

Germany-Munich: Industrial machinery

OJ S 179/2022 16/09/2022

Contract notice

Supplies

**Legal Basis:**

Directive 2014/24/EU

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**Section I: Contracting authority**

**I.1. Name and addresses**

Official name: Technical University of Munich - Munich Institute of Robotics and Machine Intelligence (MIRMI)

Postal address: Arcisstraße 21

Town: Munich

NUTS code: DE212 München, Kreisfreie Stadt

Postal code: 80333

Country: Germany

E-mail: [f.wu@tum.de](mailto:f.wu@tum.de)

**Internet address(es):**

Main address: <https://www.mirmi.tum.de/mirmi/home/>

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://www.dtv.de/Satellite/notice/CXP4YK06DLZ/documents>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://www.dtv.de/Satellite/notice/CXP4YK06DLZ>

**I.4. Type of the contracting authority**

Body governed by public law

**I.5. Main activity**

Education

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**Section II: Object**

**II.1. Scope of the procurement**

**II.1.1. Title**

Custom Robotic System

Reference number: 037/2022

**II.1.2. Main CPV code**

42000000 Industrial machinery

**II.1.3. Type of contract**

Supplies

**II.1.4. Short description**

The Munich Institute of Robotics and Machine Intelligence (MIRMI) of the Technical University of Munich (TUM) has launched the first AI.FACTORY, KI.FABRIK in German, in Bavaria - as announced by the Bavarian government in its high-tech agenda. The KI.FABRIK Bayern aims to become a completely flexible and interconnected location for the local, crisis-safe, and profitable production of state-of-the-art IT and mechatronic high-tech components in Bavaria. One of the research topics in KI-Fabrik Project is to investigate the methods for optimizing the automation processes with the help of a central AI system. To fulfil this mission, two generic systems (modules) are designed by TUM researchers that are going to play a major role in this research. This document describes the specifications for the procurement of these systems denoted as "collective module" and "manipulation module". Fifty instances of the first module together with ten instances of the second module are planned to be purchased and implemented in KI-Fabrik labs. The providers or contractors are requested to prepare offers according to the necessary criteria and to submit them in the due time.

#### **II.1.5. Estimated total value**

#### **II.1.6. Information about lots**

This contract is divided into lots: no

### **II.2. Description**

#### **II.2.2. Additional CPV code(s)**

42000000 Industrial machinery

#### **II.2.3. Place of performance**

NUTS code: DE212 München, Kreisfreie Stadt

Main site or place of performance: Munich Institute of Robotics and Machine Intelligence (MIRMI) Georg-Brauchle-Ring 60-62 80992 München

#### **II.2.4. Description of the procurement**

The Munich Institute of Robotics and Machine Intelligence (MIRMI) of the Technical University of Munich (TUM) has launched the first AI.FACTORY, KI.FABRIK in German, in Bavaria - as announced by the Bavarian government in its high-tech agenda. The KI.FABRIK Bayern aims to become a completely flexible and interconnected location for the local, crisis-safe, and profitable production of state-of-the-art IT and mechatronic high-tech components in Bavaria. One of the research topics in KI-Fabrik Project is to investigate the methods for optimizing the automation processes with the help of a central AI system. To fulfil this mission, two generic systems (modules) are designed by TUM researchers that are going to play a major role in this research. This document describes the specifications for the procurement of these systems denoted as "collective module" and "manipulation module". Fifty instances of the first module together with ten instances of the second module are planned to be purchased and implemented in KI-Fabrik labs. The providers or contractors are requested to prepare offers according to the necessary criteria and to submit them in the due time.

#### **II.2.5. Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6. Estimated value**

#### **II.2.7. Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months: 4

This contract is subject to renewal: no

#### **II.2.10. Information about variants**

Variants will be accepted: no

#### **II.2.11. Information about options**

Options: no

#### **II.2.13. Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds:  
no

#### **II.2.14. Additional information**

### **Section III: Legal, economic, financial and technical information**

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#### **III.1. Conditions for participation**

##### **III.1.2. Economic and financial standing**

List and brief description of selection criteria:

Self-declaration of the total yearly turnover of the economic operator, based on the last three fiscal years.

### **Section IV: Procedure**

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#### **IV.1. Description**

##### **IV.1.1. Type of procedure**

Open procedure

##### **IV.1.3. Information about a framework agreement or a dynamic purchasing system**

##### **IV.1.8. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: no

#### **IV.2. Administrative information**

##### **IV.2.2. Time limit for receipt of tenders or requests to participate**

Date: 17/10/2022 Local time: 18:00

##### **IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates**

##### **IV.2.4. Languages in which tenders or requests to participate may be submitted**

German, English

##### **IV.2.6. Minimum time frame during which the tenderer must maintain the tender**

Tender must be valid until: 30/11/2022

##### **IV.2.7. Conditions for opening of tenders**

Date: 17/10/2022 Local time: 18:01

### **Section VI: Complementary information**

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#### **VI.1. Information about recurrence**

This is a recurrent procurement: no

## **VI.2. Information about electronic workflows**

Electronic ordering will be used  
Electronic invoicing will be accepted  
Electronic payment will be used

## **VI.3. Additional information**

Bekanntmachungs-ID: CXP4YK06DLZ

## **VI.4. Procedures for review**

### **VI.4.1. Review body**

Official name: Nachprüfungsstelle - Vergabekammer Südbayern

Postal address: Maximilianstraße 39

Town: München

Postal code: 80538

Country: Germany

E-mail: [vergabekammer.suedbayern@reg-ob.bayern.de](mailto:vergabekammer.suedbayern@reg-ob.bayern.de)

Telephone: +49 89-21762411

Fax: +49 89-21762847

Internet address: [https://www.regierung.oberbayern.bayern.de/ueber\\_uns/zentralezustandigkeiten/vergabekammer-suedbayern/](https://www.regierung.oberbayern.bayern.de/ueber_uns/zentralezustandigkeiten/vergabekammer-suedbayern/)

## **VI.5. Date of dispatch of this notice**

13/09/2022