



श्री विश्वकर्मा कौशल विश्वविद्यालय

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

Shri Vishwakarma Skill University

Dudhola, Palwal, Haryana

Tender Document for

**Supply and Installation of Package -1: MLT Laboratory Equipment
(Major, Minor, Glassware, Plastic ware, Reagents, Chemicals &
Miscellaneous Items**

Tender No: SVSU/2024/SFASH-SDLSHC/T02

Dated: 26.06.2024

1. Notice Inviting Quotation

Sub: Notice Inviting Tenders for Supply and Installation of Package -1: MLT Laboratory Equipment (Major,Minor,Glassware,Plasticware,Reagents,Chemicals & Miscellaneous Items

Shri Vishwakarma Skill University, Haryana invites online Tender:“Supply and Installation of Package - 1 :MLT Laboratory Equipment(Major,Minor,Glassware,Plasticware,Reagents,Chemicals & Miscellaneous Items) ”through e-procurement on portal <https://etenders.hry.nic.in> from reputed Manufacturers/Authorized Dealers/ Distributors/Agentas 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 Fee + E-Service 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) dated20-10-2016/ for Startups as notified vide G.O. No.2/2/2016-4IBII dated 03.01.2019.	NIL
	(2) For remaining bidders both from the Haryana and Non Haryana (Tender Fee + E-Service Fee) + GST	(5000/- + 1000/-) + 1080/- = 7080/- (Rupees Seven Thousand Eighty only)
2.	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 - 2016” notified vide G.O. No. 2/2/2016-4I BII(1) dated20-10-2016/ for Startups as notified vide G.O. No.2/2/2016-4IBII dated 03.01.2019.	NIL
	(2) For remaining bidders both from the Haryana and Non Haryana	2% of Tender Cost
3.	Performance Security	5% of the Purchase order Value
4.	Product Warranty Period	As per Tender clause 3.24 and as per product specification
5.	Issue of Tender Document	26/06/2024 at 18:00 Hrs.
6.	Online Tender Purchase Start Date	26/06/2024 at 18:00 Hrs.
7.	Online Tender Purchase End Date	18/07/2024 Up to 18:00 Hrs.
8.	Last date for receipt of queries	01/07/2024 at 11:00AM
9.	Date of pre bid meeting	03/07/2024 at 11:00AM

10.	Online proposal Submission Start Date	26/06/2024 at 18:00 Hrs.
11.	Online proposal Submission End Date	18/07/2024 Up to 18:00 Hrs.
12.	Opening of Technical Bid	22/07/2024 Up to 18:00 Hrs.
13.	Technical Presentation	Subsequent date to be informed later.
14.	Financial Bid	Subsequent date to be informed later.
15.	Validity period of Proposal	365 Days
16.	Address of Communication	Registrar Shri Vishwakarma Skill University, Dudhola, Palwal, Haryana 121102
17.	Contact Phone Numbers	0124-2746800
18.	E-mail Address	tenders@svsu.ac.in

- Tender document can also be downloaded from University Website www.svsu.ac.in
- # University reserved the right to change any Date, Time and condition of Tendering without assigning any reasons and reserve all the rights.
- Amendments to TENDER, if any, would be published on e-procurement website <https://etenders.hry.nic.in> only and not in newspaper. The Shri Vishwakarma Skill University, Haryana reserves all the rights to accept or reject any or all tenders without assigning any reasons.

Location of Supplies:

The details of locations where the workstations are to be supplied through this tender is as under:

S. No.	Location	Address of Supplies
1	PALWAL, Haryana	Dudhola, District Palwal, Haryana, India

The bidder is free to inspect the locations(s) in the premises before submitting the bid under this tender.

It may be noted that the Registrar, SVSU, Palwal, Haryana have full rights to cancel the location for supplies even after calling the offers from bidders but before the issue the supply order to execute the supply by the bidder. The reasons for cancellation of supply to any of the locations or all locations would not be disclosed.

Scope of Supplies:

- i. The items shall be supplied in compliance to the specifications mentioned in the tender
- ii. After the supply of Workstations, the bidder has to execute its installation & commissioning at the designated site in the location(s). No extra cost shall be paid for this reason.

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 Package -1: MLT Laboratory Major, Minor, Glassware, Plastic ware, Reagents, Chemicals & Miscellaneous Items

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 Package -1: MLT Laboratory Modular Furniture** 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 III 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. Authority Letter to Sign on behalf of Consultant.
 - 2.2.1.10.4. Authority Letter for use of Digital Signature.
 - 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 unattested 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 are 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 financial bid 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 will not be considered. No application will be received through e-mail/fax. The University would not be responsible for any delay.
- 3.2 Tender Fee (Non-Refundable):** The Bidder should submit a non-refundable tender fee online. The Technical Bid without Tender fee would be considered as UNRESPONSIVE and will not be accepted. The tender fee will not be returned/refunded to any Bidder in any circumstances. If the tenders are cancelled or recalled on any grounds, the Tender Document Fee and e-Service Fee will not be refunded to the bidder.
- 3.3 Preparation of Bids:** The Technical and financial offer/bid should 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.

- 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 should submit an EMD amount online. The Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The EMD will be refunded without any interest to the unsuccessful Bidder after the award of the Purchase Order. 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 will be returned after the submission of Performance Bank Guarantee.

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

If the tenders are cancelled or recalled on any grounds, the EMD will be returned to the bidder.

- 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 Endwell be rejected out rightly. 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 are 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 60 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 should 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-VII of the tender documents, for an amount covering 10% 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 Palwal or outstation with a clause to enforced the same on their local branch at Palwal. 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 shall 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, 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, only in exceptional cases on written request of the Supplier giving reason/explaining circumstances due to which delivery period could not be adhere 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, Palwal may decide till the supply/work remains incomplete, provide 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 taxes and duties, which will be paid by the purchaser as applicable. However, the percentage of taxes & duties 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 thereof shall apply to the arbitration proceedings. An arbitrator shall be appointed with the mutual consent of both the party. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.
 - 3.17.2** 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.
 - 3.17.3** The venue of the arbitration shall be the place from where the order is issued.
- 3.18 Applicable Law:** The place of jurisdiction would be 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, Palwal, 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 100% 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, Palwal Campus.

3.24 Warranty:

3.24.1 Warranty period shall be (as stated at "Schedule "of this tender) from date of 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 should 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 SVSU Palwal Campus. 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 warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned. The comprehensive warranty will 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 English 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 Palwal.

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 SVSU, Palwal Campus in good condition and to the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in Clause 3.7 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).

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

3.31.3 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 should 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/Dean Academic) 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.

No payment shall be made for rejected material nor would the Supplier be entitled to claim for such items. Rejected items would be removed by the Supplier from the site within two weeks of the date of rejection at his own cost. In case they are not removed they 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 within 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.

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

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

3.38.2 The University reserves all the right to accept or reject any or all tenders without assigning any reason whatsoever at any stage and no further correspondence will be entertained in this regard.

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

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 reserve the right to annual the selection process at any time prior to award of Contract without thereby incurring any liability to the Consultant.

3.38.6 The University reserved 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 Compliancy certificate: This certificate must be provided indicating conformity to the technical specifications. (Annexure-II)

3.41 Evaluation of Offer:

- 3.41.1** L1 will be decided on the basis of the total as quoted in the price bid.
- 3.41.2** Offer which deviates from the vital conditions (as illustrated below) of the tender shall be rejected:
 - 3.41.2.1.** Non submission of complete offers.
 - 3.41.2.2.** Receipt of offers after due date and time and or by email / fax (unless specified other-wise).
- 3.41.3** 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.
- 3.41.4** 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 will 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 The offer without prescribed earnest Money, tender Fee & E-Service fee is liable to be summarily rejected. The deficiency in the remaining documents and tender requirement can be made subject to the decision by the competent authority of the university.

3.45 Any company/firm/dealer/manufacture black listed by Central/State Government/Autonomous organization are not entitled to submit the tender. If it is submitted, it will be rejected and Earnest Money Depositor/and Performance security will be seized and legal action will be taken against them.

3.46 Any or all tenders can be rejected by the Registrar, SVSU on the recommendation of tender committee without assigning any reason at any stage. It cannot be challenged in any court.

3.47 Tenders which do not fulfil any or all of the above conditions or incomplete, are liable for rejection.

3.48 Bidder should abide to all terms and conditions stipulated in tender document for which he has to submit the affidavit.

3.49 The foreign manufacturer or their Indian representative will ensure a proper after sales service as per requirement from time to time, against the guarantee/warranty 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 will be fixed up by the Department.

3.50 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.

<< 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 also 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 also 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 vendor 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 equipments 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.

Specification and Requirements: -

Package-1: MLT Laboratory Equipment (Major, Minor, Glassware, Plastic ware, Reagents, Chemicals & Miscellaneous Items)

MLT Laboratory Equipment's (Major & Minor)

S.No	Name of Items	Specification	Req. Qty.
1	Semi-Automatic Biochemistry analyzer	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. The system should have Endpoint, kinetic, fixed time and turbidimetric mode. 2. The system should also be capable of estimating Hemoglobin, Electrolyte, Immunoassay turbid metric assay etc. 3. The system should have tungsten halogen lamp with lamp saver facility. 4. The aspiration volume should be 250 ul to 750 ul. 5. Should have complete visual range. 6. The system should have memory at least 500 patient samples. 7. System should have online graphic display of reaction second to second. 8. System should have index mode for calculation of LDL/VLDL/IRON TIBC and Bilirubin etc. 9. System should have previous blank and standard memory facility. 10. Provide IQ, PQ, OQ with calibration certificate 11. The system should be made in India/BIS/US FDA approved product. 12. Warranty: 3Years 	2
2	Spectrophotometer	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Optical system- diffraction gratings 2. Wavelength range 190-1100 nm. 3. Wavelength accuracy +/-0.3nm. 4. Absorbance range 0-3 Abs 5. Band pass < 2 nm 6. Light source tungsten and halogen / deuterium lamp 7. Photometric modes Absorbance, % transmittance and Concentration 8. Detector – silicon photodiode 9. Quartz cuvettes 1.0 ml (two pairs) 10. 2.0 ml (two Pairs) 3 ml (two pairs) & micro cuvettes 11. Glass cuvettes 1 ml (2 pairs) 	2

		<p>12. 2ml (2 Pairs) 3ml (2 Pairs) & micro cuvettes</p> <p>13. Computer with colour monitor with laser printer with mouse with key board.</p> <p>14. Computer: i5 3rd generation with licensed windows operating system,4GB RAM/ above, 500 GB HD or Higher, DVD RW , 15 Colour LCD/LED monitor</p> <p>15. Printer: Colour laser printer</p> <p>16. Suitable voltage stabilizer UPS</p> <p>17. Power supply 220-240 V+/- 10%</p> <p>18. Facility for Both Kinetic and End Point assay of Sample volume of minimum 0.5 ml with temperature control.</p> <p>19. Adapter for holding micro cuvettes.</p> <p>20. Provide IQ, PQ, OQ with calibration certificate</p> <p>21. The system should be made in India/BIS/US FDA approved product.</p> <p>22. Warranty: 3 Years</p>	
3	Photo Colorimeter	<p>The instrument should have following features and technical specifications:</p> <p>Photometer (cuvette type) with multiple analysis (tube reading) facility:</p> <ol style="list-style-type: none"> 1. Instrument must be able to provide the wavelength ranges 200nm to 1000nm with 1nm steps. 2. System should have spectral scanning option for standardizing new assays. 3. Instrument should have an option for path length corrections to correlate the cuvette data to cuvette for quantification to be performed. 4. System should be able to run in stand – alone mode or with computer & software controlled; the instrument should have a memory of inbuilt protocols in stand – alone mode and color displays for better visualization ; the instrument should have a USB port for easy data transfer. 5. System should have self – diagnostic option. 6. System should have power save function for reduced energy consumption when the instrument is 'on' but not in use. 7. Instrument should be compatible/upgradable for low volume measurement plate for a volume of 10µl – 100 µl. 8. Provide IQ, PQ, OQ with calibration certificate 9. The system should be made in India/BIS/US FDA approved product. 10. Warranty: 3 Years 11. AMC terms & conditions beyond the warranty period to be specified. 	4
4	Water Bath	<p>The instrument should have following features and technical specifications:</p> <p>Useful for dual purpose. It is a combination of serological and routine rectangular water bath with holes and concentric rings.</p> <ol style="list-style-type: none"> 1. standard double wall construction.SS insulated. 2. Inner chamber made out of highly polished stainless steel sheet 	3

		<p>and exterior made out of thick mild steel duly finished power coated paints.</p> <ol style="list-style-type: none"> 3. Immersion heaters are provided for heating to attain temperature range from 5°C above ambient to 95°C± 1°C. 4. Digital temp. indicator -cum- controller. The equipment to work on 220V AC 50 Hz single phase. 5. Chamber size in mm & inches L x W x H 300x 225x 175 mm approx Capacity approx 15ltrs.approx. 6. The system should be made in India/BIS/US FDA approved product. 7. With brass drain cock Microprocessor control with digital display to set temperature. Prevent thermal runaway. 8. Warranty: 3years 	
5	Bench top non refrigerated Centrifuge for general purpose (16 buckets)	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Centrifuge Design :Bench Top 2. Type of Motor:Brushless(without carbons) 3. Configuration of Rotor supplied with centrifuge machine Angle rotor 4. Size of rotor supplied with centrifuge"24x15ml(for angle rotor) RPM 6000" 5. The Equipment shall be installed and demonstrated before Acceptance. 6. The system should be made in India/BIS/US FDA approved product. 7. Digital: Timer and RPM 8. Warranty: 3 Years 	4
6	Incubator	<p>The instrument should have following features and technical specifications:</p> <p>Description of function</p> <ol style="list-style-type: none"> 1. Incubator is a closed chamber which heats/chill a sample at a preset temperature for long term for application like culture growth etc. <p>Operation requirement</p> <ol style="list-style-type: none"> 2. Microprocessor /Microcontroller /Microcomputer controlled system. <p>Technical specification</p> <ol style="list-style-type: none"> 3. Capacity: 60L with 2 compartments having light in each compartment with UV light. 4. Interior chamber: Stainless steel for easy cleaning and decontamination. 5. Timer 1 min to 100 hours and hold position. 6. Minimum turbulence and no cross contamination. 7. Adjustable safety thermostat for temperature, with inbuilt temperature sensor. 8. Internal glass door for the observation. 9. With minimum two adjustable shelves one with shaking facility (lower shelf). 10. Audiovisual alarm to indicate when temperature deviates more than 1°C from set point, and when 	2

		<p>program or time has finished, Alarm may be muted.</p> <ol style="list-style-type: none"> 11. Peltier heating with continuous air circulation and heating by natural /forced convection for homogenous temperature distribution. 12. Temperature range: +5 to 80 deg and variable shaking speed. 13. There should be a membrane key pad with LCD/LED to set and display operating parameters. Current status, running time and alarm conditions for time and temperature. 14. Interior lighting facility, insulated door fitted with heavy hinges handles locking, mechanical door lock. 15. System Configuration Accessories, Spares and consumables. 16. Flask holding tray of different volume 25 -500ml. <p>Power Supply</p> <ol style="list-style-type: none"> 1. Power input to be 220-240VAC 50Hz fitted with Indian plug . 2. Suitable UPS with maintenance free batteries for minimum one hour backup should be supplied with the system. <p>Standards, Safety and Training</p> <ol style="list-style-type: none"> 1. Electrical safety conforms to standards for electricity safety IEC-60601/IS-13450. 2. Should be complaint to ISO 13485: Quality systems-Medical devices-Particular requirement for the application of ISO 9001 applicable to manufactures and service providers that perform their own design activities. 3. Provide IQ, PQ, OQ with calibration certificate. 4. The system should be made in India/BIS/US FDA approved product. 5. Warranty: 3 Years 	
7	Analytical balance	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Description of Function Electronic balance is required for precision weighing of Lab Samples. 2. Operational Requirements Microprocessor based single pan analytical balance with high accuracy & precision is required. Reading of the weight by digital display .Pan size = 80 – 100 mm 3. Technical Specification Weighing accurately up to 3rd decimal place Fully automatic time and temperature controlled internal calibration and balance should be capable to adjust itself. Auto zero setting . 	2

		<p>Weighing capacity upto 500g. Readability 0.001g Repeatability 1mg or less Setting time 1.5 second , verification interval 0.001gm Suitable for internal and external adjustment weights . Balance should have : Facility for user administration and password protection . Liquid Crystal display (LCD) for display Stainless steel square weighing pan IR sensors for hands free operation Warns if balance is not correctly leveled Automatic and detachable draft shield Detachable and adjustable terminal Including user administration and password protection Integrated automatic safety function for external routine operations Alphanumeric data entry of 4 ID's</p> <p>4. System Configuration Accessories ,spares and consumables As specified . Environmental Factors Shall meet IEC-6061-1-2:2001 (or equivalent BIS) general requirements of safety for electromagnetic compatibility The unit shall be capable of operating in ambient temperature of 20-30 deg C and relative humidity of 80% Power supply Power input to be 220=240 VAC,50Hz. Suitable UPS with maintenance free batteries for minimum one – hour back up should be supplied with the system . Resettable over current breaker shall be fitted for protection standards and safety Electrical safety conforms to standards for electrical safety IEC-60601/IS-13450 Should be compliant to ISO 13485: Quality systems – Medical devices –Particular requirements for the application of ISO9001 applicable to manufactures and service providers that perform their own design activities The system should be made in India/BIS/US FDA approved product. Warranty: 3 Years</p>	
8	PH meter	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Extra Large Easy-to-Read LCD/LED Touch screen 2. Microprocessor based 3. Calibration up to 3 points with auto buffer 4. Automatic temperature compensation 5. Self – Diagnostic with message codes 6. Detachable Electrode stand 7. FET (solid state Non glass)pH electrodes 8. pH range – 0.00 to 14.00 pH 9. pH accuracy should have +-0.05. 10. All standard accessories applicable for smooth full functioning of equipment's 11. Provide IQ, PQ, OQ with calibration certificate 12. The system should be made in India/BIS/US FDA approved product. 13. Warranty: 3Years 	2

9	Automated Hematology analyzer 3 part	<p>The instrument should have following features and technical specifications:</p> <p>Hematology Analyzers are used to count and characterize blood cells for disease detection and monitoring. Basic analyzers return a complete blood count (CBC) with a three-part differential white blood cell (WBC) count.</p> <p>Based on principle of counting and sizing</p> <ol style="list-style-type: none"> 1. 3 Part automated haematology analyzer, bench top ,open system . 2. Sample size: 60 sample / hours 3. Sample volume : 9µl Pre dilute :20 µl 4. Analysis of WBC, LYMPH# ,LYMPH% MID#, MID% ,GRAN# ,GRAN%, RBC, HGB, HCT, MCV, RDW-CV, RDW-SD, MCH ,MCHC ,PLT, MPV, PCT, PDW ,P-LCR 5. Analysis method: Electrical Impedance 6. Suitable UPS with maintenance free batteries for minimum one – hour back up should be supplied with the system . 7. Resettable over current breaker shall be fitted for protection 8. Provide IQ, PQ, OQ with calibration certificate 9. The system should be made in India/BIS/US FDA approved product. 10. Warranty: 3 Years 	1
10	Binocular Microscope with camera attached for faculty	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Digital Research Microscope with CCD Camera. 2. Observation Tube - Trinocular, 30 deg inclined 360 deg rotatable. IPD range 52-75mm. 3. Eyepiece - Focusable WF 10x (18mm/ 20mm). 4. Revolving Quintuple nose piece (for objectives) 5. Objectives - RP Series Infinity Corrected Plan 4X, 10X,40X(Spring Loaded), 100X (Spring Loaded, Oil Immersion) 6. Illumination - 6V 20 W Halogen Lamp with 5 spare lamps 7. Image Device - 2/3 CCD Camera - Resolution 1.4MP or better with suitable mount 8. Light Sensitivity - 1 Lux 9. Interface - USB 10. Software - Image Analysis Software 11. System Requirements – Suitable PC having Colour LCD/TFT Monitor, CPU: RAM: 4 GB or more, Hard Disk Space: 500 GB or more, CD/DVD-ROM drive and USB port 3.0. Power adapters/ cables etc for projection and LAN transmission. 12. Should be supplied with compatible colour printer. 13. Manufactures/Supplier should have ISO certificate to Quality Standard. 14. The system should be made in India/BIS/US FDA approved product. 15. Equipment should be installed and 	2

		<p>demonstrated.</p> <p>16. Training should be given to atleast two faculties.</p> <p>17. Warranty: Minimum 3 Years</p>	
11	Binocular Microscope for students	<p>The instrument should have following features and technical specifications:</p> <p>Student upright Binocular Microscopes (with inbuilt light source & imported achromatic optics)</p> <ol style="list-style-type: none"> 1. Binocular microscope with universal infinity corrected optical system 2. Halogen / LED light source illumination. 3. Rigid frame with ergonomics design 4. Binocular observation tube with inclination of 45/30 degrees 5. Built in torque adjustable focusing knob 6. Mechanical stage with rigid hand coaxial control 7. Abbe condenser, Iris diaphragm 8. Revolving Quintuple nose piece (for objectives) 9. Plan achromat objectives 4X, 10X, 40X, 100X (Oil) 10. 40X, 100X objective should be spring loaded 11. Eye piece 10X (FOV 20) 12. Antifungal treatment should be applied to the observation tube, eyepiece and objective 13. Accessories, dust cover and power cord 14. Eye pieces with pointers – 10 nos. 15. Power requirement 220 V/50 Hz 16. The system should be made in India/BIS/US FDA approved product. 17. Warranty: Minimum 3 Years 	32
12	Refrigerator-280 liter Laboratory type	<p>The instrument should have following features and technical specifications:</p> <p>For storing blood plasma and other blood products, vaccines, other medical or pharmaceutical supplies. Also to cool samples or specimens for preservation. For faster pull-down and recovery times, it should have a bypass refrigeration and microprocessor-based controls</p> <p>Technical Specifications</p> <ol style="list-style-type: none"> 1. Laboratory refrigerator should have 330 ltr capacities 2. Temperature range from 2 deg C to 10 deg C. 3. It should have galvanized sheet steel construction, white powder coated and adjustable feet. 4. No welded joint to be exposed for rusting. 5. Insulation of high-grade pressure – foam material. 6. Lockable door with plastic magnetic sealing surround 7. Automatic defrosting and condensed melt water evaporation. 8. Re-circulating air-cooling system. 9. Control panel with thermometer, main switch and temperature selection. 10. Hermetically enclosed, low noise, vibration proof compressor. 11. Visual and a caustic signal alarm system. 12. Epoxy coated outside finish and S/S interior. 13. Low noise, automatic defrosting, Freon free 14. Should be CFC free. 15. Temperature indicators to be provided. 16. Power input to be 220-240VAC, 50Hz. 17. The system should be made in India/BIS/US FDA approved product. 18. Warranty: Minimum 3 Years 	3

13	Microtome Semi automated	<p>The instrument should have following features and technical specifications:</p> <p>The instrument should have Motorised feeding system with optional motorized and manual sectioning with rocking mode facility and ability for voltage selection, 2nd hand wheel brake, separate control panel for display, blade holder, disposables blades, with following specifications:</p> <p>Section thickness setting : 0.5 to 100 microns Setting values : 0.5 to 5 micron in 0.5 micron increments 5 to 20 micron in 1 micron increment 20 to 60 micron in 5 micron increment 60 to 100 in 10 micron increment Horizontal specimen feed : 28 mm +/- 1 mm, feed motion via step motor Coarse feed : Motorised coarse feed in two steps i.e 300 micron /sec and 900 micron/sec. Vertical specimen stroke length : 70 mm. Specimen orientation : Horizontal 8 deg, Vertical 8 deg. Trimming Section thickness : 1 to 600 micron Specimen retraction : 5 to 100 micron in 5 micron increment, Voltage Supply : 230 V-50/60 Hz. Provide IQ, PQ, OQ with calibration certificate The system should be made in India/BIS/US FDA approved product. Warranty: 3 Years</p>	1
14	Tissue floatation bath	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Instruments precise control of different samples at constant temperature 2. Ideal for tissue, tissue section processing 3. Chamber made up of aluminum, inside black and outer surface finished with wide enough rim for drying the wet slides. 4. Temperature control by Imported make capillary type thermostat from ambient to 70 c with an accuracy of +/-2c suitable to work on 220v, single phase, 50Hz AC <p>Chamber size : Dia x Depth X Rim : 230x75x45v All standard accessories applicable for smooth full functioning of equipments The system should be made in India/BIS/US FDA approved product. Warranty: 3 Years</p>	1
15	Hot Plate (Slide warming table)	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. For heating slides to a uniform temperature just below the melting point of wax 2. To provide maximum flattening without damaging the section 3. Top plate should be mounted by insulated metal frame 4. Fitted with imported thermostat to control surface temperature from ambient to 70 °C – 80 °C 5. Pilot light, cord and plug. 6. Voltage 220 v single phase, 50Hz, AC 7. Power cord 5 – 8 ft. 8. Provide IQ, PQ, OQ with calibration certificate. 9. The system should be made in India/BIS/US 	1

		<p>FDA approved product. 10. Warranty: 3 Years All standard accessories applicable for smooth full functioning of equipment.</p>	
16	Tissue embedding station	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Microprocessor based control systems, Five independent heating zones for better performance, Automatic system start & stop (7 day memory), Paraffin control flow via keypad and foot pedal, Bright illumination of the work area. 2. Paraffin Tank, LED Light, Heated Nozzle, Flow Switch, Heated Forceps Holder, Paraffin Overflow Tray, Mold Warmer, Cassette Bath 3. Bench Top Design 4. To be used for the preparation of wax tissue blocks 5. Display type – Digital LCD 6. Tissue Holding Tank Operating Temperature : 65 degree Celsius 7. Cold Plate Operating Temperature (min): -8 degree Celsius 8. Working Voltage (max): 240 Volt 9. Frequency : 50 Hertz 10. Paraffin Reservoir Capacity : 3 liter 11. Cassette Tray Capacity (cassettes) (max): 8 12. Power Consumption (max): 1200 watt 13. Provide IQ, PQ, OQ with calibration certificate 14. The system should be made in India/BIS/US FDA approved product. 15. Dimensions : 16. Depth : 600 millimeter 17. Height : 400 millimeter 18. Width : 900 millimeter 19. Warranty: 2 Years <p>Dimensions : Depth : 600 millimeter Height : 400 millimeter Width : 900 millimeter Warranty: 3 Years</p>	1
17	Biosafety Cabinet Class-2 A	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. The system should be microprocessor based. The microprocessor must display the inflow and down flow air velocities in real time on an LED display to ensure the user knows 	1

		<p>whether or not the cabinet is working under safe operating conditions.</p> <p>2. Motor must automatically adjust the air flow speed to ensure continuous safe working condition .Air flow shall be as per requirements of Biosafety regulations in respect of at least BSC class-2 A2 level cabinet .</p> <p>3. The cabinet noise level must be less than 65 decibel.</p> <p>4. Material: Pure SS with whole body</p> <p>5. Diemsions (cabinet size) : 2 feet (Depth) to 4 feet (Length) .The interior of the cabinet shall be of 304 stainless steel or equivalent material and must be smooth to ensure no risk of cuts to the users. Epoxy coated steel interior</p> <p>6. Efficiency of filter should be almost 99% class 100 supply & exhaust through HEPA filter .</p> <p>7. In order to ensure consistent and reliable down flow velocity across the supply HEPA filter over the life of the cabinet ,the cabinet must use a pressure sensor (rather than anemometer) to detect pressure drop across the supply filter ,rather than in just one point across the down flow .The pressure sensor must be encased in order to protect the sensor from temperature ,humidity and other environmental phenomena that can impact sensor's performance.</p> <p>8. Fluorescent lamps for lighting of the interior of the cabinet .Front of the cabinet preferably be angled to help minimize glare.</p> <p>9. A provision of uv lightning to disinfect interior of the cabinet .UV light must be programmable to allow for specific exposure time form) to 24 hrs. Automatic UV switch OFF on opening of front window ,The front window should be made of laminated safety glass to protect against leakage of UV rays and to ensure containment of potential material</p> <p>10. Safety alarm /safety display for :</p> <p>11. Low air velocity.</p> <p>12. Faculty exhaust fan etc.</p> <p>13. Power input to be 220-240 V AC, 50 Hz with Indian plug.</p> <p>14. Should meet NSF standards ,</p> <p>15. Movable stands</p> <p>16. Warrantly should cover UPS and batteries .</p> <p>17. Caliberation certificate shall be provided at the</p>	
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		<p>time of installation in respect of all the parameters that require calibration</p> <p>Operational & maintenance training to be provided at the time of installation .</p> <p>18. Audio visual indicator to understand HEPA filter loading to be provided .</p> <p>19. Drain pan should be made of stainless steel .</p> <p>20. Circulation – Class 100 ,supply & exhaust through HEPA filters</p> <p>21. Inflow velocity – 105 fpm (0.5 m/sec)</p> <p>22. Downflow velocity :-55fpm(0.3m/sec)</p> <p>23. 70 % air recirculation</p> <p>24. Design : 304 SS interior ,epoxy coated steel exterior removable ,stainless .</p> <p>25. The system should be made in India/BIS/US FDA approved product.</p> <p>26. Required IQ, PQ, OQ with calibration certificate</p> <p>27. Warranty: 3 Years</p>	
18	Laminar Airflow	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Dimension of the system (WxDxH mm) 2. Inner dimension :1200x600x650 mm 3. Outer dimension :1320x905x1900 mm 4. Should have an approximate air volume capacity of 1350m³/h. 5. Should have microprocessor controlled electronic circuitry. 6. Should have LCD/LED display to show measured parameters like stage velocity total using time ,UV/FL lamp on/off, Equipment should be on castor wheel for easy movability. 7. The air purification should be done through class 100 HEPA filter,with 99.97%,0.3 um particle removal. 8. Should have a pre- filter of 3-30 um particle removal ,and it should be recyclable. 9. The cabinet should give class 100 purity. 10. Should have an wind velocity of 0.35-0.50 m/sec. 11. Should have UV lamp 40W x 2 EA,FL lamp 40Wx2EA. 12. Material of construction 13. Inner -stainless steel. 14. Outer – Stainless steel. 15. Door should be made of tempered safety glass sliding door or glass wind screen. 16. Utility device -air cock,gas cock. 17. Electricity supply-220V,50/60Hz. 18. Ensure noiseless operation and anti-vibration construction provides efficient working environment. 	1

		<p>19. Filter replacement warning signal. 20. The system should be made in India/BIS/US FDA approved product. 21. Required IQ, PQ, OQ with calibration certificate 22. Product Should meet NSF standards. 23. Warranty: 3 Years</p>	
19	Autoclave- vertical 100 liter	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Stand-alone floor top autoclave 80-100 lit. Liters. 2. Radial locking system lid. 3. Circular type chamber. 4. Hinged door . Double safety door locking device. 5. Steriliser chamber material should be stainless steel or better grade steel. 6. Dri-Tec drying – process / B process cycle. 7. 121degree C wrapped sterilising process. 8. Height 1000 mm,Width 910 mm, Depth 545 mm. 9. Audio visual alarm facility available low water level. 10. Door locking facility with locking handle. 11. The panel is provided with on/off switch, pressure gauge, steam release valve & indicators to show the working of mains & pressure control system. 12. Digital Temperature controller with inbuilt timer that will cut off the heaters automatically after lapse of pre set time at the pre set temperature. 13. Microprocessor based PID/PLC system controller 14. Number of trays should be 1- 3in steriliser chamber . 15. Power shut-off upon completion of cycle. 16. Power source 220 volt,50Hz AC electric supply. 17. Power supply 220 volt,50Hz AC electric supply single phase <p>18. Supplied with:</p> <ol style="list-style-type: none"> 19. 1 x set of 3 matching instrument baskets. 20. 1 x set of 3 matching sterilizing drums. 21. 1 x roll of sterilization indicator TST control spots. 22. 1 x box paper sheets, crepe, for sterilization pack. 23. 1 x roll tape, adhesive, for sterilization pack 24. 4 gaskets . 25. 1 x spare set of fuses. 26. User manual with trouble shooting guidance. 27. Technical manual with maintenance and first line technical intervention instructions. 28. List with name and address of technical service providers in India 29. Training and installation at end-user site 30. Preventive maintenances per year 	1

		<p>31. Required IQ, PQ, OQ with calibration certificate</p> <p>32. The system should be made in India/BIS/US FDA approved product.</p> <p>33. Warranty 3 years</p>	
20	Autoclave- vertical 40 liter	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Stand-alone bench top autoclave 30- 40 lit. Liters. 2. Radial locking system lid. 3. Circular type chamber. 4. Hinged door . Double safety door locking device. 5. Steriliser chamber material should be stainless steel or better grade steel. 6. Dri-Tec drying – process / B process cycle. 7. 121degree C wrapped sterilising process. 8. Tabletop autoclave unit shall be supplied along with one rack unit with 5 levels and one set of suitable sized instrument trays. 9. Height 700 mm,Width 510 mm,Depth 545 mm. 10. Material: Whole body Pure SS 11. Audio visual alarm facility available low water level. 12. Door locking facility with locking bolts. 13. The panel is provided with on/off switch, pressure gauge, steam release valve & indicators to show the working of mains & pressure control system. 14. Digital Temperature controller with inbuilt timer that will cut off the heaters automatically after lapse of pre set time at the preset temperature. <p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 15. Microprocessor based PID/PLC system controller 16. Number of trays should be 1- 3in steriliser chamber . 17. Power shut-off upon completion of cycle. 18. Power source 220 volt,50Hz AC electric supply. 19. Power supply 220 volt,50Hz AC electric supply single phase <p>20. Supplied with:</p> <ol style="list-style-type: none"> 21. 1 x set of 3 matching instrument baskets. 22. 1 x set of 3 matching sterilizing drums. 23. 1 x roll of sterilization indicator TST control spots. 24. 1 x box paper sheets, crepe, for sterilization pack. 25. 1 x roll tape, adhesive, for sterilization pack 26. 4 gaskets . 27. 1 x spare set of fuses. 28. User manual with trouble shooting guidance. 29. Technical manual with maintenance and first line technical intervention instructions. 	1

		<p>30. List with name and address of technical service providers in India</p> <p>31. Training and installation at end-user site</p> <p>32. preventive maintenances per year</p> <p>33. The system should be made in India/BIS/US FDA approved product.</p> <p>34. Warranty 3 yrs</p>	
21	Rotary Shaker	<p>The instrument should have following features and technical specifications:</p> <p>Kahn racks, bottle or conical flasks of different sizes can be shaken by adjusting the compartments provided on the shaking rack</p> <ol style="list-style-type: none"> 1. Automatic digital ON/OFF timer. 2. With RPM Indicator. 3. Shaking type : Reciprocating type 4. Platform width : 30cm 5. Platform Length:35 cm 6. Platform Height :10 cm 7. Solid State Brushless DC 8. Power :230 V 10, 50 Hz AC. 9. Power consumption : 50 watt 10. Speed range. 10 TO 400 R.P.M 11. Suitable for Operating temperature and RH: 0 to 50 degree C, 0 to 90% Relative Humidity. 12. The system should be made in India/BIS/US FDA approved product. 13. Warranty 3 yrs 	1
22	BOD incubator	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. The equipment should have Microprocessor controlled temperature. 2. The system should have a temperature control range from Ambient +5 C should be 40 Wh/h. 3. The heat transfer to environment at 37 4. Material Pure SS/MS 5. Size: Depth 2 feet X Height 4 feet X width 3 Feet 6. The equipment should have inner chamber volume of 120-150 Litres. 7. The system should have a temperature deviation of + 0.2 C.☐ 8. The system should have heating up time of less than 45 min to achieve 37 C. 9. The equipment should have temperature recovery time of 10 min at 37 10. The equipment should have rounded edges and corners for easy cleaning. 11. Equipment should have interface for the 	1

		<p>documentation of temperature during incubation.</p> <p>12. Toughened glass window ,Air circulation fan ,Removable tray ,Temperature sensor ,Door hinges ,Door handle with lock & key ,PID temperature controller ,Analog ampere meter ,Pilot lamp ,Safety thermostat ,On/Off MCB ,Refrigeration system ,Power cord ,Caster wheels ,Solid door ,Heater ,Temperature High/Low Safety alarm</p> <p>13. Should work on 220 volts, 50 Hz.</p> <p>14. Required IQ, PQ, OQ with calibration certificate</p> <p>15. The system should be made in India/BIS/US FDA approved product.</p> <p>16. Warranty 3 yrs</p>	
23	Vortex Mixer	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Brushless AC motor 2. Mini vortex mixture 3. Material of mixing –Rubber 4. Timer setting 0.00001 minute 5. Multi tube 6. Variable speed (RPM)-3000 7. Conical / volumetric 8. Maximum diameter of the tube testable 75mm Orbital diameter 4mm 9. External dimension height 17 cm External dimension width 13 cm External dimension depth 19 cm 10. Operating temperature 0 – 50 11. Power consumption (W) 300 watt 12. Voltage 230 13. The system should be made in India/BIS/US FDA approved product. 14. Warranty 3 yrs 	4
24	Semi-automated ELISA Reader with Washer & PC software	<p>The instrument should have following features and technical specifications:</p> <p>ELISA READER:</p> <ol style="list-style-type: none"> 1. Should be able to support all plate formats U bottom,V bottom and flat bottom 96-well microplates. 2. PC based system. 3. Optical systems:LED lamp/UV Xenon flash lamp. 4. Detection : Absorbance based. 5. Reading Time:<15 seconds for 96-wells manifold-12 channels. 6. Wavelength range:340nm to 750nm or more. 7. Wave length selections should be double monochromator with 1nm increment. 8. System should have capability to do qualitative ,quantitative,kinetics with any formulae including validation ,transformation ,factors and floating cutoff 	1

		<p>9. Absorbance Range :0-4 OD. 10. Resolution :0.001 Abs. 11. Accuracy :1%+/-0.010 OD upto 0.001 OD. 12. Repeatability:0.5%+/-0.005 OD. 13. System should perform self-check before every measurement. 14. Power requirement :220V-50/60Hz. 15. PC Requirement (all in one PC): intel core i7 processor ,4 GB RAM,2 GB graphic ,1 TB hard disc ,Full HD LED monitor 17",DVD writer ,Wi-Fi ,Wireless keyboard and mouse ,64 bit and latest version of Microsoft Window ,with MS office licensed,Laser Printer (>20 pages/min)>5000pages/refilling of cartridge. 16. PC Software packages (windows compatible)for on board data analysis: Based on user-defined templates and parameters, Microplate Manager software reads the plate, generates an array of values, and performs data analysis. Key features include: Flexible, intuitive, and efficient software for reading microplates and assay analysis in any research setting Provides unique access to instrument controls, allowing additional options for optimizing microplate assays Allows complete reproducibility of the assay workflow, plate reading parameters, calculations, and reports Produces exact and controllable data with template design flexibility along with intuitive guides for designating plate wells, mapping dilutions, and multiple sample series Delivers comprehensive and configurable reports that contain every step of the workflow and analysis, including descriptive notes.</p> <p>WASHER</p> <ol style="list-style-type: none"> 1. Should have UN-pressurized liquid system independent from bottle size and type with any type of bottle to be used. 2. Dispensing and aspirating needles should be separate. 3. Washer should have 8 or 12 channel wash head. 4. Should have 2-4 independent liquid channel. 5. Wash volume per well should be programmable. 6. Should have residual volume of <2ml. 7. Should have strip selection option which allows to wash selected strips only. 8. The supplier should provide comprehensive 	
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		<p>training to users on operation of the instrument and application support onsite as per specification.</p> <p>9. Branded compatible online UPS with at least 30 minutes backup.</p> <p>10. Safety Devices:- Aerosol cover ,removable plate carrier,spill over,protection and overflow protection safety system.</p> <p>11. Capability :-24, 48, & 96 well micro-plates.</p> <p>12. Accessories :-Spare lamps (2 No.S).</p> <p>13. Required IQ, PQ, OQ with calibration certificate of ELISA Reader and Washer</p> <p>14. The system should be made in India/BIS/US FDA approved product.</p> <p>15.Warranty 3yrs</p>	
25	Deep freezer (-20 ºC)	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Ultra Low Temperature Freezer – with operating 2. temperature of (-10 Deg ⁰C to -20 Deg ⁰C) 3. Storage volume- 300 litres (Vertical) 4. External casing should be powder coated galvanized sheet metal, non corrosive. 5. Door : double door with inner glass, front opening with lock 6. Stainless steel/powder coated CR or steel with 4 lockable castors 7. Shelves : 4 to 5 compartments each with separate 8. inner doors for better sample protection through minimum sample warming 9. Adjustable shelves. 10. Defrosting: Manually defrosting 11. Storage temperature display , 12. Visual alarm: alarm system for high and low temperature. 13. Polyurethane Insulation minimum of 70mm for better thermal insulation and sample safety in case 14. Refrigeration – CFC and HCFC free. 15. ompressor incorporated V-drive variable speed control system. 16. Microprocessor controlled. 17. Temperature deviation of maximum +/-3°C 18. Actual temperature display with at least 20 mm LED display for better visibility. 19. Audible and visible alarm system for unwanted temperature rise and low temp below 10 ⁰C, sudden power failure , system failure and battery low. 20. One pair of cryo gloves to by supply. Voltage stabilizer. 21. UPS & Batteries applicable 22. All standard accessories applicable for smooth full functioning of equipments. 	1

		<p>23. Warranty of compressors: 5 yrs 24. Warranty of complete unit :3 yrs 25. Should be Make in India, US FDA , European CE, ISO.</p>	
26	Hot Air Oven	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Capacity – 100- 150 Litre Description of Function 2. Hot Air Oven is required for heating a sample under controlled conditions. 3. Operational Requirements <ol style="list-style-type: none"> a. Microprocessor based system with PID-temperature controller with integrated auto diagnostic system . b. Thermostatically controlled system. 4. Forced air circulation by quiet air turbine/Fan to ensure uniform temperature. 5. Fitted with load indicator and safety thermostat take over indicator lamp. 6. LCD/LED Indicator 7. Temperature Variation +/- 1 deg C. 8. Temperature Range-Ambient to 250 deg C. 9. Output available for data acquisition. 10. Number of shelves – 5 11. Types of Shelves -Removable 12. Should be double glass 13. System Configuration Accessories, spares and consumables <p>System as specified Environmental factors The unit shall be capable of being stored continuously in ambient temperature of 0 –50deg C and relative humidity of 15-90%. The unit shall be capable of operating continuously in ambient temperature of 10–40deg C and relative humidity of 15-90%.</p> <ol style="list-style-type: none"> 14. Power Supply <ol style="list-style-type: none"> a. Power input to be 220-240VAC, 50Hz fitted with Indian plug b. Voltage corrector/stabilizer of appropriate ratings meeting ISI Specifications.(Input 160-260 V and output 220-240 V and 50 Hz) 16. Standards, Safety and Training <ol style="list-style-type: none"> a. System should confirm to IS:6365-1971(Reaffirmed 1995) with latest amendments in ISI specifications for 17. Laboratory Electric Ovens. <ol style="list-style-type: none"> a. Electrical safety conforms to standards for electrical safety IEC-60601 / IS- 13450 Should be compliant to ISO 13485: 18. Quality systems - Medical devices – 19. Particular requirements for the application of ISO 	1

		9001 applicable to manufacturers and service providers that perform their own design activities. 20. Should be Make in India, FDA or European CE approved product. 21. Warranty 3 years	
27	Adjustable micropipettes 100-1000 uL	The instrument should have following features and technical specifications: 1. Minimum Volume: 100 uL, Max Volume: 1000µL, 2. Description: Adjustable and variable volume pipette, 3. Reproducible and 99.9% accuracy, 4. Autoclave material with tip ejector 5. The system should be made in India/BIS/US FDA approved product.	18
28	Adjustable micropipettes 10-100 uL	The instrument should have following features and technical specifications: 1. Minimum Volume: 10 uL, Max Volume: 100 µL, 2. Description: Adjustable and variable volume pipette, 3. Reproducible and 99.9% accuracy, 4. Autoclave material with tip ejector 5. The system should be made in India/BIS/US FDA approved product.	18
29	Adjustable micropipettes upto 0.5 to 20 uL	The instrument should have following features and technical specifications: 1. Minimum Volume: 0.5 uL, Max Volume: 20 µL, 2. Description: Adjustable and variable volume pipette, 3. Reproducible and 99.9% accuracy, 4. Autoclave material with tip ejector 5. The system should be made in India/BIS/US FDA approved product	18
30	fixed micropipettes 20 µl	The instrument should have following features and technical specifications: 1. Volume: 20 uL, 2. Description: Fixed volume pipette, 3. Reproducible and 99.9% accuracy, 4. Autoclave material with tip ejector 5. The system should be made in India/BIS/US FDA approved product.	10
31	Adjustable micropipettes 5 to 50 uL	The instrument should have following features and technical specifications: 1. Minimum Volume: 5 uL, Max Volume: 50 µL, 2. Description: Adjustable and variable volume pipette, 3. Reproducible and 99.9% accuracy 4. Autoclave material with tip ejector 5. The system should be made in India/BIS/US FDA approved product.	10

32	Fixed auto pipettes 5ml	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Volume: 5mL, 2. Description: Fixed volume pipette, 3. Reproducible and 99.9% accuracy, 4. Autoclave material with tip ejector 5. The system should be made in India/BIS/US FDA approved product. 	5
33	Electric needle and syringe destroyer (needles not to be destroyed)	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Product Dimensions: 24 x 15 x 15 cm, 2. Weight: Approx 2 Kilograms, 3. Item Description: Rust-Free Cutter Shockproof, High-grade steel cutter: long life. Extra safety: Burn needles eliminates and prevents needle injuries, 4. Mode: Electric 5. The system should be made in India/BIS/US FDA approved product. 	1
34	Stage micrometer	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Item Description: The stage micrometer is a calibrated scale 2. Which is divided into 0.1 millimeters (mm) and 0.01 mm units 3. The system should be made in India/BIS/US FDA approved product. 	10
35	Timers	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Material: Plastic, 2. Product Description: Digital timers with display, 3. Uses: keep track of timing in hours, minutes and seconds, 4. Trigger an action, to start timing once triggered by an action, or both. 5. The system should be made in India/BIS/US FDA approved product. 	30
36	Audiometer	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. It is used to measure hearing ability. It should be identify hearing loss and the underlying causes for the hearing loss. 2. Type of audiometer: For screening, 3. Diagnostic and clinical audiometers. 	1
37	Sphygmomanometer-Digital (automated)	<p>The instrument should have following features and technical specifications:</p> <ol style="list-style-type: none"> 1. Material tube: rubber or other suitable material with metal cover. Length tube between: 50 to 70 cm. 	3

		<p>2. Gauge graduated 0 - 300 mmHg (min) in 2 (max) mmHg increments, with pressure release valve,</p> <p>3. Sphygmomanometers shall consist of an inflation system, a pressure measuring device (manometer), a housing for the manometer and its inflation system.</p> <p>4. The system should be made in India/BIS/US FDA approved product.</p>	
38	Hygrometer	<p>The instrument should have following features and technical specifications:</p> <p>1. Material - Durable Hard Plastic Large LCD Display for Easy To Read</p> <p>2. Temperature range: -10°C~+50°C. (14°F~+122°F), Humidity range: 10%~99%RH ,</p> <p>3. Resolution: temperature: 0.1°C(0.1°F), humidity: 1% RH ,</p> <p>4. Accuracy: temperature: ± 1°C(1.8°F), humidity: ± 5%RH (40%~80%) , Storage condition: -20°C~60°C, 20~80%RH Measure Temperature And Humidity , Display Clock And Celender With Integral-hour alarm function, weight-160 grams</p> <p>5. The system should be made in India/BIS/US FDA approved product.</p>	6
39	Temperature indicator	<p>The instrument should have following features and technical specifications:</p> <p>1. Product Description: IN/OUT Temperature</p> <p>2. Battery: 1.5V (LR44),</p> <p>3. Jumbo Display</p> <p>4. Sensor cable length: 1 Meter, Material - Durable Hard Plastic LCD Display for Easy To Read</p> <p>5. The system should be made in India/BIS/US FDA approved product.</p>	4
40	Anaerobic culture Jar	<p>The instrument should have following features and technical specifications:</p> <p>1. Item Description: Leak proof,</p> <p>2. Capacity: 3.5 liter,</p> <p>3. Color: Transparent. Material: Polycarbonate</p> <p>4. The system should be made in India/BIS/US FDA approved product.</p>	1
41	Sahli's Haemoglobin meter	<p>The instrument should have following features and technical specifications:</p> <p>1. Measuring range: 0-20 gm/dl,</p> <p>2. Item Description: Height -3 inch, Width -0.5 inch</p>	50

		<p>3. Square H.B. Tube -2 Nos with each piece, H.B. Pipette -1 No with each piece 4. The system should be made in India/BIS/US FDA approved product.</p>	
42	Blood mixer roller	<p>The instrument should have following features and technical specifications:</p> <p>1. Constant motor performance, Rotation speed up to 36rpm, low noise and long service life. 4 x 230mm Rollers 2. Speed: 36RPM 3. BLOOD MIXER ROLLER USE for mixing blood. 4. Input Voltage- : 230v AC, 50hz, R.P.M : 30/36, Material Body: Iron Make, 5. Mottor: Copper, Item Weight 3.00 kilograms 6. The system should be made in India/BIS/US FDA approved product.</p>	1
43	TDS Meter	<p>The instrument should have following features and technical specifications:</p> <p>1. Item description:TDS meter tester for testing the purity of water, 2. Material: plastic or leather, 3. Weight: 80.0 grams 4. The system should be made in India/BIS/US FDA approved product.</p>	2
44	Sphygmomanometer- Manual	<p>1. Material tube: rubber or other suitable material with metal cover. 2. Length tube between: 50 to 70 cm. Gauge graduated 0 - 300 mmHg (min) in 2 (max) mmHg increments, with pressure release valve, 3. Sphygmomanometers shall consist of an inflation system, a pressure measuring device(manometer), a housing for the manometer and its inflation system. 4. The system should be made in India/BIS/US FDA approved product.</p>	3
45	Stethoscope	<p>The instrument should have following features and technical specifications:</p> <p>1. Colour: Black, Material: Metal & Rubber, 2. Size 4.5 x 16.8 x 32.3 cm, Stethoscope offers high acoustic sensitivity for excellent performance when doing assessment Design is easier to clean and maintain 3. Its next-generation tubing provides longer life due to improved resistance to skin oils and alcohol, and is less likely to pick up stains. 5. The system should be made in India/BIS/US FDA</p>	5

		approved product	
46	Water purification RO system	<p>Storage Tank Capacity: 50 Litre</p> <ol style="list-style-type: none"> 1. Some configurations should be present 2. Clinical Laboratory Reagent Water (CLRW) complies with quality standards. 3. water purity in clinical laboratories (resistivity > 10 MΩ·cm; TOC < 500 ppb; 4. bacteria < 1 cfu/100 mL; 5. Ionic & Organic Rejection/Removal >99% 6. On line UV Absorbance 254nm 7. DNase and RNase free 8. filtration of particles > 0.22 μm). 9. Material: stainless steel 10. Purification: advance method of purification 11. Audible alarms, error messages and warning codes. 12. Display: LED 13. Out put flow rate for purified water: Minimum 20 litre per hour to be provided 14. The system should be made in India/BIS/US FDA approved product. 15. Warranty: 3 Years <p>Electrical specifications</p> <ol style="list-style-type: none"> 1. Voltage :120/240 V AC 2. Frequency:30/40 Hz 	1
47	ICU Bed	<ol style="list-style-type: none"> 1. Comfort of Patient; facilitate comfortable transfer to & from Emergency/ OT/ Ward etc. also to carry out point of care process including Radio-logical procedure at bed side 2. Mechanical (Handle Operated) 3. Number of section provided in Bed Top 4. Type of side panel Collapsible type 5. Number of Side panel 2 6. Shape of Head & Foot panel /Board B-type shape 7. Type of Head & foot Panel Swing Up Down type 8. Number of hooks provided in IV rod 4 Provide 1 IV rod 9. Super Smooth Crank Screw Mechanism: Hydraulic mechanism for height 10. Degree Angle & Height indicator shall be provided at both foot & head side 11. X-Ray film holder used from Both side 12. Safe working load capacity of ICU bed in kg 250 13. Material for the frame of bed MS 14. Material for side railing/ Side Safety guard SS 15. Material for Head; Foot Panel/Board ABS Plastic 16. Material for Bed top Section SS 17. Material of wheels Polyester 18. Maximum Adjustable Back Rest Angle in Degree 0-70 	1

		<p>19. Maximum Adjustable Knee Rest Angle in Degree 0-40</p> <p>20. Maximum Trend lenburg Angle in Degree with tolerance ± 2 degree15</p> <p>21. Maximum Reverse Trendlenburg Angle in Degree with tolerance ± 2 degree15</p> <p>22. Clearance between Bed Base frame and Floor surface in mm150</p> <p>23. Length of bed in mm with 2% tolerance 2100-2200</p> <p>24. Width of bed in mm with 2% tolerance 950-1000</p> <p>25. Electric Shock Protection level-Class-B/class-1NA for handle operated</p> <p>26. The product should be made in India/BIS/US FDA approved product.</p> <p>27. Warranty 2 yrs</p>	
48	Micro Centrifuge	<p>1. Speed range RPM/RCF- 13000/12000xg</p> <p>2. Capacity-12x2.0ml , 4x8tube PCR strips</p> <p>3. Should be RPM/RCF conversion</p> <p>4. Lid lock</p> <p>5. Automatic door release</p> <p>6. Dimension 208x245x145mm</p> <p>7. weight 4 – 5 kg</p> <p>8. Warranty 3yrs</p>	1

MLT Laboratory Glassware & Plasticware
PLASTIC-WARE

S. No	Name of Items	Required Quantity	Unit	Specifications
1.	Beakers -100 mL Plastic	30	Pcs	Capacity: 100 mL, Material: High quality Polypropylene plastic material, Clour:Transparent
2.	Beakers -250 mL Plastic	30	Pcs	Capacity: 250 mL, Material: High quality Polypropylene plastic material, Clour:Transparent
3.	Beakers - 500 mL Plastic	15	Pcs	Capacity: 500 mL, Material: High quality Polypropylene plastic material, Clour:Transparent
4.	Beakers-1 liter Plastic	10	Pcs	Capacity: 1000 mL, Material: High quality Polypropylene plastic material, Clour:Transparent
5.	Test tube stand 1.5 ml	15	Pcs	Material: Plastic, Size & capacity: 48 x 1.5ml tubes Recyclable polypropylene / autoclavable. These racks are

				designed for 1.5ml tubes. They hold 48 tubes in 4 rows of 12. Holes are alpha-numerically indexed and on an incline for visibility of all four rows.
6.	Puncture proof container	6	Pcs	Color: Transparent. Capacity: 5 Litre. Material: HDPE. Disposability: Disposabale. Thickness: 25 mm
7.	Dustbin (Red, Yellow and Black)	6	Set	Bottom Dimension 455 × 455 mm Height of bin 910 mm Height of bin with lid 1125 mm Weight of bin with lid 7 kg
8.	Dropper bottles lab use-300 ml	30	Pcs	Material: Low Density Polyethylene, Colour: White Capacity: 300 Milliliters
9.	Coplin Jar	15	Pcs	Material: Polypropylene or plastic, Capacity: 60 ml
10.	Test tube stand plastic-5 ml	15	Pcs	Colour: White Material: Polypropylene Size: 12MM Capacity: 12 Holes
11.	Test tube stand plastic-15 ml	15	Pcs	Colour: White Material: Polypropylene Size: 18 MM Capacity: 12 Holes
12.	3 ml plastic leak proof tube with cap	100	Pcs	Product: 3 mL plastic tube with airtight cap, Material: propylene & Plastic, Size:12 mm
13.	Micropipette stand	12	Pcs	Material: High quality Propylene or plastic, Color: Transparent, Capacity: 6 Micropipette stand 6/Place Micropipette stand is to give maximum comfort to the end-user in dealing with and.
14.	Sample transportation box	6	Pcs	Material: PVC, Capacity: 5 kg, Description: Triple layer, Coolant: Totally CFC free
15.	Urine container -30 mL	200	Pcs	Plastic material, Leakproof
16.	Stool container-20 mL	200	Pcs	Plastic material, Leakproof

17.	Syringe-2ml	1	Box	Disposable
18.	Syringe-5 ml	1	Box	Disposable
19.	Westergren tubes	100	Pcs	ESR estimation
20.	Capillary tubes - Heparinised	3	Box	As a thin homogeneous coating
21.	Capillary tubes plain	3	Box	For clotting time
22.	Pasteur pipettes-3 ml	500	Pcs	Plastic material and measure with accuracy
23.	Vacutainer Red top with vacuum	100	Pcs	With vaccum
24.	Tips 20-200 uL	5	Box	Without filter, high quality
25.	Tips 100-1000 uL	5	Box	Without filter, high quality
26.	Tips 0.5-20 uL	5	Box	Without filter
27.	Sample collection holder	5	Pcs	Good plastic material

LIST OF REQUIED GLASSWARE

S. No	Name of Items	Required Quantity	Unit	Specifications
1.	Wintrobe Tubes	60	Pcs	Material: High quality Glass material, Clour:Transparent, Length: 5 Inch vertical tube
2.	Petridishes -90 mm	100	Pcs	Material: Glass material, Clour:Transparent, Size- 4 Inch, Round
3.	Glass Funnels 50 mm	5	Pcs	Material: Heavy wall borosilicate glass, Length: 50mm, high resistance to chemical attack
4.	Glass Funnels 75 mm	5	Pcs	Material: Heavy wall borosilicate glass, Length: 75mm, high resistance to chemical attack
5.	Glass Funnels 100 mm	5	Pcs	Material: Heavy wall borosilicate glass, Length: 100mm, high resistance to chemical attack

6.	Conical flask-50 mL	5	Pcs	Material: Heavy wall borosilicate glass, Volume:50mL, high resistance to chemical attack, Colour- Transparent, Autoclable at 121 °C for 1 hour
7.	Conical flask-100 mL	5	Pcs	Material: Heavy wall borosilicate glass, Volume:100mL, high resistance to chemical

				attack, Colour- Transparent, Autoclable at 121 °C for 1 hour
8.	Conical flask-250 mL	5	Pcs	Material: Heavy wall borosilicate glass, Volume:250mL, high resistance to chemical attack, Colour- Transparent, Autoclable at 121 °C for 1 hour
9.	Conical flask-500 mL	5	Pcs	Material: Heavy wall borosilicate glass, Volume:500mL, high resistance to chemical attack, Colour- Transparent, Autoclable at 121 °C for 1 hour
10.	Clear Glass Media Bottle 50 mL	5	Pcs	Material: Heavy wall borosilicate glass, Size & Volume:50mL, high resistance to chemical attack, Colour- Transparent, Autoclable at 121 °C for 1 hour, bottles Shall have threaded on Blue Plastic caps and pouring rings that are autoclavable
11.	Clear Glass Media Bottle 100 mL	5	Pcs	Material: Heavy wall borosilicate glass, Size &Volume:100mL, high resistance to chemical attack, Colour- Transparent, Autoclable at 121 °C for 1 hour, bottles Shall have threaded on Blue Plastic caps and pouring rings that are autoclavable
12.	Clear Glass Media Bottle 50 mL	5	Pcs	Material: Heavy wall borosilicate glass, Volume:50mL, high resistance to chemical attack, Colour- Transparent, Autoclable at 121 °C for 1 hour, bottles Shall have threaded on Blue Plastic caps and pouring rings that are autoclavable

13.	Clear Glass Media Bottle 250 mL	5	Pcs	Material: Heavy wall borosilicate glass, Size & Volume:250mL, high resistance to chemical attack, Colour- Transparent, Autoclable at 121 °C for 1 hour, bottles Shall have threaded on Blue Plastic caps and pouring rings that are autoclavable
14.	Clear Glass Media Bottle 500 mL	5	Pcs	Material: Heavy wall borosilicate glass, Size & Volume:500 mL, high resistance to chemical attack, Colour- Transparent, Autoclable at 121 °C for 1 hour, bottles Shall have threaded on Blue Plastic caps and pouring rings that are autoclavable
15.	Measuring cylinder- Glass - 100 ml	10	Pcs	Material: Heavy wall borosilicate glass, Size & Volume:100 mL, high resistance to chemical attack, Colour- Transparent, Autoclable, Model:Measuring Graduated Cylinder 100 ml,
16.	Measuring cylinder- Glass - 250 ml	10	Pcs	Material: Heavy wall borosilicate glass, Size &Volume:250 mL, high resistance to chemical attack, Colour- Transparent,

				Autoclable, Model:Measuring Graduated Cylinder 100 ml,
17.	Measuring cylinder-plastic - 500 ml	10	Pcs	Material: Heavy wall plastic, Size & Volume:500 mL, high resistance to chemical attack, Colour- Transparent, Autoclable, Model:Measuring Graduated Cylinder 500 ml
18.	Centrifuge tubes glass 15 ml	100	Pcs	Material: Borosilicate Glass, capacity: Centrifuge Tube 15 ml Diameter: (Metric) Outside 17mm Length (Metric): 118mm contain
19.	Glass rods different sizes	5	Pcs	Size: 8 inch, diameter: 0.5 mm, Material: Glass
20.	Glass tube-15 mL, 18 x 150 mm	100	Pcs	Material: Borosilicate glass, Usage: Laboratory Color :Transparent, Size:18X150 mm
21.	Glass tube 3 mL, 10 x 75 mm	200	Pcs	Size: 10x75 mm Material: Glass/borosilicate Capacity: 3 ml
22.	Glass slides	50	Box	High quality glass material

23.	Permanent marker	10	Pcs	leak-proof
24.	Cover slip 25x25 mm	10	Packs	With good quality of material
25.	Frosted end slides	30	Box	One sided frosted
26.	Coverslips 40 mm x 20 mm	5	Box	With good quality of material
27.	Coverslips 50 mm x 20 mm	5	Box	With good quality of material

MLT Laboratory Equipments Chemicals, Reagents & Kits

S. No	Name of Items	Required Quantity	Unit
1.	Immersion oil-100 ml	2	Bottle
2.	Spirit	5	Liter
3.	Leishman Stain-500 ml	500	mL
4.	Benedict reagent-500 ml	1	Bottle
5.	Lugols iodine-250 ml	1	Bottle
6.	Normal saline-450 mL	1	bottle
7.	Hydrochloric Acid (HCL)	2.5	Liter
8.	Hypochlorite	5	Liter
9.	Ammonia solution	1	Liter
10.	Sulphur powder	100	Gram
11.	Isopropyl Alcohol	2.5	Liter
12.	Paraffin wax	1	Liter

13.	DPX mount	500	ML
14.	Acetone extrapure	2.5	Liter
15.	Methanol extrapure (acetone free)	10	Liter
16.	Potassium hydroxide pellets extrapure	500	Gram
17.	Sulphuric acid extrapure	2	Liter
18.	DRABKIN'S SOLUTION	1	Liter
19.	R.B.C. Diluting Fluid (Hayemis)	500	ML
20.	W.B.C. Diluting Fluid	500	ML
21.	Platelet diluting fluid	500	ML
22.	tri-Sodium citrate dihydrateextrapure	500	Gram
23.	EDTA. N / 50 solution	500	ML
24.	Brilliant Cresyl Blue Solution	100	Gram
25.	Absolute Eosinophil count fluid	100	ML
26.	Deionized water	50	Liter
27.	Formaldehyde solution 37-41%	5	Liter
28.	Xylene AR	2.5	Liter

29.	Sodium chloride extrapure	500	Gram
30.	Fouchet's Reagent	500	Gram
31.	Barium chloride dihydrateextrapure	500	ML
32.	Ehrlich's reagent	100	Gram
33.	Sodium acetate anhydrous extrapure	500	Gram
34.	Chloroform extrapure	500	ML
35.	Butan-1-ol extrapure (n-Butanol)	500	ML
36.	Acetate Buffer Solution pH 4.6	500	ML
37.	Semen diluting fluid	500	ML
38.	Leishman's stain powder	250	ML
39.	Giemsa's stain	100	Gram
40.	Methylene blue Stain	100	Gram
41.	Azur A stain For Microscopy	25	Gram
42.	di-Sodium hydrogen ortho-phosphate	500	Gram
43.	Potassium di-hydrogen ortho-phosphate extrapure	500	Gram
44.	Sodium nitroprussideextrapure	500	Gram
45.	Acetic acid glacial extrapure	2.5	Liter
46.	Rothera's Reagent	500	Gram
47.	Resorcinol extrapure	250	Gram
48.	Resorcinol	500	ML
49.	5-Sulphosalicylic acid extrapure	500	Gram
50.	Turk's Solution For Hematology	250	ML
51.	Nitric Acid 10% Solution AR	500	ML
52.	Cryostat for frozen section	1	Box
53.	Schiff's reagent	500	ML
54.	Periodic acid AR	100	Gram
55.	Light Green Stain Solution	250	ML

Antibiotics Discs

S.No	Name of Items	Quantity
1	Mannitol salt agar	500gm x1
2	Deoxycholate citrate agar	500gm x1
3	Nutrient broth	500gm x1
4	Blood Agar	500gm x1
5	Macon key agar	500gm x1
6	MHA (Mueller Hinton Agar)	500gm x1

7	Nutrient Agar	500gm x1
8	Sabouraud's dextrose agar	500 gm x1
9	TCBS	500gm x1
10	XLD	500gm x1
11	Selenite F broth	500gm x1
12	Simmons citrate agar	500 gm x1
13	Peptone water	500gm x1
14	TSI (Triple sugar iron) agar medium	500gmx1
15	C.L.E.D. Agar with Bromothymol blue	500 gmx1
16	Brain Heart infusion broth	500gmx1
17	Lofellers serum media	100gmx1
18	Potassium tellurite media	5ml x 5
19	Alkaline peptone water	100gmx1
20	Lowenstein Jensen Media	100gmx1
21	Robrtson cooked meat broth	100gmx1
22	Nitrate Agar	500 gm x1
23	Kovacs Indole reagents	100ml x 5
24	MR/VP reagent	500gm x1
25	Urease test broth	100gmx2
26	Oxidase test reagent	100mlx2
27	Glucose agar	100gmx1
28	Maltose agar	100gmx1
29	Lactose agar	100gmx1
30	Sucrose agar	500gm x1
31	Mannitol agar	100gmx1
32	Gram stain kit	20 kit
33	Albert stain kit	10 kit
34	ZN stain kit	20 kit
35	India ink solution:	5 kit
36	Amikacin antibiotics disc	1 pkt

37	Ampicillin antibiotics disc	1 pkt
38	Ampicillin/sulbactam antibiotics disc	1 pkt
39	Amoxiclav antibiotics disc	1pkt
40	Azithromycin antibiotics disc	1pkt
41	Bacitracin antibiotics disc	1pkt
42	Cefepime antibiotics disc	1pkt
43	Cefepime/Tazobactam	1pkt
44	Clindamycin antibiotics disc	1pkt
45	Cefotaxime antibiotics disc	1pkt
46	Ceftazidime antibiotics disc	1pkt
47	Ceftazidime+clavulinic acid	1pkt
48	Chloromphenicol antibiotics disc	1pkt
49	C-Trimoxazole antibiotics disc	1pkt
50	Cepodoxime antibiotics disc	1pkt
51	ciprofloxacin antibiotics disc	1pkt
52	Ceftriaxome antibiotics disc	1pkt
53	Doxycycline antibiotics disc	1pkt
54	Gentamycin antibiotics disc	1pkt
55	Imipenum antibiotics disc	1pkt
56	Cepodoxime /clavulinic acid	1pkt
57	Lactophenol cotton blue solution	100 ml x 2
58	Yeast Nitrogen base powder	100 gm x 1

Biochemistry Kits

S. No	Name of Items	Required Quantity	Unit
1.	Total Cholesterol	1	Kit
2.	Triglycerides	1	Kit
3.	HDL-C	1	Kit
4.	SGOT/AST	1	Kit
5.	SGPT/ALT	1	Kit
6.	Alkaline Phosphatase	1	Kit

7.	Total Bilirubin	1	Kit
8.	Direct Bilirubin	1	Kit
9.	Total Protein	1	Kit
10.	Albumin	1	Kit
11.	Urea	1	Kit
12.	Creatinine	1	Kit
13.	Uric Acid	1	Kit
14.	Electrolyte	1	Kit
15.	GGT	1	Kit

16.	Amylase	1	Kit
17.	Lipase	1	Kit
18.	Glucose	1	Kit
19.	RA	1	Kit
20.	CRP	1	Kit
21.	Widal	1	Kit
22.	ASO	1	Kit
23.	VDRL/RPR	1	Kit
24.	T3	1	Kit
25.	T4	1	Kit
26.	TSH	1	Kit
27.	Hemospot kit tulip	5	Kit
28.	Anti human globulin (AHG)	1	Kit
29.	Sodium metabisulphate (sickling)	1	Kit
30.	Blood group Anti ABO	2	Kit
31.	1% New methylene blue (Retic count)	1	Kit
32.	Lugols Iodine	1	Kit
33.	Hemotoxylene and Eosin stain kit	1	Kit
34.	PAP staining kit (Rapid pap kit)	1	Kit
35.	PAS stain	1	Kit
36.	Massonstrichrome stain	1	Kit
37.	QC vial biochemistry Norm and Path	1	1 Vial of each

MLT Laboratory Equipment's Miscellaneous Items

S. No	Name of Items	Required Quantity	Unit	Specifications
1.	Test tube holder	30	Pcs	Test Tube Holder Wooden Handle with high quality Chrome Plated material Length: 180mm Accept the Test Tubes ranging from 22mm to 32mm diameter Used to hold hot test tubes in laboratories. Item weight: 25 gram

2.	Spirit lamp	30	Pcs	Stainless steel spirit lamp with cap and made out of S.S 304, Size in mm:63.00 X 63.00, Weight:60 gram, capacity-125 mL
3.	Fire Extinguisher	6	Pcs	Product description:Works on all the types of fire: Fights Class A, B, C and Electrically started fires. Weight: 6 kg
4.	Certified weight box with weight	1	Pc of each	1 mg to 200 g with Box and NABL CertificateType and Shape Weights:Triangle shape (1,10,100

				mg)Square shape (2,20,200 mg)Pentagon shape (5,50,500 mg)Cylindrical Knob Shape (1 g to 200 g)Material: Highgrade Stainless Steel
5.	Safety spectacles	30	Pcs	Frame Material:Soft Polyvinyl Chloride (Soft PVC), Lens material:Polycarbonate
6.	Bacterial loop with holder	30	Pcs	Description: Nichrome Loop Holder with wire, Material: Steel, The shaft of the loops handles is insulated with SS handles in 8 inches.
7.	Charts: Models showing regions/Parts human body	10	Pcs	All body organs such as liver, heart, lungs and bones. Printed on high quality paper. Size: 24x36 inch.
8.	Slide staining tray	20	Pcs	Type of Product : Carrying Tray Material : Aluminium No of Slides : Carrying 20 Slides, Size:8"L x 5"W (inch)
9.	Slide drying tray aluminium	20	Pcs	Type of Product : Slide drying tray after staining. Material : Aluminium Capacity : 20 slides, Size:8"L x 3"W (inch)
10.	Mortar pistol	2	Pcs	Shape: Round Size: 100MM Material: porcelain Color: White, Capacity: 100 mL
11.	Torniquet	30	Pcs	Product: Elastic Arm Tourniquet Material: Plastic BuckleUses: Stretchy strap helps easy adjustmentMedical tourniquetsTourniquet band for blood sample
12.	Injection tray	4	Pcs	Product: Instrument Tray with Cover, Material: Stainless steel Use: Lab use

13.	ESR stand Westergren	4	Pcs	Product: Westergren's ESR tube stand, Material: Metal, Capacity: 6 ESR Tube, Color: Transparent
14.	ESR stand wintrobe	4	Pcs	Product: Wintrobe's ESR tube stand, Material: Metal, Capacity: 6 ESR Tube with 200 & 300 mm, Color: Transparent
15.	Forceps Tweezer nontooth	4	Pcs	Material: Stainless steel, Size:6 inch,
16.	Forceps Tweezernontooth	4	Pcs	Material: Stainless steel, Size:4 inch,
17.	Spatula	3	Pcs	Material: Stainless stell

				Size: 8 Inches
18.	Slide cabinet	1	Pcs	Material: Metal, Capacity: Carry 200 slides
19.	Neubar Chamber	20	Pcs	Material:Glass, Depth: 0.1mm, Volume: 0.9mm ³
20.	Differential Cell counter	20	Pcs	Material: Metal, Total of keys:9Maximum counting range:100(9 Key) Baso, Eosin., Myelo., Juven., Stab., Seg., Lymph., Mono., and Total. Measures 320 x 80 x 56 mm Weight: 800 gram
21.	Sample collection chair	1	Pc	Phlebotomy chair is ergonomically designed, allowing patient's correct posture during phlebotomy. Chair is designed specifically for blood sample collection, the upholstered arms have a wide support surface with angular & vertical adjustment. it should be extremely strong & sturdy, equipped to accommodate high load capacity up to 150 kg. urved backrest to support spinal curvature for comfortable seating Auto adjustable & non slippery foot rest Broad sitting space, accommodates obese patient.Overall Dimensions (LXBXH)760x770x1230mm.
22.	Human skeleton (Articulated)	1	1	Original Bones
23.	Human Skeleton	1	1	Original Bones
24.	Autoclave tape	2	Pcs	sizes: 18mm x 54M (0.7 x 180'), Features: Withstands sterilization by steam autoclaves

25.	Whatman No. 44 filter	10	Packs	Accurate ash free dry mass measurements. Fine nominal particle retention rating of 3 µm. Filtration speed (Typical thickness of 180 µm
26.	Ph Paper	3	Packs	Impregnating special quality filter paper with indicator
27.	Rubber gloves-medium size	1	Box	121 degree C Temperature resistant with special quality rubber
28.	Surgical gloves-	10	Box	Medium size
29.	Face mask	3	Box	Triple layer
30.	Nichrome loops different size 5-	3	Packs	Size-5-10 uL

	10 ul			
31.	Cotton Roll	1	Kg	Sterile
32.	Dimond Marker	10	Pcs	Glass material with unbrokable
33.	Vacutainer Needle	200	Pcs	Vacutainer needle lengths range from 1 to 1 ½ inches
34.	Aluminium Foil	500	Meter	Aluminium foil in gauges from 0,012mm
35.	Tissue paper	50	Pcs	Good quality paper with minimum thickness
36.	Brush (For 5ml glass tube cleaning)	20	Pcs	Size: 12 Inch (Length)
37.	Whole body skeleton	1	Skeleton	Material: PVC Plastic Size and features: Human Skeleton Model (180 cm) with Muscles
38.	Structure of all bones	206	Whole body bones	All bones of whole body ,1 of each
39.	Structure of models system wise		Whole body system	integumentary system, skeletal system, muscular system, lymphatic system, respiratory system, digestive system, nervous system, endocrine system, cardiovascular system, urinary system, and reproductive systems
40.	Chart	40	Pcs	Organ, metabolic process and catabolic process chart.
41.	L Molds	20	Pcs	Brass
42.	Tissue embedding ring plastic	100	Pcs	Plastic

43.	Hospital Bed sheet	5	Pcs	Width 4 feet Length 7Feet Calico Cotton White (Bleached)
44.	Patient Urinals	5	Pcs	500ml Material polypropylene
45.	Patient Wheel Chair	1	Pcs	Attendant Controlled Powered Wheel Chair with Adjustable Seat Height Total weight of Wheel Chair (Kg)105 Back rest with Cushion,Cushion on Seat With Leg guard type Swinging Slope of Seat (Degree) 6 Type of Back rest Foldable Overall Length 1050 mm Frame tube thickness 2mm
				Clearance of frame from floor 110mm Overall Height 1240 mm Loading Capacity 130 kg Arm rest Type Detachable Cushion Material Thickness 110mm Seat Depth 490mm Distance between seat and foot rest 390mm Clearance of footrest from floor160 mm Finish of Aluminium casts Anodized Types of foot rest Swinging with Height Adjustment Warranty 1yr

46.	Hospital Bed	1	Pcs	<p>1. Comfort of Patient; facilitate comfortable transfer to & from Emergency/ OT/ Ward etc.</p> <p>also to carry out point of care process including Radio-logical procedure at bed side</p> <p>2. Mechanical (Handle Operated)</p> <p>3. Number of section provided in Bed Top</p> <p>4. Type of side panel Collapsible type</p> <p>5. Number of Side panel 2</p> <p>6. Shape of Head & Foot panel /Board B-type shape</p> <p>7. Type of Head & foot Panel Swing Up Down type</p> <p>8. Number of hooks provided in IV rod 4 Provide 1 IV rod</p> <p>9. Super Smooth Crank Screw Mechanism: Hydraulic mechanism for height</p> <p>10. Degree Angle & Height indicator shall be provided at both foot & head side</p> <p>11. X-Ray film holder used from Both</p>
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				<p>side</p> <p>12. Safe working load capacity of ICU bed in kg 250</p> <p>13. Material for the frame of bed MS</p> <p>14. Material for side railing/ Side Safety guard SS</p> <p>15. Material for Head; Foot Panel/Board ABS Plastic</p> <p>16. Material for Bed top Section SS</p> <p>17. Material of wheels Polyester</p> <p>18. Maximum Adjustable Back Rest Angle in Degree 0-70</p> <p>19. Maximum Adjustable Knee Rest Angle in Degree 0-40</p> <p>20. Maximum Trend lenburg Angle in Degree with tolerance ± 2 degree15</p> <p>21. Maximum Reverse Trendlenburg Angle in Degree with tolerance ± 2 degree15</p> <p>22. Clearance between Bed Base frame and Floor surface in mm150</p> <p>23. Length of bed in mm with 2% tolerance 2100-2200</p> <p>24. Width of bed in mm with 2% tolerance 950-1000</p> <p>25. Electric Shock Protection level- Class-B/class-1NA for handle operated</p> <p>26. The product should be made in India/BIS/US FDA approved product.</p> <p>27. Warranty 2 yrs</p>
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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.

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 have been signed with seal of firm by bidder/authorized signatory? Have submitted the Scanned copy (PDF format) of the technical proposals on e-Procurement Portal?		
2.	Have submitted the Company Registration & associated Documents on e-Procurement Portal?		
3.	Have submitted copy of PAN, GST, TAN Registration etc. on e-Procurement Portal?		
4.	Have submitted EMD and TENDER+ E-Service charges on e-Procurement Portal?		
5.	Have all the pages of proposal (Technical Proposal) been properly numbered and signed by authority/ authorized person only?		
6.	Have you checked the eligibility Criteria and Submitted the relevant documents as proof on e-Procurement Portal?		
7.	Have submitted the authority letter for signing the proposal on behalf bidder on e-Procurement Portal?		
8.	Have submitted the authority letter for use of digital signature on e-Procurement Portal?		
9.	Have submitted the Notice Inviting Quotation with schedule and disclaimer		
10.	Have submitted the Instructions to Bidders		

Sr. No.	Content	Document Submitted (Yes/No)	Page Number as per numbering given to the technical bid documents uploaded on the portal (If Applicable)
11.	Have submitted the Terms and Condition as per Annexure - I		
12.	Have submitted the Details of Bid Submission as per Annexure - III		
13.	Have submitted the Organization Declaration Sheet as per Annexure - IV		
14.	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.		
15.	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		
16.	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.		
17.	Have submitted the Details of Electronic Fund Transfer/RTGS Transfer (Annexure VIII)		
18.	Have submitted the Manufacturer's Authorization Form (Annexure-IX)		
19.	Have submitted the Training Requirement (Annexure -X)		
20.	Financial Proposal Document (Annexure-XI)		
21.	Have submitted the Affidavit regarding Authenticity and correctness of information/documents as per Annexure - XII		
22.	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)
23.	Have submitted the Affidavit regarding completion of supply and installation & commissioning of Machine/Lab Equipments etc. in running condition within stipulated time frame as per Annexure - XIV		
24.	Have submitted the Technical supporting documents in support of all claims made at Annexure-II		
25.	Whether the TENDER document has been signed by bidder/authorized signatory and submitted on e-Procurement Portal?		
26.	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.		
27.	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.		
28.	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 undertaken 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/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 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/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 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 PALWAL OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT PALWAL OR ANY SCHEDULED BANK (OTHER THAN NATIONALISED BANK) SITUATED AT PALWAL. BONDS ISSUED BY CO-OPERATIVE BANKS ARE NOT AC-CEPTED.)

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

LETTER OF GUARANTEE

WHEREAS Shri Vishwakarma Skill University,Palwal (Buyer) have invited Tenders vide
TenderNo.: 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 Rupeesand this Guarantee shall expire no later than 60 days 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, Palwal on demand and without protest or demur Rupees

This bank further agrees that the decision of SVSU,Palwal(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, Palwal (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,
Palwal

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 a Xerox 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.:

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

Financial Proposal

To
The Registrar,
Shri Vishwakarma Skill University
Palwal, 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, Palwal 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 than bid shall not be accepted in any circumstances.

Signature:

Name:

Business Address:

.....

Affix Rubber Stamp:

Place:

Date:

Affidavit regarding Authenticity and correctness of information/documents

||SPECIMEN AFFIDAVIT||

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

To

The Registrar,
Shri Vishwakarma Skill University,
Dudhola, Palwal, 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, Palwal Haryana, on Technical Presentation day/date.

Affidavit regarding delisting/blacklisting, demobilization etc.

||SPECIMEN AFFIDAVIT||

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

To
The Registrar,
Shri Vishwakarma Skill University
Dudhola, Palwal, 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, Palwal, Haryana on Technical Presentation day/date.

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
Dudhola ,Palwal,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,Dudhola,Palwal, Haryana on Technical Presentation day/date.

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

Shri Vishwakarma Skill University (SVSU) Dudhola, Palwal, Enacted under Government of Haryana Act No.25 of 2016 having its office at Dudhola Palwal, 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, Palwal
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)