

## **Vendor Technical Pre-Qualification**

Sr No.	Particulars
1	Minimum 5 years of experience in the respective industry.
3	Authorized dealer/distributor certification from original equipment manufacturers.
4	Technical Support to be provided in Ahmedabad at Ahmedabad University if required.

## **Technical Specifications**

AURIS Requisition Number: 2630

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

Sr No.	Product	Specifications
1	<b>Simulia Portfolio for Composites</b>	<ol style="list-style-type: none"><li><b>1. Composite Material Design and Analysis</b><ul style="list-style-type: none"><li>- SIMULIA provides tools for engineers to design and analyze composite materials</li></ul></li><li><b>2. Manufacturing Process Simulation</b><ul style="list-style-type: none"><li>- SIMULIA software allows engineers to simulate the manufacturing process of composite materials, such as the layup process for fiber-reinforced composites.</li></ul></li><li><b>3. Damage and Failure Analysis</b><ul style="list-style-type: none"><li>- SIMULIA provides tools for simulating the initiation and propagation of damage in composite structures under different loading conditions.</li></ul></li><li><b>4. Multiscale Modeling</b><ul style="list-style-type: none"><li>- SIMULIA offers multiscale modeling capabilities, allowing engineers to simulate the behavior of composites across multiple length scales.</li></ul></li><li><b>5. Environmental Effects</b><ul style="list-style-type: none"><li>- SIMULIA software enables engineers to simulate the effects of environmental factors, such as temperature, etc., on the performance of composite materials.</li><li>- Python Integration for various studies.</li><li>- Parametric optimization capabilities</li></ul></li></ol>

2	<b>CATIA Portfolio for Composites</b>	<ol style="list-style-type: none"> <li>1. Early Conceptional modeling of Composites Parts</li> <li>2. Dedicated Composites Data Structure.</li> <li>3. Specification-driven, feature-based design solution</li> <li>4. Automatic plies definition from zones.</li> <li>5. Solid and IML generation from Zones &amp; piles</li> <li>6. Compliance with MBD and engineering drawings</li> <li>7. Full Associativity for quick design change.</li> <li>8. Concurrent engineering between Design &amp; Mfg.</li> </ol>
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The quantities of the licenses to be procured will be as follows:

Sr. No.	Description	Quantity.
1	SIMULIA Abaqus Non-Profit Research License	2
	<b><u>Includes:</u></b> Abaqus Extended Tokens (8 Nos.) Abaqus/CAE Associations Interface for CATIA VS (1 No.) Composites Modelar for Abaqus / CAE (1 No.)	
2	SIMULIA Abaqus for Education (Teaching: Suite)	30
3	CATIA V5 with Composite Modelling (Academic Licenses)	10
4	Online Learning Experience for CATIA V5 (for 3 years)	1
5	Online Learning Experience for SIMULIA Structures (for 3 years)	1

# **Terms & Conditions**

## **1. General Overview**

This document outlines the terms and conditions (T&Cs) that apply to the procurement of ABAQUS and CATIA software, 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. Tender Submission**

- **Submission Deadline:** Bids must be submitted no later than 21 days from publication on Ahmedabad University Portal. Late submissions will not be considered.
- **Format of Submission:** All tender submissions must be made with a sealed copy to the Procurement Office, Ahmedabad University, Gate No. 2, Commerce Six Roads, Navrangpura, Ahmedabad – 380009.
- **Bid Validity Period:** All submitted bids shall remain valid for a period of 60 days from the submission deadline.

## **3. Eligibility Criteria**

- **3.1. Qualifications of the Supplier:** The bidder must be an authorized distributor or reseller of the ABAQUS and CATIA software and must demonstrate the capability to deliver the software as per the specifications outlined in this tender.
- **3.2. Compliance with Legal and Regulatory Requirements:** The bidder must comply with all applicable laws and regulations regarding software distribution, intellectual property, and taxes.

## **4. Scope of Work**

- **4.1. Software Licensing:** The tender includes the provision of licenses for ABAQUS and licenses for CATIA.
- **4.2. Delivery:** The software must be delivered in a timely manner within 4 weeks.
- **4.3. Training and Support:** The successful bidder shall provide 3 training sessions for the end-users of the software. Additionally, the bidder shall offer support for a period of 36 months post-delivery.
- **4.4. Documentation:** The bidder must provide all necessary documentation, including but not limited to installation manuals, user guides, license agreements, and system specifications.

## **5. Pricing and Payment Terms**

- **5.1. Pricing:** The total price quoted must include all costs associated with the provision of the software, including licenses, shipping (if applicable), taxes, training, and support.
- **5.2.** The total price should be inclusive of all costs up to the installation at Ahmedabad University.
- **5.3** The bidder should also submit a yearly AMC cost separately along with the commercials.
- **5.3. Payment Schedule:** Payments will be made as follows:
  - 100% against satisfactory installation and training.
- **5.4. Invoices:** Invoices must include clear breakdowns of all costs and must be issued in accordance with the agreed payment schedule.

## 6. Intellectual Property Rights

- **6.1. License Grant:** The supplier shall provide a license to use the software in accordance with the applicable license agreement.

## 7. Software Updates and Maintenance

- **7.1. Updates:** The bidder must ensure that the software is up to date at the time of delivery. The bidder must also provide a mechanism for obtaining future updates during the term of the license without any additional costs to the University.
- Neither the full software nor any of its components shall require an annual licensing fee.
- **7.2. Maintenance Services:** The bidder must provide maintenance services to ensure the proper functioning of the software. This includes bug fixes, patches, and minor upgrades for the duration of the support period.

## 8. Confidentiality

- **8.1. Confidential Information:** Both parties agree to keep all proprietary and confidential information exchanged during the tender process and the course of the contract strictly confidential. This includes software specifications, license agreements, and any other information designated as confidential.

## 9. Warranty and Liability

- **9.1. Warranty:** The bidder must provide a warranty for the software for a period of 36 months from the date of installation. The warranty should cover defects in the software and any functionality issues.
- **9.2. Liability:** The supplier shall be liable for any damages arising from the failure of the software to perform as per the specifications, including but not limited to loss of data, system crashes, or downtime.

## 10. Indemnity

- **10.1. Indemnity Clause:** The supplier shall indemnify and hold harmless the purchaser from any third-party claims, including claims related to intellectual property infringement, arising from the use of the software.

## 11. Force Majeure

- **11.1. Force Majeure Events:** Neither party shall be held liable for delays or non-performance due to force majeure events, including but not limited to acts of God, natural disasters, strikes, or other circumstances beyond the control of the parties.

## 12. Dispute Resolution

- **12.1. Arbitration:** Any disputes arising out of or in connection with this tender or contract shall be resolved through binding arbitration under the rules of Arbitration and Conciliation Act 1996 in Ahmedabad.
- **12.2. Governing Law:** The governing law for this contract shall be Ahmedabad, Gujarat.

## 13. Termination

- Either party may terminate the contract by providing 30 days written notice to the other party.
- The purchaser reserves the right to terminate the contract in the event of a material breach by the supplier, including failure to deliver the software as specified or failure to meet the support requirements.

#### **14. Amendments and Modifications**

- **14.1. Changes to Contract:** Any changes to the terms of the contract, including changes to the scope of work or deliverables, must be made in writing and agreed upon by both parties.