

## DOCUMENT

## VPP-R&D-0027-5-S SK22001

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Procurer

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## INVITATION TO TENDER – MESHER FOR CDF

The specification of the subject of the contract is given at the end of the document.

### Subject

The subject of the contract is the additive technology – mesher for CFD.

### Type of contract

Service.

### Location of contract subject

Sokolovská 70, 934 01 Levice, Slovak Republic  
Plant Nr. 2

### Division of contract subject

Contract is not possible to divide. We require an offer for the delivery of entire subject without variant solutions.

### Payment conditions

Invoices are due in 30 days.

### Bid evaluation criterion

The lowest price in € without VAT. The successful bidder will be notified about tender acceptance. Total price will be calculated including mesher maintenance (if any) for 5 year depreciation period.

Explicitly 3 scenarios could occur:

- 1) software has onetime perpetual licence X, so total price = X
- 2) software has first onetime payment X, but also some maintenance per year Y is required for properly function. In this case total price = X + 5Y

3) software has only maintenance per year Y possibility. In this case total price = 5Y

### Implementation

The required performance date is within 1 months of contract signing.

### Deadline for tender submissions

Bids can be submitted until 24.06.2022 12.00 hours. Bids should be sent electronically to [igor.istenes@roez.sk](mailto:igor.istenes@roez.sk) or [tomas.kovac@roez.sk](mailto:tomas.kovac@roez.sk). The tender evaluation is not public and tenders received after deadline will be not included in the evaluation process.

### Others

Estimated time for contract signing with best bidder – 5 days until evaluation. Procurer reserves the right to reject all tenders submitted and to cancel the market research. Bidder agrees to the conditions set by procurer in the framework of the market investigation.

### Contract subject specification

#### Mesher for CFD

Our company use CFD software OpenFOAM. Software is opensource, but for higher productivity / mesh quality we need commercial mesher with GUI. We need mesher with following requirements:

- Simple GUI, mesher should accept one of following input format: stl, step or scdoc
- Easy mesh implementation into OpenFOAM,
- Version for LINUX – UBUNTU20+ is necessary,
- Floating licence is necessary (software could be used at few computers during day, of course licence will be running only on one PC at a time)
- Structured or unstructured mesh