

Based on Norway grants Program “Business Development and Innovation Croatia” for financing project “Going bio: Investment in new production equipment to develop greener product” and in accordance with the Procurement procedure for Entities not subject to Public Procurement Act, Contracting Authority KRISTALNA IDEJA d.o.o. publish

TENDER ANNOUNCEMENT
for the acquisition of 3D equipment



Procurement number 2022/340843 - 01

1. General Information

Contracting Authority KRISTALNA IDEJA d.o.o. is implementing the project “Going bio: Investment in new production equipment to develop greener product”, granted by Norway Grants Program “Business Development and Innovation Croatia” and have to aim to buy 3D technology for the production of product casings.

The tender procedure will be held in accordance with the Procurement procedure for Entities not subject to the Public Procurement Act by the publication of the procurement notice which is available at the web page www.crystal-idea.com.

The announcement of the Procurement Notice (Tender Announcement). Procurement of works, goods, and services, where the estimated value of procurement is between EUR 20.000 and EUR 60.000.

In accordance with the Procurement procedure for Entities not subject to Public Procurement Act, Contracting Authority have obligation to act with the principles of avoiding conflicts of interest. This understanding is that persons involved in implementation and management, including acts preparatory thereto, audit or control shall not take any action which may bring their own interests into conflict. Where such a risk exists, the person in question has to be excluded from any action which could be in conflict of interest. Conflict of interest exists also in situations where the process are included family and related companies.

Contracting Authority Kristalna Ideja d.o.o. announce that there are no related companies.

Contracting Authority announce that there is no other company which could be in conflict of interest in this tender procedure.

Information on Contracting Authority:

- **Name:** KRISTALNA IDEJA d.o.o.
- **Address:** 4. Gardijske brigade 43, 21000 Split
- **Country:** Croatia
- **VAT ID:** 36016267216
- **Web:** www.crystal-idea.com
- **Responsible person:** Inga Kovačić Sindik

Information on contact person:

- **Name:** Andrea Jakus
- **Mail:** project@crystal-idea.com

All communication will be held by mail.

2. Procurement subject information

The subject of this procurement is 3D technology including:

- 3D printers - Quantity: 4
- 3D scanner - Quantity: 1
- 3D printing pen - Quantity: 2
- Employee education - Quantity: 1

The procurement subject includes equipment delivery and installation.
Offered Equipment has to be new.

3. Estimated tender duration

Tender start date: 16.01.2023.

Tender end date: 31.01.2023.

Any tender received after the end date will not be considered.

4. Technical specifications

1) Technical specification for 3D printers.

- 3D printing technology: Precipitation hardening technology (FFF/FDM)
- Number of extruders: 2
- Working volume: Single Extruder Print: 300 × 300 × 605 mm / Dual Extruder Print: 255 × 300 × 605 mm
- 3D printing resolution: 0.01 – 0.25mm (standard nozzle 0.4mm)
- Nozzle operating temperature: Maximum 300°C
- Supported materials: PLA, ABS, ABS+, ASA, PVA, HIPS, TPE, PETG, Nylon, PP and similar

2) Technical specifications for the 3D scanner.

- 3D scanner technology: Structured light technology
- Scanning method: Automatic scanning with a rotary table
- Accuracy: ≤0.05 mm
- Area of one scan: at least 300 x 150 mm
- Appropriate software included

3) 3D printing pen.

- 3D printing technology: Precipitation hardening technology (FFF/FDM)
- Filament types: ABS, PLA

4) Employee education for 3D printing.

5. Warranty

The warranty has to be at least 24 months after the installation of the 3D printer and 3D scanner and at least 12 months for the 3D pen. The tenderer has to be ready to react within 24 hours after the service request. The warranty has to be supported in either English or Croatian language and the service company/partner has to be capable of effectively communicating in English or Croatian language, to avoid possible misunderstanding.

6. Delivery

The place of delivery will be the address of Kristalna Ideja d.o.o. company: 4. Gardijske brigade 43, 21000 Split, Croatia.

Delivery has to be within 45 days after the Purchase Contract signing.

7. Offer (bid)

The offer must consist Offer letter and include all subjects of this procurement.

The offer price is unchanged for the duration of the contract. It includes all costs and discounts, and it is final.

- Prices must be quoted in euros (EUR).
- The price is expressed in figures.
- All costs and discounts are included in the price.
- It is necessary to state the unit prices for each item of the Tenderer's offer and the total cost without value-added tax (VAT).
- Offer price needs to be quoted in the following manner: with VAT excluded, VAT amount and total price with VAT rounded to two decimal places.
- If the Tenderer is not in the VAT system, then in the place envisaged for entering the price with VAT included he writes the same amount that is entered in the place foreseen for the price without VAT, and the place to enter the VAT amount leaves blank or is entered 0.

The offer is made in a way that makes it whole. If due to the scope or other objective circumstances of a bid cannot be made in a way that it is a whole, then it is made in two or more parts.

Parts of the offer such as catalogues are marked by the name and quoted in the contents of the bidding as part of the offer/bid. If the bid is made from several parts, the Tenderer must state in the content of the bid how many parts of the bid it consists of.

Corrections in the offer must be made in a way that they are visible. The corrections must be confirmed by the signature of the Tenderer on the date of the correction date.

Tenderers must submit their tenders either in English or Croatian.

The validity period of the offer is a minimum of 45 days.

8. Selection and Award Criteria

The award will be based on the **Most Economically Advantageous Tender (MEAT)**, including:

- P - Price: Valued with 70% of total assessment and calculated as = price offer / average price offer
- DT - Delivery Time: Valued with 15% of total assessment and calculated as = offered delivery time in days / 45 days
- W1 - Warranty for 3D printer and 3D scanner: Valued with 10% of total assessment and calculated as = 36 months / offered warranty period
- W2 - Warranty for 3D pen: Valued with 5% of total assessment and calculated as = 24 months / offered warranty period

Selection formula:

$$\text{MEAT} = [(P/\text{average price}) * 70\%] + [(DT/45) * 15\%] + [(36/W1) * 10\%] + [(24/W2) * 5\%]$$

The lowest MEAT will be Awarded.

If two or more Tenderers have the same MEAT, the advantage will have the one who sent the complete offer first.

9. Tendering

Offer delivery

Tenderers have to deliver offers with an Application Form in Appendix and a document which proves compliance with the Tender request. Tenderers have to apply prices with and without VAT.

In case of additional questions, Tenderer should send them in writing to Kristalna Ideja d.o.o., 4. Gardijske brigade 43, 21000 Split, Croatia or by e-mail: project@crystal-idea.com at least 3 days before the deadline for submission of tenders. The Contracting Authority must reply to all tenderers' questions at least 24 hours before the deadline for submission of tenders.

Deadline for submission of tenders

The deadline for submission offer is January 31st 2023, Croatia local time by e-mail: project@crystal-idea.com.

The e-mail subject should be: “3D procurement offer”.

Any tender received after this deadline will not be considered.

Kristalna Ideja d.o.o. will analyse submitted offers and contact chosen tenderer within 10 working days after the submission deadline.

Final payment

Final payment has to be after signing acceptance from Kristalna Ideja d.o.o. Acceptance will be after all activities are completed by the Tenderer. The final payment can not be less than 10% of the offer.

Language of the procedure

All communications for this tender procedure and contract must be in English.