

Call to submit tenders in the mode of a small-scale contract within the implementation of the project of the contracting authority in the subsidy programme Country For the Future announced by the Ministry of Industry and Trade of the Czech Republic and co-financed by the European Union within the NEXT GENERATION EU.

The company MICRORISC s.r.o. (Ltd.), VAT: 25921681, with its registered office at Průmyslová 1275, 506 01 Jičín (hereinafter referred to as the "Contracting Authority" or "MICRORISC") as the contracting authority of the small-scale contract with the title and contract number specified below (hereinafter referred to as the "Price Inquiry") hereby **calls the Supplier to submit a tender and discloses the following facts:**

The aim of the project is to equip the MICRORISC Research and Technology Centre (hereinafter referred to as VTCM) with an SMT assembly line and other equipment for automated PCB assembly process and for automation of related processes (robotic separation line, programmers, testers, automation of storage processes). The project is phased; the technologies will be acquired gradually:

- SMT assembly (basic variant, 2023),
- Programmer / tester (2023),
- Robotic line for PCB separation and filling of blisters (2023/2024),
- Warehouse automation (2023/2024),
- SMT assembly (extension for full production, 2024/2025).

The individual equipment of successive technological steps of the line will be procured separately, i.e. not necessarily from the same supplier, not necessarily in the Czech Republic.

The specification ensuring the interoperability of these devices and meeting the needs of the contracting authority was prepared by the contracting authority according to a preliminary market and technical analysis of the solutions available on the market. Compliance with the binary criteria of the specification is thus a prerequisite for the inclusion of the suppliers' offers in a comprehensive assessment and evaluation by the contracting authority. Documentation preferred in Czech language, English will also be accepted.

#### **Requirements for the processing of the offer:**

- Tenders are required to be in writing in the form of a formal supplier tender document.
- All documents of the price offer and its annexes are required by the contracting authority in the form of a PDF file.
- The supplier shall indicate in his tender the contact person for the contract, telephone number and e-mail address.
- Place of delivery and acceptance of performance: VTCM (headquarters of the contracting authority).
- Tenders received after the deadline for the submission of tenders will not be evaluated.

#### **In the detailed breakdown of the quotation, it is required to indicate the quoted price itemised for:**

- **The price of the equipment** (the subject of the contract), broken down into the individual functional units of the equipment offered, if separable, including any duties, taxes and similar charges,
  - In the comprehensive evaluation of the tender, this item will have the highest weighting,
- **Installation costs** (installation services),
- **Training costs** (training),
- **Consumables and operating material for pilot operation,**
- **Price lists and discounts for further extensions and additions required in the text and for consumables and operating materials,**
- **Prices should be quoted without VAT in the currency of sale (CZK/EUR/USD).**

**Delivery term:** in the event of a delay in delivery of more than 30 calendar days, the contracting authority will require the transfer of any damages caused by the delay to the supplier by agreement in the purchase contract.

The price offer will be amended by product documentation of the offered equipment declaring technical parameters of the offered solution in Czech or English.

### Rules for evaluating tenders

**Binary criteria** – their fulfilment is a condition for the assessment and evaluation of the evaluation criteria.

**Evaluation of the tenders** – a committee composed of R&D and OPR department staff will **evaluate the tenders the offered solutions, also in relation to other equipment and processes of the customer within the overall designed system, payment and delivery terms will also be taken into account.**

The procurement procedure is governed by the General Part of the Rules for Applicants under the Operational Programme Country for the Future; the provisions of Act No. 134/2016 Coll. are not applied.

In the event of the need for additional clarification of the requirements of the Contracting Authority on the parameters of the requested solution, or further formal or other questions on the process of submission of the tenders, the supplier may submit a written question by e-mail to the contact person of the Contracting Authority (cff@microrisc.com). The written question or request for additional information must be received by the contracting authority no later than 4 working days before the deadline for submission of tenders. An explanation or additional information will be provided by the contracting authority without undue delay. The time limit for submission of tenders shall NOT BE EXTENDED by the time for providing additional information.

The contracting authority reserves the right to cancel this call for tenders at any time, even without giving any reason, and to modify during the deadline for submission of tenders, provided that such change is published immediately on the website of the Contracting Authority and that the deadline for submission of tenders is extended in proportion to the nature of the change.

Suppliers will be notified of the outcome, or cancellation, of the procurement procedure and of the possible exclusion of a tender by means of a communication from the contracting authority by electronic mail (email) under the contract reference indicated below, with an expected time limit for the selection of a supplier of 15 days.

<b>Contract reference designation</b>	<b>CFF-FX04030013_3175-E201</b>
<b>Subject of the contract</b>	<b>AUTOMATIC SMT PICK AND PLACE MACHINE</b>
<b>Quantity required:</b>	<b>1</b>
<b>Estimated equipment price</b>	<b>55 000 EUR</b>
<b>Contract type</b>	Supply of unused (factory new) equipment
<b>Date of publication of the call</b>	Date of publication on <a href="https://microrisc.com">https://microrisc.com</a>
<b>Project title</b>	Innovation in the development and production of electronic products
<b>Contracting authority</b>	MICRORISC s.r.o.
<b>Seat of the contracting authority</b>	Průmyslová 1275, 506 01 Jičín
<b>Person authorised to act for the contracting authority</b>	Vladimir Šulc, Ph.D., <a href="mailto:sulc@microrisc.com">sulc@microrisc.com</a>
<b>VAT of the contracting authority</b>	CZ25921681
<b>Contact person, phone and email of the contracting authority</b>	Jan Vašta, tel: +420 775 969 749, <a href="mailto:cff@microrisc.com">cff@microrisc.com</a>
<b>Deadline for submission of tenders</b>	15 calendar days from the date of publication
<b>Place for submission of tenders</b>	via E-mail to address <a href="mailto:cff@microrisc.com">cff@microrisc.com</a>

### Specification of the requested subject of the contract

The device assembles printed circuit boards (PCBs) with SMT components into a paste applied to the PCB.

#### Binary criteria

- In-line machine design,
- SMEMA interface,
- PCB dimensions 350x300mm (minimally),
- Assembling of QFN, CSP, BGA a 0201 (inch) components,
- speed of component assembly min 12 000 CPH (IPC),
- Number of feeders min 60 (8 mm positions),
- Feeder to be used for various packaging of parts, discs, bars, platens, pneumatic, electric, intelligent (IT),
- Automatic replacement of nozzles, magazine for at least 8 types,
- Minimum feeders configurations (the tender should be designed for this set of feeders):
  - Feeder 8mm wide, electric, step 4 mm and 2 mm, IT 15x
  - Feeder 8mm wide, step 4 mm, pneumatic IT 17x
  - Feeder 12 mm wide, pneumatic IT 5x
  - Feeder 16 mm wide, pneumatic IT 3x
  - Feeder 32 mm wide, pneumatic IT 2x
  - Vibrating feeder, min. 5 slots for tubes 1x
- Possibility of extension with additional storage tanks (specify prices of individual types of storage tanks),
- Optical Targeting,
- OS: MS Windows / Linux,
- Possibility to set up a new program on both machine and PC,
- Possibility to add tracing.
- The equipment must comply with European standards.

#### In the descriptive part of the tender, please specify

- Device connection to
  - Power supply,
  - Compressed air,
- References.
- Warranty period and service method and options.
- Payment terms.
- Binding delivery term.
- Guarantee of spare parts availability.