

## 1) Identification of the contracting authority

CRYTUR, spol. s r.o.  
Na Lukách 2283  
511 01 Turnov  
IČO: 25296558

Contracting authority representative: Dr. Jindřich Houžvička, Executive director  
Tel: 481 319 511, fax: 481 322 323  
Contact person: Kristýna Titlbachová, tel: +420 481 319 529,  
e-mail: [Kristyna.Titlbachova@crytur.cz](mailto:Kristyna.Titlbachova@crytur.cz)

## 2) Exact specification of the object of the contract and requirements of the contracting authority

Name of the competitive tender: CNC controlled machine (further CNC Machine)

The object of the contract is the supply of CNC machine with the following parameters and components:

- The machine must comply with the precision and rigidity of the optical industry standard
- Axis X, Z fully controlled by software
- Min. height of workpiece 10 mm max. 100 mm
- Min. instrument distance from table (s) 250 mm
- Min. workpiece diameter. 30 mm
- Tool turns 0 - 5000 rpm – fluent; Power of spindle motor at least 4kW
- Workpiece turns 0- 500 rpm - fluent
- At least one of the rotary movements (machine or tool) must allow both directions of rotation.
- Clamping table with vacuum clamping of workpieces from 30 mm to 200 mm
- Accuracy of the X and Z axes min. 0,001 mm
- Guaranteed flatness of product Ød = 200 must be min. 0.001 mm
- Possibility of tool tilt adjustment to achieve flatness
- Optical or tactile workpiece height measurement, accuracy of at least 1 µm
- Mechanical measuring of instrument length, accuracy of at least 1 µm
- SW contains programmable conversion factor of tool loss
- Detection of resistance / pressure between tool and workpiece
- Machine collision detection (machine destruction protection)
- Cooling of the tool both internal and external, with control and monitoring on the control panel
- Cooling of the technology with control and monitoring on the control panel
- The offer includes a closed cooling system for machine elements.
- The dimensions of the machine must not exceed 2200x2000x2500 mm
- The accompanying documentation must be completely in the Czech language
- The control system must operate in the Czech language
- The offer shall include the commissioning of the machine, including demonstration of the required accuracy (to be performed on the same test samples as for the machine / tool tests)
- The offer must include transport, installation and training of the operator and maintenance of the machine. The warranty must last 24 months at least
- HSK 63 tools and fixtures will be included in the offer



All components must be new. The complete delivery will be carried out at the designated premises of CRYTUR, spol. s r.o. in Turnov. Variant offers are not allowed.

### 3) Expected value of the contract

Expected value of the contract is 4 059 000,- CZK, excluding VAT.

### 4) Time and place of performance of the contract

The complete delivery will be carried out at the designated premises of CRYTUR, spol. s r.o. in Turnov. The expected delivery date for a complete contract is less than 7 months after signing of the contract and by launching order for machine, but not later than on June 25<sup>th</sup>, 2020, in full compliance with project completion on 30<sup>th</sup> June, 2020.

### 6) Terms and requirements for bid processing

a) Cover letter with a bid including the VAT specification (if VAT is relevant) and an overview of the technical requirements and their fulfillment.

b) Contract draft for the execution of the contract signed by the authorized person. The contract draft is an integral part of the tender dossier.

The offer must be prepared either in Czech or English and presented in one paper copy and one electronic copy on a multimedia medium in the form of PDF files signed by an authorized person. The offer must be delivered in a sealed envelope by the due date, either by registered post or personally, to the head office of the company. The envelope must be marked with the address of the Contracting Authority, the address of the tenderer and must be clearly marked with the words "Do not open – Tender for delivery of CNC machine".

### 7) The method of processing the bid price

The bid price will be listed as CNC machine, transport, installation, commissioning and training of the operator.

The price will include all the costs necessary for the orderly, complete and quality performance of the subject matter, including all risks and effects related to the performance of the subject matter. The bid price must also include insurance, guarantees, taxes, duties, fees, inflationary influences and any other expenses necessary to implement the contract. The bid price is final and it is not allowed to increase it during the execution of the contract (it might be increased only if the VAT rate is changed legally).

The total offer price will be in Czech crowns or EUR or USD broken down by price excluding VAT, VAT and total price including VAT (if VAT is relevant).

### 8) Criteria and method of assessment

The bid price is the only 100% rating criterion.

#### Offer rating key:

#### **Offer price (up to 100 points in total):**

Maximum of 100 points will be awarded with the lowest bid, other bids will be further evaluated using the following formula:

$$\text{Number of Points} = 100 * (\text{Best Offer} / \text{Rated Offer})$$



# TENDER DOCUMENTS



EVROPSKÁ UNIE  
Evropský fond pro regionální rozvoj  
Operační program Podnikání  
a inovace pro konkurenceschopnost

## 9) Opening bids

Envelopes with offers will be open on December 17<sup>th</sup>, 2019 at 8 pm at the company headquarters. On the same day, a formal bid page will be reviewed and all parameters evaluated.

In accordance with Government Regulation No. 172/2016 Coll., in this case, bidders who submitted tenders within the deadline for submission of the tenders have the right to participate in the opening of envelopes with tenders by the date specified in this point.

## 10) Time limit and place for submission of tender

Offer envelopes must be delivered by December 17<sup>th</sup>, 2019 at 8 pm by post or by CRYTUR's mailbox.

## 11) Requirements for bid variants

The Contracting Authority does not allow variants in one offer or additional performance beyond the requirements set out in this Tender Document.

## 12) Explanation of the terms and conditions

Tenderers are entitled to request a written explanation of the terms and conditions. The written request must be delivered to the Contracting Authority no later than 4 working days before the deadline for the submission of tenders. The Contracting Authority will send an explanation of the terms and conditions no later than 2 working days after receipt of the application.

The Contracting Authority may also provide an explanation of the terms of reference without prior request. An explanation of the terms and conditions, including the exact wording of the requirement, shall be published by the contracting entity on the profile of the contracting entity and shall be immediately notified in writing to all known candidates.

## 13) Other Terms

Pursuant to § 2e of Act No. 320/2001 Coll., on financial control in public administration, the selected supplier is a person obliged to cooperate in the performance of financial control.

The company declares that this tender procedure is not a public tender or public promise and it is not a PP carried out pursuant to Act No. 134/2016 Coll., On Public Procurement.

The contracting authority reserves the right to cancel the Tender. The Tender has been declared in the Czech language. In the case of discrepancies between the Czech and English versions, the Czech version is valid.

### Attachments:

1x Draft contract

1x Cover sheet of the offer

In Turnov, *15. 11. 2019*

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DIČ: CZ25296558

Dr. Jindřich Houžvička

Executive director