

## **Vendor Technical Pre-Qualification**

Sr No.	Criteria
1	Bidder must have a minimum of more than 10 years of experience in the supply of related products within the respective industry. .
2	Should have installed at least 50 machines at different educational / private / public institutions and organizations.
3	Authorized dealer/distributor certification from original equipment manufacturers.
4	Bidder/authorized dealers' OEM must be capable of providing supply, servicing, spare parts, technical assistance, and training, along with periodic technical updates, for a minimum of 5 years after the machine's supply.
5	The warranty period should be clearly 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. Annual maintenance charge (AMC) post-warranty period should be specified.

## **Technical Specifications**

AURIS Requisition Number: 2632

Machine Type: Ultrasonic Sealing Machine

Quantity: One (01)

Technical Criteria: The technical evaluation of all the proposals will be done in the following parameters:

1. Machine Details: Ultrasonic fabric sealing machine capable of sealing two or more layers of fabrics having suitable polymeric surfaces in contact, without the need of thread and sewing needles.
2. Ultrasonic sealing machine capable of cutting, sealing and embossing in one go.
3. Machine comprising both upper and lower rollers powered.
4. Both upper and lower roller speeds must be adjustable.
5. Machine must be foot pedal operated.
6. The ultrasonic generator must have a suitable cooling system/fan.
7. Roller materials: Die Steel (D2 or equivalent) having sufficient hardness to work suitably in ultrasonic welding conditions.
8. Ultrasonic power rating: > 2250 watts
9. Ultrasonic frequency: ~20kHz
10. Sewing width applicable: 5 — 60 mm
11. Applicable speed: 1-16 m/min.
12. The machine will require certain hardware modifications/upgrades to meet heavy-duty research requirements, which the tenderer is prepared to undertake.

13. Two rollers of suitable diameter to be supplied with machine for ultrasonic sealing leading to waterproof joint of PU coated fabrics:
  - i. 20 mm wide, and
  - ii. 30 mm wide
14. Suitable roller for ultrasonic sealing (stitching):
  - i. For surgical mask making with appropriate gaps between two joint locations.
  - ii. For ultrasonic sealing of dresses having continuous (leak proof) joint.
  - iii. All necessary maintenance oils, tools and equipment's to be supplied with machine

## Terms & Conditions

### **1. General Overview**

This document outlines the terms and conditions (T&Cs) that apply to the procurement of Ultrasonic Sealing Machine, which will be provided as part of this tender. All prospective suppliers must adhere to these T&Cs to participate in the tender process.

### **2. Submission Guidelines**

- i) Submission Deadline: Bids must be submitted no later than 21 days from publication on the Ahmedabad University Portal. Late submissions will not be accepted.
- ii) Submission Format: All tender submissions must be made through a sealed copy to the Procurement Office, Ahmedabad University, Gate No. 2, Commerce Six Roads, Navrangpura, Ahmedabad – 380009.
- iii) Tender Validity: The tender must remain valid for a minimum of 60 days from the submission deadline.

### **3. Technical Specifications**

- i) Product Requirements: Tenderers must provide an Ultrasonic Sealing Machine that meets the specified technical and performance criteria outlined in Technical Specifications Sheet (attached technical specification).
- ii) The Supplier is responsible for ensuring that all equipment and material are delivered in full working order and meet the specified technical requirements.
- iii) The Supplier shall also provide any necessary training, documentation, or additional services as stipulated in the tender.

### **4. Pricing and Payment Terms**

- i) Price Structure: The tender price must be inclusive of all costs, including but not limited to delivery, installation, training, and any other charges.
- ii) The bidder should submit an accessory one-year AMC proposal along with the commercial proposal.
- iii) Payment Schedule: The payment terms will be 30% advance payment and the remaining 70% against satisfactory delivery and installation.
- iv) Taxes: The price should be exclusive of any applicable taxes, which must be indicated separately.

### **5. Delivery and Installation**

- i) Delivery Timeline: The Ultrasonic Sealing Machine must be delivered within 8 weeks from the date of order confirmation.
- ii) Installation: The Supplier must be responsible for the installation of the Ultrasonic Sealing Machine at the Composites Laboratory or at the dedicated space as instructed by the University.

### **6. Inspection and Testing**

- i) Pre-Delivery Inspection: The Contractor must provide pre-delivery inspection and acceptance testing for the Ultrasonic Sealing Machine.
- ii) Post-Delivery Testing: Upon installation, the machine must undergo functional testing to ensure it meets the specified technical requirements.

- iii) Defects and Non-Conformance: If any defects or non-conformance to specifications are identified during testing, the tenderer shall correct them at their own cost.

#### 7. Training and Documentation

- i) Operator Training: The tenderer must provide on-site training on the operation and maintenance of the Ultrasonic Sealing Machine.
- ii) Documentation: The tenderer shall provide detailed user manuals, technical documentation, and maintenance guidelines in both hard copy and electronic format.

#### 8. Warranty and Support

- i) Warranty Period: The Ultrasonic Sealing Machine shall have a warranty period of 2 years from the date of installation.
- ii) Warranty Coverage: The warranty should cover repairs, parts replacement, and labour for any defects in materials or workmanship.
- iii) Service Level Agreement (SLA): The Contractor must provide an SLA for post-installation support, including response times for maintenance and repairs.

#### 9. Confidentiality

- i) Confidential Information: Both parties shall treat all information shared during the tender process and contract execution as confidential.

#### 10. Termination Clause

- i) The University reserves the right to terminate the Agreement without cause by providing 30 days written notice to the Supplier. In such cases, the University shall pay for any Goods delivered and accepted by the Buyer up to the date of termination.

#### 11. Dispute Resolution

- i) Any disputes arising out of or in connection with this Agreement shall be resolved through amicable negotiations between the parties.
- ii) If the dispute cannot be resolved through negotiations, the parties agree to submit the dispute to Arbitration in accordance with the rules of Arbitration and Conciliation Act 1996.

#### 12. Force Majeure

- i) Impact on Obligations: Neither party shall be held liable for failure to perform obligations under this contract due to force majeure events.

#### 13. Compliance with Laws and Regulations

- i) Legal Compliance: The Contractor must comply with all applicable laws, regulations, and standards governing the manufacture, delivery, and installation of the Ultrasonic Sealing Machine.
- ii) Environmental Compliance: The Ultrasonic Sealing Machine must meet environmental standards and regulations related to energy consumption, material disposal, and recycling.

#### 14. Governing Law

- i) Jurisdiction: This contract is governed by the laws of India, and any disputes will be resolved within the courts of Ahmedabad.