

DOCUMENT

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Procurer

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INVITATION TO TENDER – SLS 3D PRINTER

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 – SLS (Selective laser sintering) 3D printer.

Type of contract

Goods and 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.

Notice: pre-processing software maintenance (if necessary yearly paid licence) price have to be showed in quotation separately. Total price will be calculated including pre-processing software for 6 year depreciation period (explicitly, if expenses for equipment will be X and for one year maintenance Y, total price = X + 6Y.

Implementation

The required performance date is within 3 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 or 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

SLS (Selective laser sintering) 3d printer

- Closed compact system in a box, without the need for separate room.
- Print volume at least 6L, minimum height 250mm in one axis.
- Printing material powder, without support requirements.
- Safety, without requirement for eye / respiratory protection during equipment operation of operator or other staff. We accept respiratory requirement only for print preparation or print finish – removal of printed parts.
- Possibility to print: Nylon.
- 400V, 3 phase system or 230V 1 phase (both variants acceptable)
- Training of at least 5 people to the level required for normal operation of the equipment
- Pre-processing software have to be included
- Dimensional accuracy of printed parts < 0,2 mm
- Nonstop printing possibility
- Automatic and safe automatic cleaning station of printed model with recycling function and reuse of material have to be included (as printer part, or standalone device)
- Delivery have to be including powder material (nylon) for training and initial operation of 10kg (or the next higher quantity)
- Delivery have to be complete, including all possible additional equipment if necessary (compressor, vacuum cleaner, shielding gas, filters, etc.). After plug in and initial adjustment it should be possible to work and produce prints in “standard SLS quality” (precise parts, with slightly rough surface same in all faces – horizontal and vertical)