



SCEI SYMBIOSIS CENTER FOR ENTREPRENEURSHIP AND INNOVATION

Technology Business Incubator, Funded by DST, Govt. of India

Registered Office: S.No. 46 Gram: Lavale, Taluka: Mulshi District: Pune, Maharashtra 412115. www.scei.org.in, ceo@scei.org.in,
Ph.No.+91-20-61936338, CIN: U80902PN2016NPL166553

TENDER NOTICE

T.E. No. SCEI/Tender/2025-26/03

Date: 07th March, 2026

To,

All the interested and eligible Vendors

Subject : Tender Enquiry for supply of "Advanced Multiphysics Simulation Platform for EV", at Symbiosis Centre for Entrepreneurship and Innovation(SCEI), Lavale, Pune 412115.

Dear Sirs/ Madams,

For and on behalf of the SCEI, sealed tenders are invited from all the interested and eligible firms for **supply of "Advanced Multiphysics Simulation Platform for EV", at SCEI, Lavale, Pune- 412115** as per requirements given in the Schedule of this document.

In case your firm is interested, you are requested to quote your lowest prices in an enclosed proforma in a sealed cover. The sealed cover containing the quotation should be super scribed **Quotation for supply of "Advanced Multiphysics Simulation Platform for EV", at SCEI, Lavale, Pune 412115"** and should be sent or handover to Accounts Department of SCEI, on or before **14th March 2026 latest by 15:00 hours**, which will be **opened on 16th March 2026 at 11:00 hours in Conference Hall of SCEI** in the presence of such tenderers who wish to be present. SCEI reserves the right to accept or reject any quotation / estimates without assigning any reason thereof.

It is mandatory to pay **Rs.2,000/-**(Rs.Two Thousand only) as Tender Document Cost, through NEFT/IMPS/Google pay or Demand Draft. We will mail you a Tender Document after receiving payment. After paying the document cost send the screenshot on accountsadmin@scei.org.in.

Bank details: Account Name- Symbiosis Centre for Entrepreneurship and Innovation. **A/c No. –** 6471394765. (Saving A/c). **IFSC –** IDIB000D007. **Bank –** Indian Bank, Deccan Gymkhana, Pune.

The sealed envelope must be accompanied by a Demand Draft/Pay order/ banker's cheque of Nationalized Bank for 2% amount of tender value which is **Rs.2,40,000/-** (Tender value is Rs.1,20,00,000/-) as earnest money deposit. The earnest money amount will be returned to the unsuccessful firm immediately after the award of the contract to successful bidders and the earnest money of the successful tenderer will be returned only after completion of the work to the satisfaction of the Purchaser. Unsolicited bids from parties not invited, if received, will be rejected.

Tendering firms fulfilling the requirements in this tender document are requested to quote their competitive lowest prices as per the requirements given in the attached schedule I.

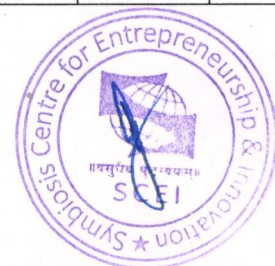
Yours faithfully,

Dr.Sapptarishi Ghosh
Chief Executive Officer



(Give quotation on your letterhead)

T.E. No. SCEI/Tender/2025-26/03 Date: 07/03/2026				
Schedule I : Bill of Quantities				
“ADVANCED MULTIPHYSICS SIMULATION PLATFORM FOR EV”				
Kindly refer “ Annexure-A” for detailed Technical Specifications & License allocation purpose.				
Sr. No.	Particulars	Specification	Qty. (Nos.)	Rate (Rs.)
01	Program Objective	The platform shall support enterprise grade Multiphysics simulation platform intended for Electric Vehicle (EV) organizations, start-ups & incubators. The solution shall provide an integrated digital engineering workflow enabling concept development through production validation.		
02	Startup License Configuration (Embedded Quantities)	The startup configuration shall include the following minimum quantities per physics domain: Structural & Mechanical Simulation :- <ul style="list-style-type: none">• 2.1.1 Structural Analysis Capabilities• 2.1.2 Advanced Material Modeling• 2.1.3 Contact & Nonlinear Capabilities• 2.1.4 Explicit Dynamics• 2.1.5 Composite Modeling		
03	Computational Fluid Dynamics (CFD) & Thermal Simulation	<ul style="list-style-type: none">• 3.1 Flow Modeling• 3.2 Heat Transfer Modeling• 3.3 Multiphase & Species Modeling• 3.4 Moving & Deforming Mesh• 3.5 Numerical & Parallel Capabilities		
04	Electromagnetics & Electric Powertrain Simulation	<ul style="list-style-type: none">• 4.1 High-Frequency Electromagnetics• 4.2 Low-Frequency Electromagnetics• 4.3 Motor & E-Powertrain Simulation• 4.4 PCB Signal & Power Integrity• 4.5 Electro-Thermal Coupling• 4.6 Circuit & System-Level Simulation		
05	Optimization & Design Exploration	Optimization & Design Exploration		
06	Geometry and Preprocessing Capabilities	Geometry & Preprocessing Capabilities		
07	EV Application Mapping	EV Application Mapping		
08	Digital Builder Platform (System Architecture & Digital Twin Environment)	System Architecture Modelling <ul style="list-style-type: none">• Multi-Physics Digital Twin Creation• System Optimization & Workflow Automation• EV-Specific Digital Builder Applications		



09	Electronic Cooling & Thermal Component Library	<p>9.1 Electronic Cooling Library Requirements The platform shall include a comprehensive pre-validated database containing:</p> <ul style="list-style-type: none"> • Heat Sink Library • Fan & Blower Library • Thermal Interface Materials (TIM) • Cold Plate Library <p>9.2 Power Electronics Cooling Library 9.3 PCB Cooling Features 9.4 Advanced Electronic Cooling Capabilities</p>		
10	Integrated Electro-Thermal-Mechanical Coupling	Integrated Electro-Thermal-Mechanical Coupling		
11	HPC & Scalability Requirements	HPC & Scalability Requirements		
12	NX Mach Series Bundle	NX Mach Series Bundle		
13	Synchronous Technology	Synchronous Technology		
14	Realize Shape Subdivision Modeling	Realize Shape Subdivision Modeling		
15	Convergent Modeling Capability for Industrial Design, Styling & Surfacing	Convergent Modeling Capability for Industrial Design, Styling & Surfacing		
16	VeSys Suite of Wiring & Harness Design	VeSys Suite of Wiring & Harness Design		
17	License Validity	24 months + 6 months (Free Period)		
18	License Allocation	<ul style="list-style-type: none"> • 2 Enterprise Structural Solver Licenses • 2 Explicit Dynamics Solver Licenses • 2 Multi-Body Dynamics Licenses • 2 Particle / DEM Solver Licenses • 2 Acoustic / NVH Analysis Licenses • 2 Optimization Licenses (AI-enabled + Enterprise) • 4 HPC Scalability Packs • 1 High-Core Explicit Acceleration License (Equivalent to 256-core scaling) 		
Total Amount				

Note: All specification parameters are variable and it may change according to brand specification.



TENDER SCHEDULE

Please Note : All bid related activities(Processes) like sale of Tender Document, Bid Preparation, Bid submission will be governed by the time schedule given under key dates below:

Sr.No.	Activities	Date and Time
1	Tender Notice	7th March 2026 at 16:30 hours (4:30 PM) on the SCEI website-(www.scei.org.in) and on the Symbiosis Society website (www.symbiosis.ac.in)
2	Sale of Tender Document	7th March 2026 onwards. SCEI will send it by mail.
3	Submission of Bid	On or before the 14th March 2026 latest by 15:00 hours (3 PM). : Accounts Department – SCEI
4	Bid Opening	16th March 2026 at 11:00 hours (11:00 AM) in Conference Hall of SCEI

