three sides with proper paint/indelible ink, the following:

- 3.11.1** Item Nomenclature
- 3.11.2** Order/Contract No.
- 3.11.3** Country of Origin of Goods
- 3.11.4** Supplier's Name and Address
- 3.11.5** Consignee details
- 3.11.6** Packing list reference number

- 3.12 Delivery and Documents:** Delivery of the goods should be made within a maximum of 06 weeks from the date of placement of purchase order at Shri Vishwakarma Skill University, Dudhola, Palwal – 121102, Haryana or at that place to be informed by the SVSU. The delivery period can be extended by the Registrar, Shri Vishwakarma Skill University, Dudhola, Palwal, Haryana, only in exceptional cases on written request of the Supplier giving reason/explaining circumstances due to which delivery period could not be adhered to. Within 24 hours of shipment, the supplier shall notify the purchaser and the insurance company by cable/telex/fax/e mail the full details of the shipment including contract number, railway receipt number/AAP etc. and date, description of goods, quantity, name of the consignee, invoice etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company:

- 3.12.1** 4 Copies of the Supplier invoice showing contract number, goods description, quantity
 - 3.12.2** unit price, total amount;
 - 3.12.3** Insurance Certificate if applicable;
 - 3.12.4** Manufacturer's/Supplier's warranty certificate;
 - 3.12.5** Inspection Certificate issued by the nominated inspection agency, if any
 - 3.12.6** Supplier's factory inspection report; and
 - 3.12.7** Certificate of Origin (if possible, by the beneficiary);
 - 3.12.8** Two copies of the packing list identifying the contents of each package.
 - 3.12.9** The above documents should be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered
-



directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.

- 3.13 Liquidated Damages (L.D)/Penalty for Non-execution of Order:** If a supplier fails to execute the order in time as per the terms and conditions stipulated therein, it will be open to the purchaser to recover liquidated damages for delay in delivery and installation from the supplier at the rate 1% (one percent) of the total cost of the material/contract per week or such other amount as the Registrar, SVSU, may decide till the supply/work remains incomplete, provided that the total amount of the compensation shall not exceed 10% (ten percent) of the total cost of the material/contract. After the lapse of 15 days beyond the stipulated/extended period, it will be the discretion of the University to cancel the supply/work execution order at the risk and the cost of the Supplier/Contractor. Besides, forfeiture of the Earnest Money, the University shall be at liberty to take such action as recovery of compensation to the extent of 10% of the amount of the supply/contract order, blacklisting, etc. An appeal against this penalty shall, however, lie with the Hon'ble Vice- Chancellor (VC), Shri Vishwakarma Skill University, Dudhola, Palwal whose decision shall be final.
- 3.14 Prices:** The price should be quoted in net per unit (after breakup) and must include all packing, forwarding, freight, insurance charges, loading, unloading and delivery charges etc. may be quantified in terms of amount. These charges may not be payable against such vague statement as "packing, forwarding, freight, insurance charges, loading, unloading and delivery charges etc. extra". The offer/bid should be exclusive of GST, which will be paid by the purchaser as applicable. However, the percentage of GST shall be clearly indicated. **Charges not mentioned in the quotation/tender shall not be paid.**
- 3.15 Rate contract with GEM or DS&D (Haryana):** If the bidder or their Principals are on rate contract with **GEM or DS&D (Haryana)**, this shall be mentioned specifically in the offer and a photocopy of the same, duly attested, may be appended.
- 3.16 Progress of Supply:** Wherever applicable, supplier shall regularly intimate progress of supply, in writing, to the Purchaser as under:
- 3.16.1** Quantity offered for inspection and date
 - 3.16.2** Quantity accepted/rejected by inspecting agency and date
 - 3.16.3** Quantity dispatched/delivered to consignees and date
 - 3.16.4** Quantity where incidental services have been satisfactorily completed with date
 - 3.16.5** Quantity where rectification/repair/replacement effected/completed on receipt of any communication from consignee/Purchaser with date
 - 3.16.6** Date of completion of entire Contract including incidental services, if any
 - 3.16.7** Date of receipt of entire payments under the Contract (In case of stage-wise inspection, details required may also be specified).
-

3.17 Resolution of Disputes: The dispute resolution mechanism would be as follows:

- 3.17.1** In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments there of shall apply to the arbitration proceedings. An arbitrator shall be appointed with mutual consent of both the parties. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.
- 3.17.2** If the Parties fails to appoint sole Arbitrator with the mutual consent, then there shall be three Arbitrators, each party shall appoint one Arbitrator, and the two appointed Arbitrators shall appoint the third Arbitrator is shall act, as the Presiding Arbitrator and decision of the Arbitration shall be binding on both the Parties. The language of Arbitration shall be English. Any payment to the Arbitrator/Arbitrators shall be paid by the both parties equally.
- 3.17.3** In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (i) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.
- 3.17.4** The venue of the arbitration shall be the place from where the order is being issued.

3.18 Jurisdiction: The place of jurisdiction would be Gurugram/Palwal Haryana.

3.19 Right to Use Defective Goods: If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

3.20 Transfer and Subletting: The supplier shall not sublet, transfer, assign or otherwise part with the acceptance to the tender or any part thereof, either directly or indirectly, without the prior written permission of the Purchaser.

3.21 Supplier Integrity: The Supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state of the art methods and economic principles and exercising all means available to achieve the performance specified in the contract.

3.22 Installation & Demonstration: The supplier is required to do the installation and demonstration of the equipment within one week of the arrival of materials at the SVSU, Gurugram, site of installation, otherwise the penalty clause will be the same as per the supply of materials. In case of any damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. Supplier will settle his



claim with the insurance company as per his convenience. SVSU will not be liable to any type of losses in any form.

3.23 Insurance: For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. In case of orders placed on FOB/FCA basis, the purchaser shall arrange Insurance. If orders placed on CIF/CIP basis, the insurance should be up to SVSU, Gurugram Campus.

3.24 Warranty:

3.24.1 Warranty period shall be (as stated at "Schedule" of this tender) from date of successful/satisfactory installation of Goods and acceptance at SVSU. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests. The warranty shall be comprehensive on site.

3.24.2 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall arrange to repair or replace the defective goods or parts within 10 days free of cost in Shri Vishwakarma Skill University Campus, Dudhola, Palwal – 121102. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 10 days. If the supplier having been notified fails to remedy the defects within 10 days, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which the purchaser may have against the supplier under the contract.

3.24.3 The comprehensive warranty shall be three years commence from the date of the satisfactory installation/commissioning of the equipment against the defect of any manufacturing, workmanship and poor quality of the components.

3.25 Governing Language: The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.



3.26 Applicable Law: The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction.

3.27 Notices:

3.27.1 Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX or e-mail and confirmed in writing to the other party's address.

3.27.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

3.28 Taxes: Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser. However, GST in respect of the transaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in the order.

3.29 Payment: For Indigenous supplies, 100% payment shall be made by the Purchaser against delivery, inspection, successful installation, commissioning and acceptance of the equipment at Shri Vishwakarma Skill University, Dudhola, Palwal – 121102 campus in good condition and to the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in Clause 3.8 of tender terms and conditions.

3.30 User list: Brochure detailing technical specifications and performance, list of industrial and Government Educational Establishments where the items enquired has been supplied by the Bidder has undertaken such work during last three years must be provided. (Annexure-V).

Note :- The Bidder(s) are required to submit proper proof (Purchase order / Work order) duly self-attested by the Bidder / Authorized Signatory in support of the claim. Without said documents, Experience and Performance report cell not be considered.

3.31 Manuals and Drawings:

3.31.1 Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications.

3.31.2 The detailed literature / catalogue of the quoted instruments and its accessories should also be attached with the Technical Bid. The specifications claimed by the firm should be clearly mentioned on the literature / catalogue also.

3.31.3 The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract.

3.31.4 Unless and otherwise agreed, the goods equipment shall not be considered to be completed for the purposes of taking over until such manuals and drawing have been supplied to the Purchaser.

3.32 Application Specialist: The Bidder shall mention in the Techno- Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office. (Ref. to Annexure-VI)



3.33 Site Preparation: The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.

The supplier may visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.

3.34 Spare Parts: The Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier. Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and in the event of termination of production of the spare parts; advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested. Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares. Other spare parts and components shall be supplied as promptly as possible but in any case within six months of placement of order.

3.35 Defective Equipment: If any of the equipment supplied by the Supplier is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the faculty/expert committee (constituted by The Registrar, SVSU) will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Supplier with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 7 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, SVSU may consider "Banning" the supplier and the Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/ Performance Bank Guarantee (after the contract is signed) shall stand forfeited either fully or partially, as decided by the University Competent Authority and the Authority shall not be required to assign any reason thereof.

No payment shall be made for rejected material nor would the Supplier be entitled to claim for such items. The supplier from the site would remove rejected items within two weeks of the date of rejection at his own cost. In case items are not removed, it will be auctioned at the risk and responsibilities of the Supplier without any further notice.

3.36 Termination for Default:



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

3.36.1.1. If the Supplier fails to deliver, any or all of the Goods with in the period(s) specified in the order, or within any extension thereof granted by the Purchaser.

3.36.1.2. If the Supplier fails to perform any other obligation(s) under the Contract.

3.36.1.3. If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

3.36.2 For the purpose of this Clause:

3.36.2.1. “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

3.36.2.2. “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidder (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

3.36.3 In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

3.37 Shifting: Once our new Academic Block will be ready, the supplier has to shift and reinstall the instrument free of cost to that new Academic Block.

3.38 Reservation of Rights:

3.38.1 The University reserved all the right to enhance or mitigate the quantity without any notice.

3.38.2 The University reserves all the rights to accept or reject any or all tenders without assigning any reason what so ever at any stage and no further correspondence will be entertained in this regards.

3.38.3 The University reserved all the right to change any Date, Time and Condition of Tendering without assigning any reason.

3.38.4 The acceptance or rejection of the technical bid/tender shall be the sole decision of the University.

3.38.5 The University shall not bound to accept any Proposal, and reserves the right to annul the selection process at any time prior to award of Contract without thereby incurring any liability to the Consultant thereby.

3.38.6 The University reserves all the right to call/demand any document from the bidder as and when required or to reject the bid.

3.39 Training of Personnel: The supplier shall be required to undertake to provide the technical training to the personnel involved in the use of the equipment at the



Institute premises, immediately after completing the installation of the equipment as per Annexure-X.

- 3.40 Technical Compliance Certificate:** This certificate must be provided indicating conformity to the technical specifications and agree to comply with the requirements and intent of specifications (Annexure – II).
- 3.41 Evaluation of Offer:**
- 3.41.1** L1 will be decided on the basis of the policy guidelines issued by Government of Haryana vide G.O. No. 2/2/2010-4-IB-III of dated 19/12/2011 (or as amended from time to time).
 - 3.41.2** If in the event of a tie in L1 in the financial bid, the university will negotiate with all the eligible bidders and the bidder whose quotes are lower than the other bidders shall be declared as L1.
 - 3.41.3** Offer which deviates from the vital conditions (as illustrated below) of the tender shall be rejected:
 - 3.41.3.1.** Non-submission of complete offers.
 - 3.41.3.2.** Receipt of offers after due date and time and or by email /fax (unless specified otherwise).
 - 3.41.4** In case any BIDDER is silent on any clauses mentioned in this tender document, the Institute shall construe that the BIDDER had accepted the clauses as per the invitation to tender.
 - 3.41.5** No revision in the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
- 3.42 Negotiation of Rates:** Regarding negotiations of rates, policy issued by the State Government vide G.O. No.2/2/2010-4-IB-II dated 18.06.2013, G.O. No.2/2/2010-4-IB-II dated 16.06.2014, G.O. No.2/2/2010-4-IB-II dated 09.02.2015 shall be applicable. The policy guidelines are available at <https://haryanaeprocurement.gov.in> on home page under section as Tender Forms.”
- 3.43** The Financial bids of only those bidders will be opened who qualify on the basis of their Technical Bids. The date & time of opening of the Financial bids will be intimated in the due course.
- 3.44** Legal action may be initiated against such Bidder in case any of the information submitted by the Bidder is found to be false at any stage of the contract.
- 3.45 Sanctions for Violations:** Any breach of the aforesaid terms & Conditions and Technical Specification, requirements & conditions by the bidder or any one employed by it or acting on its behalf (whether with or without the
-



Knowledge of the bidder) shall entitle the buyer to take all or any one of the following actions, wherever required:

- 3.45.1** To immediately, call the pre-contract negotiations with other bidders without assigning any reason or giving any compensation to the bidder. However, the proceedings with the other bidder(s) would continue.
 - 3.45.2** The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bank Guarantee (after the contract is signed) shall stand forfeited either fully or partially, as decided by the buyer and the buyer shall not be required to assign any reason therefore.
 - 3.45.3** To immediately, cancel the contract, if already signed without giving any compensation to the bidder.
 - 3.45.4** To recover all sums already paid by the buyer, and in case of an Indian bidder with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a bidder from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the bidder from the buyer in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
 - 3.45.5** To encash the advance bank guarantee and performance guarantee/warranty bond, if furnished by the bidder, in order to recover the payments, already made by the buyer, along with interest.
 - 3.45.6** To cancel all or any other contracts with the bidder. The bidder shall be liable to pay compensation for any loss or damage to the buyer resulting from such cancellation/rescission and the buyer shall be entitled to deduct the amount so payable from the money(s) due to the bidder.
 - 3.45.7** To debar the bidder from participating in future bidding processes of the University for a minimum period of two years, which may be further extended at the discretion of the buyer.
 - 3.45.8** Forfeiture of Performance Bank Guarantee in case of a decision by the buyer to forfeit the same without assigning any reason for imposing sanction for violation.
 - 3.45.9** Legal action may be initiated against such Bidder in case any of the information submitted by the Bidder is found to be false at any stage of
-

the contract.

3.46 BID SIGNING: The Tender must be signed by authorized signatory of the bidding firm/company on each page of the bid, along with seal of the firm/company.

3.47 Conditional Bid: Conditional Bid is not acceptable. Hence, the supplier is advised neither to alter the specification nor to mention anything on the Tender form, except cost, signature with seal, otherwise his Tender shall not be considered. Conditional tenders shall not be entertained at all and shall liable to be rejected summarily.

There should not be any alterations in the bidding documents. In case any alteration is found at any stage, the tender shall be liable for rejection summarily without further appeal.

3.48 Delivery Period and Installation Period Extension: The supply order(s) shall be executed within the time specified in this regard. However, in case of Force Majeure / reasons beyond control of the supplier/ explaining circumstances due to which delivery period could not be adhere to, he may make a written request to the Registrar, SVSU for grant of extension for delivery period and/or installation period. The written request in this regard should clearly spelling out such reasons.

If Registrar, SVSU, is satisfied of such reasons and further that the requested extension is not be detrimental to the interests of the university, may grant extension for a reasonable period for delivery and installation of the goods. The supplier shall be required to indemnify the University against any loss on account of downfall of the price during the extended period.

3.49 Contacting to SVSU Officers: Bidder shall not approach SVSU officers beyond office hours and/or outside SVSU office premises from the time of the Bid opening to the time of finalization of successful bidder. Any effort by bidder to influence SVSU office in the decision on Bid evaluation, bid comparison or finalization may result in rejection of the Bidder's offer. If the bidder wishes to bring any additional information to the notice of SVSU, it should be in writing.

3.50 Forfeiture of EMD/ BG/Performance Security: EMD/ BG/Performance Security made by bidder may be forfeited under the following conditions:

3.50.1 During the evaluation process, if a bidder indulges in any such activity as would jeopardize the process, the decision of SVSU regarding forfeiture of EMD shall be final and shall not be called upon question under any circumstances.

3.50.2 If bidder violates any of the provisions of the terms and conditions of the proposal.

3.50.3 In case supplier fails to fulfil the all terms & conditions and Technical Specification, requirements & conditions, SVSU may consider "Banning" the supplier and the Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bank Guarantee (after the contract is signed) shall stand forfeited either



fully or partially, as decided by the SVSU and the SVSU shall not be required to assign any reason therefore.

3.50.4 In the case of a successful bidder, if bidder fails to:

3.50.4.1.Accept the work order along with the terms and conditions.

3.50.4.2.Furnish performance security.

3.50.4.3.Violates any of the work conditions of this proposal or indulges in any such activities as would jeopardize the work.

3.50.4.4.Submitting false/misleading information/ declaration/ documents/ proof/etc.

3.50.5 The decision of Competent Authority SVSU regarding forfeiture of EMD/ BG shall be final and shall not be called upon to question under any circumstances, besides, forfeiture of EMD/ BG even the bidder will be deferred from participating in any job for a period of two years.

3.51 Amendment of Tender Document: At any time before the deadline for submission of tender, SVSU may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective firm, modify the Tender Document by amending, modifying and/or supplementing the same. All prospective firms shall be notified of any amendments on e-tender website and/or SVSU web site and all such amendments shall be binding on them without any further act or deed on SVSU's part. The prospective firms are advised to periodically browse e- tender website and/or University website www.svsu.ac.in to find out any further addendum/amendment/corrigendum/Notice/clarification published with respect to this tender. In case of any bid addendum/amendment/corrigendum/Notice/clarification, the responsibility lies with the bidders to note the same from web site. The **Shri Vishwakarma Skill University, Haryana** shall have no responsibility for any delay/omission on part of the bidder. In the event of any amendment, SVSU reserves the right to extend the deadline for the submission of the bids, in order to allow prospective Bidders reasonable time in which to take the amendment into account while preparing their bids.

3.52 Model Clause for Land Border Sharing Countries with India: As per the Order of Ministry of Finance, Department of Expenditure, Public Procurement Division. F.No. 6-18-2019-PPD Date 23/07/2020, any bidder from such Countries sharing a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) **only if the bidder is registered with the Competent Authority**, Specified in Model Clause and Certificate Annexure –XVI.

The Competent Authority for the purpose of Registration under this order shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

Bidders can read the clause regarding restrictions on procurement from a bidder of a country, which shares a land border with India as per the Order of Ministry of Finance, Department of Expenditure, and Public Procurement Division. F.No. 6-18-2019-PPD Date 23/07/2020.

A certificate for the same shall be submit by the bidder as Specified in Model Clause and Certificate Annexure –XVI.

3.53 Special Terms and Conditions:

- 3.53.1** The offer without complete or partial prescribed earnest Money, Tender Fee & E-Service fee, shall is liable to be summarily rejected.
- 3.53.2** The deficiency in the documents and tender requirement can be made subject to the decision made by Procurement Department/all the Tender Committees individually has a right to call/demand any document from the bidder as and when required or to reject the bid. Procurement Department/all the Tender Committees individually are empowered to take any action/decision /requirement of documents at any stage.
- 3.53.3** Any company/firm/dealer/manufacturer black listed by Central/State Government/Autonomous Organization are not entitled to submit the tender. If it is submitted, it shall be rejected and Earnest Money Deposit/Performance Security shall be seized and legal action shall be taken against them.
- 3.53.4** The firm/agency/bidder shall not be black-listed/de-listed/debarred/demobilized for poor or unsatisfactory performance from any project by Govt. of India/Any other State Govt./Haryana Govt. or its Departments/Agencies etc. for which he has to submit the affidavit.
- 3.53.5** Bidder shall abide to all terms and conditions and Technical Specification stipulated in tender document and supply and installation & commissioning of Machine/Lab Appliances etc. in running condition within stipulated time frame for which he has to submit the affidavit.
- 3.53.6** Bidder shall submit affidavit for Authenticity and Correctness of information/documents stipulated in tender document.
- 3.53.7** Bidder shall submit the Affidavit and relevant certificate/document regarding seeking benefits/ concessions by Haryana based manufacturing Micro, Small and Medium Enterprises (MSEs) and Startups/First Generation Entrepreneurs (If Applicable)
- 3.53.8** The foreign manufacturer or their Indian representative shall ensure a proper service after sale as per requirement from time to time, against the guarantee/warrantee clause as per the terms and conditions agreed. Any negligence on this account shall be the sole responsibility of foreign bidder and liability for compensation shall be fixed up by the Department.
- 3.53.9** Reference, information and certificates from the respective clients certifying technical and execution capability shall be signed and the contact numbers of all such clients shall be mentioned. The University may also independently seek information regarding the



performance from the clients and visit referred customers' consortium partner in India/Abroad at bidder's cost.

- 3.53.10** In case any BIDDER is silent on any clauses mentioned in this tender document, the Institute shall construe that the BIDDER had accepted the clauses as per the invitation to tender.
- 3.53.11** The concessions/benefits to MSMEs/startup subject to fulfillment/eligible as per Haryana State Public Procurement Policy for MSME -2016 notified vide G.O. No. 2/2/2016-4I BII (1) dated 20-10-2016 and turnover criteria as per Haryana Government (or as amended from time to time in this regard).
- 3.53.12** All the terms and conditions and Technical specifications contained in the Tender document shall be the part of this agreement.
- 3.53.13** Supplier should supply all the Appliances mentioned in the tender document on turnkey/Partial basis. Incomplete or partial bidding shall not be accepted; in such case, the bid will not be considered. Supplier shall supply all the Appliances mentioned in the tender document.
- 3.54.** Legal action may be initiated against such bidder in case any of the information submitted by the bidder is found to be false at any stage of contract.
-

<< **Organization Letter Head** >>**4. Technical Specification and Compliance Sheet**

Tender Criterion: The Purpose of buying the lab/equipment is for proper education of students & make them employable in Industry. Hence, the equipment availability & reliability should be in high order with latest version. In order to ensure flaw less service back up and 100% Equipment availability without any down time is necessary.

1. The offered Model of OEM must be working in Indian Conditions, without any Problems. Minimum 2 performance reports to be submitted.
2. Company should have Experience in installation, Service and Training of such lab/equipment in Indian Environment. Detailed list to be submitted.
3. OEM should have service branch in the nearest possible locations to the University; and the OEM should have spares etc. stored in India (nearest possible location).
4. The Bidder should be able to provide support for hardware components (spares, accessories and consumables) and the software for a minimum period of 10 years from the date of commissioning.
5. The bidder should provide free updates for the software installed time to time.
6. The Bidder should provide Instruction Manuals, Operation Manuals, Safety Manuals, Training Modules, Relevant manuals, Problems with solutions, literature and standard Programme tutorials both hard and soft copy and provide the display boards.
7. Supplier has to give full warranty of the system for Three Year.
8. All accessories (Connecting pipes/tubes/ electrical cables, etc.) will be supplied by the bidder for each unit for smooth running of Lab.
9. Concerned Department may visit the OEM premise before dispatch of machine.
10. Incomplete or partial bidding will not be accepted; in such case, the bid will not be considered. Supplier should supply all the equipment is mentioned in the tender document on turnkey basis.
11. The systems should be complete in all respect including spares, Consumables and accessories including for 3 years but not limitation to following. The warranty period will be three years' duration for each item on comprehensive basis.



Scope of Work:

Specification and Requirements: -

Package 1: Electronics Development, Robotics, Internet of Things and Sensors				
Category	Name	Specification	Suggested Quantity (in Nos)	Type
Electronics Development	Arduino Uno Made In Italy	ATmega328P - 8 bit AVR family Microcontroller, equivalent or better.	30	Consumable
		Operating Voltage: 5V		
		Digital I/O Pins: 14 (of which 6 provide PWM output)		
		PWM Digital I/O Pins : 6		
		Accessories : Case shell enclosure, compatible USB cable (length - 6 inch or more)		
Electronics Development	Arduino Nano Made In Italy	ATmega328P - 8 bit AVR family Microcontroller, equivalent or better.	10	Consumable
		Operating Voltage: 5V		
		Digital I/O Pins : 14 (of which 6 provide PWM output)		
		Analog Input Pins : 8		
		Accessories : Compatible USB cable (length -6 inch or more)		
Category	Name	Specification	Suggested Quantity	Type

Electronics Development	Arduino Mega Made In Italy	AT mega 2560P - 8 bit AVR Family microcontroller, equivalent or better.	10	Consumable
		Operating Voltage: 5V		
		Digital I/O Pins : 54 (of which 6 provide PWM output)		
		Analog Input Pins: 16		
		Accessories: Case shell enclosure, Compatible USB cable (length -6 inch or more)		
Electronics Development	Raspberry Pi 4 Model B	RASPBERRY PI 4 MODEL B, equivalent or better	5	Consumable
		Broadcom 2711, 64-bit quad-core Cortex-A72 processor, 4GB RAM True Gigabit Ethernet port, 2 x USB 3.0 “Super-Speed” ports 802.11b/g/n/ac wireless LAN (2.5 GHz & 5GHz) Bluetooth 5.0 Dual micro-HDMI ports, 4K UHD video H.265 decode (4kp60)H.264 decode (1080p60) OpenGL ES 1.1, 2.0, 3.0 graphics PoE capable 5V3A USB-C power supply required		
Electronics Development	Breadboards & Mini Breadboard	Solderless 400 pin breadboard	30	Consumable
		Solderless 800 pin breadboard	20	
		Self-Adhesive Proto Shield	20	
Electronics Development	General Purpose solderable Board	FR2 A Grade Material (140 x90 mm)	30	Consumable
		FR2 A Grade Material (80 x 55 mm)	30	Consumable
	Berg Strips	Female Berg Strip, 2.54mm pitch, 40 pin single row, breakable pin	30	Consumable
		Male Berg Strip, 2.54mm pitch, 40 pin single row, breakable pin	30	Consumable
Electronics Development	16x2 LCD display	Dot matrix LCD display. 16 characters X 2 lines. I2C	20	Consumable
Electronics Development	USB Cables	USB Cable Set (A to B, 12 inch or more)	10	Consumable



Electronics Development	USB Cables	USB Cable Set (Mini, 12 inches or more)	10	Consumable
Electronics Development	Battery	9-12V 2000 to 2500 mAh Rechargeable battery with 2 chargers. Equivalent or better	10	Consumable
Category	Name	Specification	Suggested Quantity	Type
Electronics Development	Resistor Kit	One kit contains - 30 carbonfilm resistors of 20 different resistance values each assorted, packaged together and labelled.	20	Consumable
		Wattage: 0.125W to 1W		
		Values: 0Ω, 1.5Ω, 4.7Ω, 10Ω, 47Ω, 100Ω, 220Ω, 330Ω, 470Ω, 680Ω, 1kΩ, 2.2kΩ, 3.3kΩ, 4.7kΩ, 10kΩ, 22kΩ, 47kΩ, 100kΩ, 330kΩ, 1MΩ		
Electronics Development	Capacitor Kit	One kit contains - 20 electrolytic capacitors of 10 different capacitance values each.	20	Consumable
		Assorted kit packaged together and labelled.		
		Values: 10pF, 22pF, 100pF, 1nF, 10nF, 100nF, 1μF, 10μF, 100μF, 1000μF		
Electronics Development	Linear Voltage Regulator	7805, 7812, 7809	30	Consumable
Electronics Development	Water Pump Module	DC12V 3W Submersible Water Pump	4	Consumable
Electronics Development	Piezoelectric Plate	Normal Copper based 4 cm Diameter approx.	30	Consumable
Electronics Development	8*8 LED Matrix Module	Max7219 Dot LED Matrix Module. MCU Control LED Display Module	10	Consumable
Electronics Development	Bluetooth module	HC 05 Bluetooth module	15	Consumable
		Voltage Rating: 5 V		
Electronics Development	7 Segment Led Display	LED 4-Digit Display Module	20	Consumable
		Voltage Rating: 2.4V to 5.5V		
		4-Pin interface:		
		Vcc, Gnd, Data, Clock		



Electronics Development	GSM	Sim900 GPRS Transfer Board Micro Sim Gsm Core TTL Port Module for Arduino	4	Consumable
Electronics Development	GPS	GY-NEO6MV2 new GPS module	4	Consumable
Electronics Development	Laser Diode Emitter	650 nm 5V Mini Laser Dot Diode Module	10	Consumable
Category	Name	Specification	Suggested Quantity	Type
Electronics Development	LDR Module	5mm/12mm, Photosensitive LDR Light Sensor Module	30	Consumable
Electronics Development	Keypad	Universal 16 Key Switch Keypad	10	Consumable
Electronics Development	JoyStick	2-axis joystick with push button function	10	Consumable
Electronics Development	Active Buzzer	Small 5 volt	40	Consumable
		Big 5 volt	40	Consumable
Electronics Development	Motor driver Module	L293D, 4-Channel driver module	10	Consumable
Electronics Development	Sound Playback Module	ISD1820 voice recording module or equivalent	10	Consumable
Electronics Development	DC Plastic Gear motor with Wheel	12V, 150RPM, Side Shaft BO (Battery operation) Motor	40	Consumable
Electronics Development	Node MCU	ESP 8266	6	Consumable
		I2C, 1 wire, plug and play		
Electronics Development	WeMos D1 R2	WeMos D1 R2 with WiFi ESP 8266	6	Consumable
		Operating Voltage: 5V		
Electronics Development	Vibrating Motor	Weight: 10 Grams	20	Consumable
		Operating Voltage: 1.5 to 3V		
Electronics Development	Alligator Connectors	Multi-Colour Alligator Connectors - 12 inch	200	Consumable
Electronics Development	Battery clips with DC Jack	9-volt battery clips with DC Jack	40	Consumable
Electronics Development	Hook-up Wires	Red & Black set 100 Meters each	4	Consumable
Electronics	Jumper Cable	Male-Male	1000	Consumable
		Male-Female	600	



Development		Female-Female	400	
Electronics Development	RGB LEDs	Regular 5mm 3-5 volt Range	400	Consumable
Electronics Development	LEDs (Red)	Regular 5mm 3-5 volt Range	1000	Consumable
Electronics Development	LEDs (Green)	Regular 5mm 3-5 volt Range	1000	Consumable
Electronics Development	LEDs (Blue)	Regular 5mm 3-5 volt Range	1000	Consumable
Electronics Development	LEDs (Yellow)	Regular 5mm 3-5 volt Range	1000	Consumable
Electronics Development	LEDs (White)	Regular 5mm 3-5 volt Range	1000	Consumable
Category	Name	Specification	Suggested Quantity	Type
Electronics Development	Timer IC - LM 555	LM 555 Timer IC.	30	Consumable
		Voltage range - 4.5V to 16V		
Electronics Development	Atmega16u2	8 bit microcontroller Individual IC (DIP).	10	Consumable
		Voltage range: 2.7V to 5.5V.		
		Operational Range: -40°C to +80°C		
Electronics Development	Diodes and Transistors Kit	One Kit Contains - 25 Assorted Basic Diodes of 4 different types each.	3	Consumable
		Types: NPN Transistor - 2N3904, BC547 PNP Transistor		
		- 2N3906, BC557 Silicon Diode		
		- 1N4148, Power Diode - 1N4004/4001.		
		Equivalent or better.		
		Wattage: 1W, Current rating: 1A		
Electronics Development	Button Switch Set	Assorted kit packaged together and labelled.	3	Consumable
		One Kit Contains - 100 buttons of different types.		
		Types: Push, toggle, rotary, selector and slide switch.		
Electronics	Capacitive	MPR 121 with I2C.	20	Consumable
		Voltage Range:		

Development	touch Module	2.5V to 3.6V DC.		
Electronics Development	Capacitive Touch Switch Module	Digital Capacitive touch switch module -TTP223B	10	Consumable
		Voltage Range: 2V to 5V DC.		
Internet of Things & Sensors	IR Proximity Sensors, Obstacle avoider sensor module	LM393	20	Consumable
		Detection distance: 2 - 30 cm		
		Detection angle: 30 - 40°		
Internet of Things & Sensors	Triple Axis Magnetometer	3-Axis Magneto resistive Sensors	10	Consumable
		I2C Digital Interface		
		Integrated 12-bit ADC		
		Range of -8 to +8 Gauss		
		160 Hz Maximum o/p rate		
Category	Name	Specification	Suggested Quantity	Type
Internet of Things & Sensors	Humidity Sensor	Operating range:	10	Consumable
		20 – 95 % RH		
		Temperature: 0 - 60 Celsius		
		Power supply:		
		1.5V AC (Max sine)		
		Operating frequency:		
		500Hz - 2kHz		
Internet of Things & Sensors	MQ Series	MQ - 2 Smoke Detection	3	Consumable
		MQ-3 Alcohol - Ethanol Sensor	3	
		MQ-4 Methane Natural Gas Sensor	3	
		MQ-5 Methane Liquefied Gas Sensor	3	
		MQ-6 Liquefied Petroleum Gas Sensor	3	
		MQ-7 High Sensitivity CO Carbon Monoxide Sensor Detector	3	
		MQ-8 Hydrogen Gas Sensor	3	
		MQ-135 Air Quality Sensor	3	
Internet of Things & Sensors	IR transmitter/	TSOP 1738	10	Consumable
	Receiver	Switching rate: 38 KHz		
		Voltage Rating: 5V		
Internet of Things &	Ultrasonic Sensor Module HC-SR-04	Working Voltage - DC 5V	40	Consumable
		Working current - 15 mA		
		Working Frequency - 40 Hz		
		Range - 1 cm to 4 m		

Sensors	or Compatible	Effectual Angle - <15°		
		Measuring Angle - 30°		
		Resolution - 0.3 cm		
Internet of Things & Sensors	Triple Axis accelerometer-	3-axis sensing	10	Consumable
		Small, low profile package		
		4 mm × 4 mm × 1.45 mm		
		LFCSP		
		Low Power: 350 μ A (typical)		
		Single-supply operation: 1.8 V to 3.6 V		
		Temperature stability		
Category	Name	Specification	Suggested Quantity	Type
Internet of Things & Sensors	PIR Motion Detector Module	High digital pulse when motion detected	20	Consumable
		Low digital pulse when idle /no motion detected		
		Sensitivity range (up to 6 m)		
		Power supply: 5V – 12V		
Internet of Things & Sensors	Pulse Rate Heart Sensor	Pulse Rate Sensor Finger Based (finger or earlobe) Working voltage 3-5V	4	Consumable
Internet of Things & Sensors	Relay Module	5V 10A - 2 Channel Relay Module. Compatible with Arduino.	20	Consumable
Internet of Things & Sensors	Relay Module	5V 10A - 1 Channel Relay Module. Compatible with Arduino.	20	Consumable
Internet of Things & Sensors	Big Sound microphone module	Large Electret capsule sound module	10	Consumable
Internet of Things & Sensors	Soil Moisture Sensor module	FC-28 with LM293 comparator	6	Consumable
		Operating Voltage: 3.3V to 5V.		
Internet of Things & Sensors	Touch Sensor	Capacitive Touch Sensor Module. TTP22X series. Voltage Range: 2.4V to 5.5V	6	Consumable
Internet of Things & Sensors	Metal Touch Sensor Module	KY-036 or equivalent metal touch sensor module	6	Consumable
Internet of Things & Sensors	Rain Drop	Rain Sensitive, Rain Drop Detection Sensor Module. Voltage Range: 3.3V to 5.5V.	6	Consumable

Sensors	Sensor	Size: 5mm X 40mm or equivalent.		
Internet of Things & Sensors	Flex Sensor	Flex Sensor. Size - 2.2 Inches	6	Consumable
Internet of Things & Sensors	Temperature Sensor	LM35 Full range temperature sensor. Voltage Range: 4V to 30V. Error: $\pm 0.5^{\circ}\text{C}$	6	Consumable
Internet of Things & Sensors	Temperature and humidity sensor module	DHT 11	40	Consumable
		Voltage Range: 3V to 5V		
Category	Name	Specification	Suggested Quantity	Type
Internet of Things & Sensors	Force Pressure Sensor	Force sensitive resistor with a square, 1.75x1.5" sensing area	10	Consumable
Internet of Things & Sensors	Colour Recognition Sensor	TCS3200 Colour Recognition Sensor	4	Consumable
Internet of Things & Sensors	Water Flow Sensor	Arduino Compatible Water flow sensor. 5V DC Input.	4	Consumable
Internet of Things & Sensors	Sound Sensor	Sound Sensor Module, Microphones module	10	Consumable
Internet of Things & Sensors	IR Sensors Array module for Line Following	8 IR Sensors Array module for Line Following	10	Consumable
		Operating Voltage: 5V		
Internet of Things & Sensors	Power Bank	10000 mAh 5-volt Power Bank	5	Consumable
Internet of Things & Sensors	RFID Reader – Tags	Current :13-26mA / DC 3.3V	10	Consumable
		Idle Current :10-13mA		
		Sleep Current<80uA		
		Peak Current<30mA		
		Operating Frequency: 13.56MHz<30mA		
		Read range between 20 cm to 1 m		
Internet of Things & Sensors	RF Modules Tx & Rx 315 MHzASK	Frequency Range: 433.92/315 MHz	10	Consumable
		Supply Voltage: 3 – 6 V		
		Output: 4 – 16 Dbm		
		Low power consumption		



		Easy application		
Robotics	Stepper motorwith Driver board	28BYJ-48 ULN2003 5V Stepper Motor + ULN2003 Driver Board	10	Consumable
Robotics	DC motor	12V DC Gear 150 RPM	20	Consumable
Category	Name	Specification	Suggested Quantity	Type
Robotics	Servo motors	Position Servo Angle based Metal Gear	10	Consumable
		Small Servo Metal Gear, 1.8Kg-cm(4.8volt), 2.2 Kg-cm(6v)	10	
		Continuous Metal Gear Servo 360, 9.4 kg-cm(4.8volt)	10	
		Small Servo Plastic Gear, Voltage – 5v	40	
Robotics	150 RPM BO (Battery operated) DC Motor	150 RPM BO Motor	20	Consumable
Robotics	L298P Motor Driver	L298P Motor Driver Shield or relative Driver Shield	10	Consumable
Robotics	Servo Motor Tester	CCPM 3 channel Servo Tester	4	Consumable
DIY Kit	Robotics DIY Kit	Robotics DIY kit with programmable intelligent brain/brick.	5	Equipment
DIY Kit	Mechanical (Modular) Construction kit	Metal/plastic mechanical construction kit compatible with electronic equipment.	5	Equipment
STEM Learning/Application Kit	Drone Kit	Educational Purpose	1	Equipment
	Aerospace Kit		1	
	Automobile Kit		1	
	Bio-Medical Kit		1	
	Agri-Tech Kit		1	
	Water/ Sanitation Kit		1	
	Bio Tech Kit		1	
	Other Potential STEM Application Kit		1	
Package 2: Rapid Prototyping Tools				

Category	Name	Description	Suggested Quantity	Type
Rapid Prototyping Tools	3in1 3D Printing Kit and tools 3D Printing + CNC Cutting + Laser Engraving Machine	<p>Printer Type: FDM (Fused Deposition Modelling), Molding Technology: FDM fused deposition molding Molding Size: 200x200x200mm File Format: STL, OBJ, AMF Supporting Material: 1.75mm diameter PLA, ABS, TPU, PVA Nozzle Diameter: Standard 0.4 mm, can be in 0.6 mm, 0.8 mm, 1.0mm, 1.2 mm Hot Bed Temperature: $\leq 100^{\circ}\text{C}$</p> <p>CNC Cutting Working Size: 200x200mm Support Materials: wood, paper, PCB, plastic, etc File Format: JPG, JPEG Spindle Speed: 4800 rpm max Standard Cutter Size: Tungsten Alloy Milling Cutter</p> <p>Laser Engraving Working Size: 200x200mm Support Materials: wood, paper, plastic, leather, etc File Format: JPG, JPEG Laser Power: less than 0.5w Quality Anti-bacterial/fungal Cover. Repair Kit - with spare springs, screws, keys, tweezers, etc.</p>	1	Equipment

Rapid Prototyping Tools	Dedicated UPS/Power back up	Dedicated UPS/Power Back up with 2-hour battery backup.	1	Equipment
Rapid Prototyping Tools	Filament for 3D printer	Compatible 1000 Grams Filament in 5 different colours White PLA -8 Marble PLA -2 Wood PLA - 2 Glow in dark PLA on- 2 Pink – 2 Blue – 2 Orange – 4 Grey – 2 Black 2 Red -2 Green 2	30	Consumable
Rapid Prototyping Tools	Filament Storage Box	Compatible Filament storage box	5	Consumable
Rapid Prototyping Tools	Set of Arts & Crafts Accessories – e.g.- stationary items and basic prototyping material	Cardboard	5	Consumable
		Foam core boards	5	
		20m spool of thick strings various colour	5	
		Rubber band	100	
		Popsicle sticks	100	
		Wood glue – 500 ml	2	
Package 3: Mechanical, Electrical and Measurement tools				
Category	Name	Description	Suggested Quantity	Type
Mechanical	Hacksaw Frame	Size: 12 inches	1	Equipment



Tools		Material – flat steel		
Mechanical Tools	Hacksaw blades	Size: 12 inches High carbon steel (HCS)	10	Consumable
Mechanical Tools	Mini Hacksaw Frame	Size: 6 inches Flat steel	1	Equipment
Mechanical Tools	Mini Hacksaw blades	Size: 6 inches High carbon steel (HCS)	10	Consumable
Mechanical Tools	Pliers: 4.5-inch size	External Straight	1	Equipment
		Nose Circlip Plier	1	
		Long Nose Plier	1	
		Combination Mini Plier	1	
		Wire stripping pliers	1	
		Bent nose plier	1	
		Needle nose pliers	1	
Mechanical Tools	Tweezer Set	6 Pc Non-Magnetic Tweezer Set Size - 6 inches	2	Equipment
Mechanical Tools	Ball Peen Hammer	Ball Peen Hammer Weight - 0.75kg	1	Equipment
Mechanical Tools	Steel Shaft Claw Hammer	Claw Hammer Steel Shaft Weight - 0.75kg	1	Equipment
Mechanical Tools	C-Clamp	Metal Clamp: 3-inch size	4	Equipment
Mechanical Tools	Flexible Extension Shaft	150 mm length, 10mm chuck size	5	Equipment
Mechanical Tools	Allen Key Set	10 Piece Ring Imperial Allen Hex key	1	Equipment

Mechanical Tools	Drill Machine Set	Drill Machine with accessories Hammer/Screw and clockwise/anticlockwise modes. Power: 500W Chuck capacity - 1 to 10 mm Drill Bits Complete set Masonry –4, 5, 6, 8, 10 mm. Metal- 2, 3, 4, 5, 6 mm. Wood – 4, 5, 6, 8 mm Spirit level – Horizontal, vertical , slanting Adjustable knife and Wrench	1	Equipment
Mechanical Tools	Drilling Workstation	Drill Press, Drill Holder and Rotary Tool, Compatible with Drilling machine provided	1	Equipment
Mechanical Tools	Spanner Set	12-piece combination Spanner Set Range - 4 mm to 30 mm	1	Equipment
Category	Name	Description	Suggested Quantity	Type
Mechanical Tools	Vice Normal	Table top vice	1	Equipment
Mechanical Tools	Precision ScrewDriver	6 Piece Precision Screw Driver Set Types: PH0, PH1, Flat	2	Equipment

	Set	head - 1.4mm, 2mm, 2.4mm, 3mm		nt
Mechanical Tools	Wrench	Adjustable Universal Wrench	2	Equipment
Mechanical Tools	Wire Strippers	Wire Stripper Cutter Plier With Spring -26x6x20 cm (LxWxH)	10	Equipment
Mechanical Tools	Screwdriver set	40 pc Multi-purpose screwdriver set	10	Equipment
Mechanical Tools	Rotary Multitool Set	<p>Rotary multitool with all cutting, grinding, polishing, engraving and drill bits.</p> <p>109-in-1 woodcarving drilling grinding drill tuner</p> <ul style="list-style-type: none"> • Voltage:220-240V~50/60Hz • Input power:130W • No-load speed:10000-35000rpm • Collet size:3.2mm/2.3mm • Variable speed control • With 1pcs flexible shaft • With 109pcs accessories • With 1set extra carbon brushes 	1	Equipment
Mechanical Tools	Air Blower	500 W or more. Variable speed blower	1	Equipment



Mechanical Tools	Drill Bit Set	High Quality 13 Pcs HSS Drill Bits Set for Wood, Iron, Aluminium, Plastic etc.	1	Equipment
Mechanical Tools	File set	6 pc file set Working length - 6 inch (different type)	7	Equipment
	Mini File set	6 pc mini file set Working length - 3 inch (different type)	7	Equipment
Mechanical Tools	Flexible Cutting Mat	A3 Size with Marked Pattern and Grids (18" X 12")	1	Equipment
Mechanical Tools	Plastic Storage Drawer/Organiser	Number of Drawers: 60 or equivalent Drawer size (l*w*d) (inch): 2*2*5	2	Equipment
Mechanical Tools	Pegboard	Pegboard System to mount tools on wall with attachments (hooks etc.) Size: 3ft*2ft	2	Equipment
Category	Name	Description	Suggested Quantity	Type
Electric Tools	Hot glue gun	Works with standard 0.5-inch glue sticks. 100Watts (220-240w) Temperature - 230 to 280 degree Celsius.	7	Equipment

Electric Tools	Digital Oscilloscope	RIGOL or similar No generic Minimum Bandwidth:50 Mhz. Minimum number of channels: 2 channels. Sample Rate: 1Gsa/s With inbuilt waveform Function generator.	1	Equipment
Electric Tools	Soldering Kit	Variable Wattage of Soldering Iron: 15-30 watts/230 volts	4	Equipment
		Soldering Iron Temperature Range: 280°C to 450°C		
		De-Soldering Pump, Soldering Flux (Paste) 100grams, DE-soldering Copper Braid (Solder Wick) - 1.5m*2mm		
		Compatible Soldering Tip - Bevel, Chisel, Conical - 5 each per kit.		
		Soldering Wire: 20/22 AWG soldering Wire withrosin core flux (100 Grams)		
Electric Tools	Adapters	DC power Adapter with 5V, 2A	10	Consumable
Electric Tools	Adapters	DC power Adapter with 12V, 2A	10	Consumable

Electric Tools	Electric Screw Driver Set (Cordless)	Multipurpose Electric screwdriver set. Accessories - Compatible bits Mode - Wireless Battery - Li-ion 3.6V or equivalent with charging dock Torque hard : 5 NM Torque Soft : 2.5 Nm	1	Equipment
Electric Tools	Dual Temperature Heat Gun	1800 W Dual Temperature Heat Gun	1	Equipment
Category	Name	Description	Suggested Quantity	Type
Electric Tools	Soldering Helping hand	Specifications: Adjustable crocodile holding clamps/clip. Soldering iron holder. LED light. Magnifying lens.	4	Equipment
Electric Equipment	Projector Type: No Optical Zoom / Focus (Manual) Focal Length: 16.70 mm F-number: 1.44 Zoom: 1.44 - 1.95 (Wide to Tele) Ratio Throw Ratio Range: 1.00 – 1.35 (Digital Zoom)	3LCD technology for equal white & colour light output Native XGA resolution and 4:3 performance Long lamp life up to 12,000 hours*2 in ECO mode Easy setup and positioning flexibility HDMI connectivity	1	Equipment
Electronic Equipment	Laptop	<ul style="list-style-type: none"> 12th Generation Intel® Core™ i7 processor Windows 11 Home 39.6 cm (15.6) diagonal, FHD (1920 x 1080), 144 Hz, 9 ms response time 	06	Equipment

		<ul style="list-style-type: none">• NVIDIA® GeForce RTX™ 3050 Laptop GPU (4 GB GDDR6 dedicated)• 1 TB PCIe® Gen4 NVMe™ TLC M.2 SSD• 16 GB DDR4-3200 MHz RAM (2 x 8 GB)• Weighs: 2.29 kg																																																					
Electronic Equipment	Desktop06			Equipment																																																			
	<table><thead><tr><th>Specification</th><th>Value</th></tr></thead><tbody><tr><td>Processor Make</td><td>Intel</td></tr><tr><td>Processor Generation</td><td>i7 or higher</td></tr><tr><td>Number of Cores per Processor</td><td>12 or higher</td></tr><tr><td>Processor Base Frequency (GHz)</td><td>2.5 or higher</td></tr><tr><td>Cache (MB)</td><td>12 or higher</td></tr><tr><td>Graphic card capacity</td><td>Dedicated 2 GB or higher</td></tr><tr><td>Operating System (Factory Pre-Loaded)</td><td>Windows 11</td></tr><tr><td>OS Certification</td><td>Microsoft windows</td></tr><tr><td>Type of RAM</td><td>DDR5</td></tr><tr><td>RAM Size (GB)</td><td>16 or higher</td></tr><tr><td>RAM Speed (MHz)</td><td>4800 Mhz or higher</td></tr><tr><td>RAM Expandability up to (using spare DIMM Slots in GB)</td><td>128 or higher</td></tr><tr><td>Type of Drives used to populate the Internal Bays</td><td>SSD</td></tr><tr><td>Capacity of each HDD (TB)</td><td>1 TB or higher</td></tr><tr><td>Wireless Connectivity</td><td>Yes (inbuilt)</td></tr><tr><td>Type of Wireless Connectivity</td><td>Wi-Fi</td></tr><tr><td>Wi-Fi</td><td>802.11ac</td></tr><tr><td>Number of Ethernet Ports</td><td>1</td></tr><tr><td>Type of Ethernet Ports</td><td>10/100/1000 on board Integrated Gigabit Port</td></tr><tr><td>LED Backlit Monitor Size (INCHES)</td><td>23.8 or higher</td></tr><tr><td>Monitor Resolution (PIXELS)</td><td>4096×2160</td></tr><tr><td>On Site OEM Warranty (Year)</td><td>5 or higher</td></tr><tr><td>Port Connectivity</td><td>DP port -1, HDMI -1, Audio out Port with microphone support, PCIe slot -2, USB port – minimum 4 (out of this minimum 2 USB 3.1), USB port – 2 on front, Type C port -1, M2 PCIe slot – 1</td></tr><tr><td>Keyboard</td><td>Wired Keyboard from the same OEM asDesktop with embossed OEM Logo</td></tr></tbody></table>			Specification	Value	Processor Make	Intel	Processor Generation	i7 or higher	Number of Cores per Processor	12 or higher	Processor Base Frequency (GHz)	2.5 or higher	Cache (MB)	12 or higher	Graphic card capacity	Dedicated 2 GB or higher	Operating System (Factory Pre-Loaded)	Windows 11	OS Certification	Microsoft windows	Type of RAM	DDR5	RAM Size (GB)	16 or higher	RAM Speed (MHz)	4800 Mhz or higher	RAM Expandability up to (using spare DIMM Slots in GB)	128 or higher	Type of Drives used to populate the Internal Bays	SSD	Capacity of each HDD (TB)	1 TB or higher	Wireless Connectivity	Yes (inbuilt)	Type of Wireless Connectivity	Wi-Fi	Wi-Fi	802.11ac	Number of Ethernet Ports	1	Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port	LED Backlit Monitor Size (INCHES)	23.8 or higher	Monitor Resolution (PIXELS)	4096×2160	On Site OEM Warranty (Year)	5 or higher	Port Connectivity	DP port -1, HDMI -1, Audio out Port with microphone support, PCIe slot -2, USB port – minimum 4 (out of this minimum 2 USB 3.1), USB port – 2 on front, Type C port -1, M2 PCIe slot – 1	Keyboard	Wired Keyboard from the same OEM asDesktop with embossed OEM Logo		
Specification	Value																																																						
Processor Make	Intel																																																						
Processor Generation	i7 or higher																																																						
Number of Cores per Processor	12 or higher																																																						
Processor Base Frequency (GHz)	2.5 or higher																																																						
Cache (MB)	12 or higher																																																						
Graphic card capacity	Dedicated 2 GB or higher																																																						
Operating System (Factory Pre-Loaded)	Windows 11																																																						
OS Certification	Microsoft windows																																																						
Type of RAM	DDR5																																																						
RAM Size (GB)	16 or higher																																																						
RAM Speed (MHz)	4800 Mhz or higher																																																						
RAM Expandability up to (using spare DIMM Slots in GB)	128 or higher																																																						
Type of Drives used to populate the Internal Bays	SSD																																																						
Capacity of each HDD (TB)	1 TB or higher																																																						
Wireless Connectivity	Yes (inbuilt)																																																						
Type of Wireless Connectivity	Wi-Fi																																																						
Wi-Fi	802.11ac																																																						
Number of Ethernet Ports	1																																																						
Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port																																																						
LED Backlit Monitor Size (INCHES)	23.8 or higher																																																						
Monitor Resolution (PIXELS)	4096×2160																																																						
On Site OEM Warranty (Year)	5 or higher																																																						
Port Connectivity	DP port -1, HDMI -1, Audio out Port with microphone support, PCIe slot -2, USB port – minimum 4 (out of this minimum 2 USB 3.1), USB port – 2 on front, Type C port -1, M2 PCIe slot – 1																																																						
Keyboard	Wired Keyboard from the same OEM asDesktop with embossed OEM Logo																																																						

	<p>Mouse</p> <p>Power Supply</p> <p>Compliance</p>	<p>Wired Mouse from the same OEM as Desktop with embossed OEM Logo</p> <p>90% Efficient Power Supply</p> <p>RoHS, Energy Star, EPEAT Gold Registered, TCO Certified</p>		
Measurement Tools	Return measuring Tape	Return measuring tape 5Mx19mm	2	Equipment
Measurement Tools	Stainless Steel Rule	Stainless Steel 12" / 150 mm Rule	5	Equipment
Measurement Tools	Digital Vernier Calliper	150 mm / 6" Digital Vernier Calliper	2	Equipment
Measurement Tools	Spirit Level	12" Spirit Level	1	Equipment
Measurement Tools	Digital Pen electric Tester	Voltage tester	1	Equipment
Measurement Tools	Digital Multi Meter	Digital Multi Meter Voltage Current Resistance-7 functions +19 ranges to cover DC voltage 200mV to 1kV, AC voltage 200 V - 750 V, DC current 200 μ A - 10 A Resistance 200 -2 M Ohm and Transistor & diode test.	7	Equipment
Biology Kit	DIY Paper Microscope	DIY Paper microscope. Magnification range - 100x to 2000x	7	Consumable
Astronomy Equipment	Telescope	All glass optical components Altazimuth mount suitable for terrestrial and astronomical use	1	Equipment



		minimum 700 mm focal length		
Textile Equipment	Sewing Kit	Semi-Automatic Sewing machine	1	Equipment
		Straight stitch		
		Consumables - 2 set of assorted needles and 10-colour spool set.		

Package 4: Power Supply & Accessories and Safety Equipment

Category	Name	Description	Suggested Quantity	Type
Power Supply & accessories	Glue Sticks	11 mm x 200mm Hot Melt Glue Stick	100	Consumable
Power Supply & accessories	Nuts and Bolts and screw	Specs - M4X12MM M4X20MM M5X16MM M5X25MM M6X20MM	40	Consumable
Power Supply & accessories	Cable Tie	Small Cable Tie Pack - Pack of 100	10	Consumable
		Medium Cable Tie Pack - Pack of 100	10	Consumable
		Big Cable Tie Pack - Pack of 100	10	Consumable
Power Supply & accessories	Sand Paper	Grit Values - 80, 100, 120, 200, 300. 5 Nos of each	10	Consumable
Power Supply & accessories	Power Strip Adaptors	Standard Quality Extension with 5Amp safety fuse. 5 or more sockets in each extension. 5-meter length of each extension.	7	Consumable
Power Supply & accessories	Bulb Holders	Regular Hanging Bulb holder	10	Consumable

Power Supply & accessories	Two Pin Plug	Regular Two Pin Plug	10	Consumable
Power Supply & accessories	Electric Wires	1.5 Sq mm wire spool copper	90 Meters	Consumable
Power Supply & accessories	USB TO DC jack cable	USB to DC jack cable for Battery bank	10	Consumable
Safety equipment	First-Aid Kit	Standard Medical First Aid kit in portable container.	2	Consumable
Safety equipment	Fire extinguisher (handy units)	Powder Type Fire Extinguisher 2KG	2	Consumable
Safety equipment	Safety goggles (with/ without LED torch)	Polycarbonate Safety goggles Clear lens with no tint Cover half upper face with adjustable strap	30	Consumable
Safety equipment	LED Bulb	9W	10	consumable
Safety equipment	Laser safety glasses Optical Density 6	Bosch Laser Glasses	15	Consumable
Safety equipment	Safety Gloves Pairs	Latex Coating Gloves (Medium Size)	10	Consumable
Safety equipment	Anti-static safe discharge wrist band	Current limiting register 1 m Ohm +/- 5 % Electrostatic discharge time -<0.1 second	10	Consumable
Safety equipment	Safety Mask	Filtering efficiency ranging 80 percent when tested against 0.3-micron sodium chloride particle	20	Consumable

Safety equipment	Safety shoes	<ul style="list-style-type: none"> • Lining: Moisture wicking breathable fabric lining • Steel Toe: Can withstand an impact of over 200 J • Sole: Double density directly injected PU sole. Care Instructions : Clean with Damp Cloth, Black Polish can be used • Oil and acid resistant, anti-static • Grey Spacer Lining ; Antistatic ; Lace-up model with D rings 	05	Consumable
Safety equipment	Safety apron	<ul style="list-style-type: none"> • Safety Uniform • Cotton • Industrial • All sizes • Color- As per requirement • Pattern- Plain 	02	Consumable
Safety equipment	Safety Halmet	<ul style="list-style-type: none"> • Safety Helmet • Colour Yellow • Material High Density Polyethylene (HDPE) • Specification Met Isi certified • Closure Type Ratchet • Department Unisex-Adult • Weight - 300 g approx. 	02	Consumable



University reserved the right to enhance or mitigate the quantity without any notice.

Note: All the accessories (in all respect) which shall be required to run the machine has to be supplied along with the machine.

OTHER REQUIREMENTS: The bidders will have to fulfil the following general requirements:

1. Bidder shall ensure that the routine work should not hamper during installation and commissioning.
2. Monitoring and inspection: Monitoring and inspection shall be done by Representative of SVSU at site.
3. Supplier should ensure that all the safety measures has to be installed as per the existing statutory compliances while designing the lab.
4. It is mandatory for all bidders to provide installation and equipment training to the Schools (Principal/ ATL-in charge/ faculty members) on handling and usage of equipment, after the delivery of the equipment, at no additional charge.
5. It is mandatory for all bidders to provide 3 years of comprehensive warranty at no additional charge (including for 3D printers). If the school requires repairing of an ATL equipment, then the bidder should provide a replacement till the time the equipment is fully repaired).
6. Bidders should clearly indicate the timeline for delivery of packages, installation and training. The delivery time should not be more than 1 month.
7. The bidders should maintain a supply chain of consumables and other items for 5 years.
8. The bidders should provide 3-year comprehensive AMC, wherever applicable, and clearly indicate the terms and conditions of the same.
9. The bidders should indicate both itemized prices and package wise pricing and provide detailed specification and brand name of all the equipment
10. The bidder should provide all required documents for verification by the school at the time of purchase of equipment. Authorized signatory must sign the documents.
11. The bidders should have a mechanism for proper disposal of e-waste.
12. In case the bidders are third party bidders or channel partners, they should ensure timely availability of all equipment and associated services to the School, to avoid any delay or inconvenience to the schools.
13. The Bidder must ensure the quality of the supplied item and requisite services are satisfactory and up to mark. If the same is not found satisfactory for whatsoever reason, the supplier shall be blacklisted and necessary administrative action shall be taken against them.



14. The bidders found involved any malpractice, misleading schools, and cheating would be blacklisted immediately.
15. The bidder should provide Sun board 15 poster related to tinkering lab various packages.
Thickness: 3 to 5mm, Size: 3 to 4 feet.

The bidder will have to sign with seal of firm on each & every page of this tender as a token of acceptance to our terms & conditions & submit along with technical bid.

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name:

Designation:.....

Organization Name:

Contact No.:



<< Organization Letter Head >> BID SUBMISSION

Online Bid Submission:

Online system shall be followed, i.e.

- (i) Please note that in any case if price-bid/Financial Offer submitted manually then bid shall not be accepted.
- (ii) Only those proposals will be considered for opening, who have submitted their BID online by due date/time (as specified in Bid Data Sheet).

The Online bid complete in all respect. The following checklist is for the convenience of the bidders. Kindly check the following points before submitting the bids.

Sr. No.	Content	Document Submitted (Yes/No)	Page Number as per numbering given to the technical bid documents uploaded on the portal (If Applicable)
1.	Whether the all pages of the proposal has been signed with seal of firm by bidder/authorized signatory?		
2.	Have submitted the Scanned copy (PDF format) of the technical proposals on e-Procurement Portal?		
3.	Have submitted the Company Registration & associated Documents on e-Procurement Portal?		
4.	Have submitted copy of PAN, GST, TAN Registration etc. on e-Procurement Portal?		
5.	Have submitted EMD and TENDER+ E-Service charges on e-Procurement Portal?		
6.	Have all the pages of proposal (Technical Proposal) been properly numbered and signed by authority/ authorized person only?		
7.	Have you checked the eligibility Criteria and Submitted the relevant documents as proof on e-Procurement Portal?		
8.	Have submitted the authority letter for signing the proposal on behalf bidder on e-Procurement Portal?		
9.	Have submitted the authority letter for use of digital signature on e-Procurement Portal?		
10.	Have submitted the Notice Inviting Quotation with schedule and disclaimer		
11.	Have submitted the Instructions to Bidders		
12.	Have submitted the Terms and Condition as per Annexure - I		

Sr. No.	Content	Document Submitted (Yes/No)	Page Number as per numbering given to the technical bid documents uploaded on the portal (If Applicable)
13.	Have submitted the Technical Specification and Compliance Sheet as per Annexure – II		
14.	Have submitted the Details of Bid Submission as per Annexure - III		
15.	Have submitted the Organization Declaration Sheet as per Annexure – IV		
16.	Have submitted the List of Government organizations/ Department/PSU and Private Organizations where the same products have been supplied (in last three years) along with their contact number(s) as per Annexure-V Note: The bidder(s) are required to submit proper proof (like Purchase Order/Work Order and Performance Report) duly attested by Gazetted Officer or Notary and client to support/ proving the claim.		
17.	Have submitted the offered Model of OEM must be working in Indian Conditions, without any Problems. Minimum 2 performance reports with Purchase Order/Work Order duly attested by Gazetted Officer or Notary to be submitted as per Annexure-V		
18.	Have submitted the List of application specialist / Supporting / Service Engineer and Nearest Address of service branch who have the technical competency to handle and support the quoted product during the warranty period as per Annexure - VI.		
19.	Have submitted the Details of Electronic Fund Transfer/RTGS Transfer (Annexure VIII)		
20.	Have submitted the Manufacturer's Authorization Form (Annexure-IX)		
21.	Have submitted the Training Requirement (Annexure –X)		
22.	Financial Proposal Document (Annexure-XI)		
23.	Have submitted the Affidavit regarding Authenticity and correctness of information/documents as per Annexure - XII		
24.	Have submitted the Affidavit regarding delisting/blacklisting, demobilization etc. as per Annexure - XIII		



Sr. No.	Content	Document Submitted (Yes/No)	Page Number as per numbering given to the technical bid documents uploaded on the portal (If Applicable)
25.	Have submitted the Affidavit regarding completion of supply and installation & commissioning of Machine/Lab Equipment's etc. in running condition within stipulated time frame as per Annexure - XIV		
26.	Have submitted the Technical supporting documents in support of all claims made at Annexure-II		
27.	Whether the TENDER document has been signed by bidder/authorized signatory and submitted on e-Procurement Portal?		
28.	Whether the TENDER corrigendum (if any) has been signed by bidder/authorized signatory and submitted on e-Procurement Portal?		
29.	Have submitted the audited statement and Financial Assessment Copy/Income Tax Return Copy showing their net balance / Profit for last three financial years for financial eligibility.		
30.	All documents to be submitted by the firm should be duly attested by gazetted officer/notary public in case these are copies of the original documents. No unattested documents will be entertained.		
31.	Have submitted the financial bid as per BOQ.		-----

(Signature with Seal of the Bidder)

Name:

Designation:

Organization Name:

Contact No.:



**<< Organization Letter Head >>
DECLARATION SHEET**

We, _____ hereby declare that all the information and statements made in this Proposal are true and accept that any misleading information contained in it may lead to our disqualification. I have gone through the specifications, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certify that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

We, further specifically certify that our organization has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.

Name & Address of the Bidder/ Manufacturer /authorized dealer/ distributors/agent	
Phone	
Fax	
E-mail	
Contact Person Name	
Mobile Number	
GST Number	
TIN Number	
PAN Number	
(On-line payment of Tender Fees)	
UTR No. (For Tender Fee)	
(On-line payment of EMD)	
UTR No. (For EMD)	

Attachments:

1. Power of Attorney in the name of authorized representative to be enclosed.
2. Affidavit(s).

(Signature with Seal of the Bidder)

Name:

Designation:

Organization Name:

Contact No.:



<< Organization Letter Head >>

LIST OF GOVERNMENT ORGANIZATION/DEPARTMENT/PSU

List of Government Organizations/Department/PSU for whom the Bidder has under taken such work during last three years (must be supported with work orders).

Note: The bidder(s) are required to submit proper proof (like Purchase Order/Work Order) duly attested by Gazetted Officer or Notary and client to support/ proving the Claim.

Sr. No.	Name of the organization	Name of Contact Person	Contact No.

Signature of Bidder

Name:

Designation:

Organization Name:

Contact No.:



<< Organization Letter Head >>
LIST OF PRIVATE ORGANIZATION

List of Private Organizations for whom the Bidder has under-taken such work during last three years (must be supported with work orders)

Note: The bidder(s) are required to submit proper proof (like Purchase Order/WorkOrder) duly attested by Gazetted Officer or Notary and client to support/ proving theclaim.

Sr. No.	Name of the organization	Name of Contact Person	Contact No.

Signature of Bidder

Name:

Designation:

Organization Name:

Contact No.:



<< Organization Letter Head >>
LIST OF PERFORMANCE REPORT

List of Performance Report for whom the Bidder has under-taken such work in Indian Conditions, without any Problems during last three years (must be supported with work orders)

Note: The bidder(s) are required to submit proper proof (like Purchase Order/WorkOrder) duly attested by Gazetted Officer or Notary and client to support/ proving theclaim.

Sr. No.	Name of the organization	Name of Contact Person	Contact No.

Signature of Bidder

Name:

Designation:

Organization Name:

Contact No.:



<< Organization Letter Head >>

LIST of application specialist / supporting / Service Engineer

Name of application specialist / Service Engineer who have the technical competency to handle and support the quoted product during the warranty period.		
Name and Address of the organization	Name of Contact Person	Contact No.

S. No.	Nearest Address of service branch	Nearest Address of spares branch

Signature of Bidder

Name:

Designation:

Organization Name:

Contact No.:



FORMAT FOR PERFORMANCE BANK GUARANTEE

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of One Hundred) (TO BE ESTABLISHED THROUGH ANY OF THE NATIONAL BANKS (WHETHER SITUATED AT GURUGRAM OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT GURUGRAM OR ANY SCHEDULED BANK (OTHER THAN NATIONALISED BANK) SITUATED AT GURUGRAM. BONDS ISSUED BY CO-OPERATIVE BANKS ARE NOT AC-CEPTED.)

To,
The Registrar
Shri Vishwakarma Skill University,
Gurugram, Haryana
India

LETTER OF GUARANTEE

WHEREAS Shri Vishwakarma Skill University, Gurugram (Buyer) have invited Tendersvide

Tender No.: dated:
.....For purchase of
.....

and whereas the said tender document requires that any eligible successful Bidder (seller) wishing to supply the equipment /machinery etc. in response thereto shall establish an irrevocable Performance Guarantee Bond in favour of “**Shri Vishwakarma Skill University**” in the form of Bank Guarantee for Rupees and This Guarantee shall expire no later than 60days beyond the date of completion of contract period. NOW THIS BANK HEREBY GUARANTEES that in the event of the said Bidder (seller) failing to abide by any of the conditions referred in tender document / purchase order / performance of the equipment / machinery, etc. this bank shall pay to Shri Vishwakarma Skill University, Gurugram on demand and without protest or demur Rupees

This bank further agrees that the decision of SVSU, Gurugram (Buyer) as to whether the said Bidder (Seller) has committed a breach of any of the conditions referred in tender document / purchase order shall be final and binding.

We, (name of the bank & branch) hereby further agree that the guarantee herein contained shall not be affected by any change in the constitution of the Bidder (Seller) and/ or Shri Vishwakarma Skill University, Gurugram (Buyer).

Notwithstanding anything contained herein:

1. Our liability under this Bank Guarantee shall not exceed Rupees. (Indian Rupees only).
2. This Bank Guarantee shall be valid up to(date).



3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if Institute serve upon us a written claim or demand on or before(date).

This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at situated at (Address of local branch).

Yours truly,

Signature and seal of the guarantor:

Name of Bank:

Address:

Date:

Instruction to Bank: Bank should note that on expiry of Guarantee Period, the Original Guarantee will not be returned to the Bank. Bank is requested to take appropriate necessary action on or after expiry of bond period.



<< Organization Letter Head >>

MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

Date: / /

The Registrar
Shri Vishwakarma Skill University,
Gurugram.

Sub: Authorization for release of payment / dues from Shri Vishwakarma Skill University, through
Electronic Fund Transfer/RTGS Transfer.

1. Name of the Party/Firm/Company/Institute:

2. Address of the Party:

Line 1:

Line 2:

City:

Pin Code:

E-Mail ID:

Mob No:

Permanent Account Number (PAN NO.):
.....

3. Particulars of Bank

Bank Name		Branch Name	
Branch Place		Branch City	
Pin Code		Branch Code	
MICR No.			
(9 Digit number appearing on the MICR Bank of the Cheque supplied by the Bank, please attach aXerox copy of a cheque of your bank for ensuring accuracy of the bank name, branch name and code number)			
IFS Code:(11-digit alphanumeric code)			
Account Type	Saving <input type="checkbox"/>	Current <input type="checkbox"/>	Cash Credit <input type="checkbox"/>
Account Number			

**DECLARATION**

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information I shall not hold Registrar, Shri Vishwakarma Skill University, responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGS Transfer.

Place:

Date:

Signature & Seal of the Authorized Signatory of the Party

Certified that particulars furnished above are correct as per our records

Bankers Stamp:

.....

Date:

Signature of the Authorized Official from the Bank

N.B: Please fill in the information in CAPITAL LETTERS, computer typed; please TICK wherever it is applicable.



<< Manufacturer Letter Head >>
MANUFACTURERS' AUTHORIZATION FORM

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.

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

Tender No.: [insert number from Invitation for Bids]

To: [insert complete name and address of Purchaser]

WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and/or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with the Terms and Conditions, with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer] Name:

[insert complete name(s) of authorized representative(s) of the Manufacturer] Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on day of [insert date of signing]



<< Organization Letter Head >>
Training Requirement

1.	Product Description(Tender Name)
2.	No. of Attendees	University staff and students
3.	No. of Days	1 Week or as per the requirement
4.	Type of Training	Operational Training and Maintenance Training (Mechanical, Electrical and Electronics)

Proper Training of 1 weeks (full day) or as per the requirement has to be given by the qualified engineer of the firm to the university staff and students without any additional cost.

Signature of Bidder

Name:

Designation:

Organization Name:

Contact No.:



Annexure – XI

<< Organization Letter Head >>
Financial Proposal (to be submitted online only)

Financial Proposal

To
The Registrar,
Shri Vishwakarma Skill University, Haryana,
Transit office: Plot No. 147, Sector 44,
Gurugram (Haryana).

Sub: Financial Bid /proposal for “_____”

Dear Sir,

We are pleased to quote/submit our financial proposal for the
“_____”.

I/We_____organization here with enclose the Financial Proposal for selection of my/our firm for that tender. For TENDER, **our Financial Proposal submitted in BOQ on online procurement portal.**

Our financial proposal shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the Proposal, i.e. 180 days from the last date notified for submission of the proposal.

1. Delivery Mode: - Delivery at University, at site or at that place to be informed by the SVSU.
2. Delivery Period: Within maximum of 06 weeks from the date of placement of purchase order.
3. Terms of payment: For Indigenous supplies, 100% payment shall be made by the Purchaser against delivery, inspection, successful installation, commissioning and acceptance of the equipment at SVSU, Gurugram Campus in good condition and to the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in tender terms and conditions.

NOTE: Financial Proposal must be submitted online in BOQ format only. If financial bid submitted manually then bid shall not be accepted in any circumstances.

Signature:

Name:

Business Address:

.....

Affix Rubber Stamp:

Place:

Date:.....



Annexure – XII

Affidavit regarding Authenticity and correctness of information/documents

||SPECIMEN AFFIDAVIT||

(On Non Judicial Stamp of Rs. 100/-)

To
The Registrar,
Shri Vishwakarma Skill University, Haryana,
Transit office: Plot No. 147, Sector 44,
Gurugram (Haryana).

In response to the Tender No. for
.....

(Name of the Tender) dated for quoting against the Tender as an
owner/Director/Proprietor of M/s

I/we who is/are (status in
the firm/company) and competent for submissions of the affidavit on behalf of M/S
..... (Organization/Manufacturer/authorized
dealer/distributors/agent) do hereby solemnly affirm an oath and state that:

I/we am/are fully satisfied for the correctness of the certificates/records submitted in support
of the following information in bid documents which are being submitted in response to
notice inviting e-tender No.

We also agreed to buyer for Integrity Pact terms and conditions as applicable from time to
time as per government rules.

I/we am/are fully responsible for the correctness of following self-certified Information/
documents and certificates:

1. That the self-certified information given in the bid document is fully true and authentic.
2. That:
 1. The proof of online deposit of EMD and cost of TENDER/bid document + E-service charges and other relevant documents provided are authentic.
 2. Information regarding financial qualification and annual turnover is correct.
 3. Information regarding various technical qualifications is correct.

Signature with Seal of the Deponent (Bidder)

I/we, _____ above deponent do hereby certify that the facts
mentioned in above are correct to the best of my knowledge and belief. Verified today
_____ (dated) at _____ (place).

Signature with Seal of the Deponent (Bidder)

Note: Affidavit duly notarized in original shall submit in the Office of Shri Vishwakarma Skill University, Haryana, Transit office: Plot No. 147, Sector 44, Gurugram (Haryana) on Technical Presentation day/date.



Annexure – XIII

Affidavit regarding delisting/blacklisting, demobilization etc.

||SPECIMEN AFFIDAVIT||

(On Non Judicial Stamp of Rs. 100/-)

To
The Registrar,
Shri Vishwakarma Skill University, Haryana,
Transit office: Plot No. 147, Sector 44,
Gurugram (Haryana).

In response to the Tender No. for
.....

(Name of the Tender) dated for quoting against the Tender as an
owner/Director/Proprietor of M/s

I/we _____ who is/are _____ (status in the
firm/company) and competent for submissions of the affidavit on behalf of
M/S _____ (Organization/Manufacturer/authorized dealer/
distributors/agent) do hereby solemnly affirm an oath and state that:

The firm/agency should not be black-listed/de-listed/debarred/ demobilized for poor or
unsatisfactory performance from any project by Govt. of India/Any other State
Govt./Haryana Govt. or its Departments/agencies etc.

Signature with Seal of the Deponent (Bidder)

I/we, _____ above deponent do hereby certify that the facts
mentioned in above are correct to the best of my knowledge and belief. Verified today
_____ (dated) at _____ (place).

Signature with Seal of the Deponent (Bidder)

Note: Affidavit duly notarized in original shall submit in the Office of Shri Vishwakarma Skill University, Haryana, Transit office: Plot No. 147, Sector 44, Gurugram (Haryana) on Technical Presentation day/date.



Annexure – XIV

Affidavit regarding completion of supply and installation & commissioning of Machine/Lab Equipments etc. in running condition within stipulated time frame

**||SPECIMEN AFFIDAVIT||
(On Non Judicial Stamp of Rs. 100/-)**

To
The Registrar,
Shri Vishwakarma Skill University, Haryana,
Transit office: Plot No. 147, Sector 44,
Gurugram (Haryana).

In response to the Tender No. for
.....

(Name of the Tender) dated for quoting against the Tender as an
owner/Director/Proprietor of M/s

I/we _____ who is/are _____ (status in the
firm/company) and competent for submissions of the affidavit on behalf of
M/S _____ (Organization/Manufacturer/authorized dealer/
distributors/agent) do hereby solemnly affirm an oath and state that:

We further certify that our organization meets all the conditions of eligibility criteria laid
down in this tender document. Moreover, OEM has agreed to support on regular basis with
technology / product updates and extend support for the warranty.

We hereby declare that our firm will supply the Machine/Lab Equipments etc. as per
Technical Specification and installation & commissioning of the Machine/Lab Equipments
in respective lab(s) in working condition within the time frame as enumerated in the tender
document.

we/I further declare that if any delay is found in delivery/installation and the offer is not
accepted partially or fully by our firm(s) the performance security or EMD furnished as per
the tender document is liable to be forfeited and no objection of being blacklisted in these
circumstances.

Signature with Seal of the Deponent (Bidder)

I/we, _____ above deponent do hereby certify that the facts
mentioned in above are correct to the best of my knowledge and belief. Verified today
_____ (dated) at _____ (place).

Signature with Seal of the Deponent (Bidder)

Note: Affidavit duly notarized in original shall submit in the Office of Shri Vishwakarma Skill University, Haryana, Transit office: Plot No. 147, Sector 44, Gurugram (Haryana) on Technical Presentation day/date.



ANNEXURE – XV

(AN AGREEMENT BETWEEN SHRI VISHWAKARMA SKILL UNIVERSITY AND THE SUPPLIER) *

Shri Vishwakarma Skill University (SVSU), Enacted under Government of Haryana Act No.25 of 2016 having its transit office at Plot No-147, Sector-44, Gurugram, Haryana represented through its authorized signatory (**Name of Registrar**), Registrar (which expression shall unless repugnant to the context or meaning there off includes its successors and assigns) here in after referred to as **SVSU** or Owner or the **First Party**. And Firm Name..... having its office at, through its authorized signatory (**Name & Post**), (which expression shall unless repugnant to the context or meaning there off includes its successors and assigns) here in after referred to as execution Manufacturers/Authorized Dealers/ Distributors/Agent or the **Second Party**.

Whereas SVSU has invited Tender No..... for (Name of the Tender) dated.....and M/s (Firm Name) submitted its proposal in this regard. SVSU after considering its negotiation offer has decided to engage (Firm Name) as executing agency for Tender No..... for (Name of the Tender) dated

Firm Name... (execution **Agency**) is hereby agreed to take the Tender No. for (Name of the Tender) at the quoted negotiation rates, terms and conditions contained the TENDER, Work Order/Purchase Order and duly communications of the above said work.

Now, therefore, in consideration of the mutual covenants herein contained, it is hereby agreed between the parties as follows: -

The agreement shall come into force immediately and shall remain valid until the final completion of the job or cancelled by the Bidder (The Registrar, Shri Vishwakarma Skill University, Haryana) as per the time schedule described in the tender document.

All the terms and conditions and Technical specifications contained in the Tender No..... for (Name of the Tender) dated..... shall be the part of this agreement.



Firm Name..... (execution **Agency**) hereby declare that I shall remain bound and abide by the rates, terms and conditions and technical specifications of the aforesaid as well as TENDER, Work Order/Purchase Order and due communications of the above said work.

In Witness Whereof, the parties here to have caused this agreement to be signed in their respective names as of this day and year first above written.

Signed by

Buyer: SVSU, Gurugram
Signature with seal
Date & Place

Bidder:
Signature with seal
Date & Place

In presence of (Witnesses)

1.

1.

2.

2.

***Note-This Contract is to be signed on Rs. 100/- Non Judicial Stamp paper within 15 days after receiving purchase Order/Work Order from buyer.**

(Please put the initials at each page)