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**Date:** 04.05.2023.

**PROCUREMENT DOCUMENTATION**  
**Call for tender/for delivery of offers for:**  
**Software for 0D/1D analysis of thermal, electrical and mechanical**  
**behaviour of electric batteries**  
Procurement No. 31

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## 1. CUSTOMER DETAILS

Company: Rimac Technology d.o.o.  
Address: Ljubljanska 7, 10 431 Sveta Nedelja, Croatia  
Personal identification No: HR70036017051  
Internet address: [www.rimac-technology.com](http://www.rimac-technology.com)  
E-mail: [hrvoje.matus@rimac-technology.com](mailto:hrvoje.matus@rimac-technology.com)  
Phone: +385 91 3338 478  
Fax: N/A

## 2. DETAILS ON CONTACT PERSON FOR COMMUNICATION WITH SUPPLIERS

Communication and any other information exchange between Customer and Bidder will be done only via e-mail. All questions and requests for explanations can be sent via e-mail at: [hrvoje.matus@rimac-technology.com](mailto:hrvoje.matus@rimac-technology.com)

Customer is obliged to respond on request for additional information and give further explanations only when they have been sent via e-mail to address specified above. For equal treatment of all Bidders answers on requests will be published, regardless which Bidder have sent starting request or question.

## 3. DESCRIPTION OF THE PROCUREMENT SUBJECT AND GENERAL TECHNICAL SPECIFICATIONS

Rimac Technology is implementing a project planned under Operative Program Competitiveness and Cohesion 2014-2020 funded by the European Regional Development Fund.

Rimac is implementing a project planned under Operative Program Competitiveness and Cohesion 2014-2020 funded by the European Regional Development Fund.

For the purposes of project implementation, the Company is procuring: **Software for 0D/1D analysis of thermal, electrical and mechanical behaviour of electric batteries. Optimization capabilities should be part of the software. Also, detailed modelling of electro-chemistry of battery cells needs to be one of the capabilities. We are looking for following number of licenses with the following duration and capabilities:**

**6 licenses of 0D/1D simulations software: 18.05.2023. – 15.12.2024.**

- Flow/Thermal simulations
- Acoustics simulations
- Mechanical simulations
- Electromagnetic simulations
- Chemistry simulations
- Controls simulations
- 3D CFD and 3D FE simulations

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### **3 battery modelling 0D/1D software: 18.05.2023. – 15.12.2024.**

- Aging prediction
- Performance prediction
- Safety prediction
- Full vehicle model integration

The Bidder can apply and deliver offer for both subjects of this Procurement or only for one.

More detailed specification for the Software for 0D/1D analysis of thermal, electrical and mechanical behaviour of electric batteries will be shared with the Bidder upon a signed Non-Disclosure Agreement (NDA) since they are regarded as Customer's intellectual property.

Detailed specifications will be available to abovementioned bidders in the following manner:

1. Personal meeting at Rimac Technology d.o.o. facilities (Ljubljanska 7, 10 431 Sveta Nedelja, Croatia) or
2. In electronical manner (e.g. conference call, Skype call, etc.) latest 3 days prior to the application deadline, of which official minutes will be taken with the purpose of assuring equal treatment of all bidders.

#### **4. EVALUATION CRITERIA**

Criteria for a selection of the Bidder is the lowest price.

#### **5. DEADLINE AND PLACE OF DELIVERY**

Delivery will start after signing the contract. Detailed delivery deadlines will be defined by contract signed with the best Bidder. Place of delivery is Ljubljanska 7, 10431 Sveta Nedelja, Croatia.

#### **6. PREPARATION AND DELIVERY OF OFFERS**

Offers must be delivered in Croatian or English language and Latin alphabet. While drafting the offer, Bidder must follow requirements and conditions set in this Procurement Documentation.

The offer must contain at least:

1. Full name of the Bidder, its address and name of the contact person
2. Detailed description of the goods, in line with the call
3. Financial offer in € (Euros)
4. In case of subcontractors all relevant data on:
  - scope of work to be subcontracted
  - financial value and percentage of such works against total works and total value
  - subcontractors name, registered office, national identification number and legal representative

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5. In case of consortium:

- scope of work of each member of the consortium
- liability of each member
- main contact person and team leader
- all members' name, registered office, national identification number and legal representative

The offer must be submitted in electronic form via e-mail address provided in Point 1 of this Document for delivery of offers.

## 7. APPLICATION DEADLINE

Application deadline is 16.05.2023.

All bids received by 10:00 AM Central European Time (GMT + 2) will be considered.

## 8. VALIDITY OF OFFERS

The offer must be valid at least 60 days after application deadline.

## 9. SELECTION OF THE BEST OFFER

Deadline for evaluation and decision making on the best offer is 10 working days after application deadline. All Bidders will be informed on decision in that period.

After the best offer is selected, the Customer and the selected bidder will sign an agreement (contract) for delivery of goods.

## 10. POTENTIAL CHANGES OF CONTRACT

Due to the nature of this project, there is a chance that scope of work, specifications and delivery deadlines might change.

In abovementioned case, both contractual sides must agree on changes, approve them, and sign an Annex to the original contract.

In abovementioned case, Rimac Technology d.o.o., as an EU-funds beneficiary, will instantly notify designated Intermediary body lv.1 and Intermediary body lv.2 in relation to these changes.