

**Finland-Tampere: Laboratory, optical and precision equipments (excl. glasses)**

OJ S 76/2023 18/04/2023

Contract notice

Supplies

**Legal Basis:**

Directive 2014/24/EU

**Section I: Contracting authority**

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**I.1. Name and addresses**

Official name: Tampere University Foundation sr

National registration number: 2844561-8

Postal address: Tampere University

Town: Tampere

NUTS code: FI197 Pirkanmaa

Postal code: 33100

Country: Finland

Contact person: Arto Heikkilä

E-mail: [hankinnat@tuni.fi](mailto:hankinnat@tuni.fi)**Internet address(es):**Main address: <http://www.tuni.fi/en>**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/tuni?id=449897&tpk=d8c93128-ebd9-45dc-930b-58c6b5ddd25e>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/tuni?id=449897&tpk=d8c93128-ebd9-45dc-930b-58c6b5ddd25e>**I.4. Type of the contracting authority**

Other type: Higher education, University

**I.5. Main activity**

Education

**Section II: Object**

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**II.1. Scope of the procurement****II.1.1. Title**

Modular multifunction tribometer

Reference number: 449897, TAU/608/2023

**II.1.2. Main CPV code**

38000000 Laboratory, optical and precision equipments (excl. glasses)

**II.1.3. Type of contract**

Supplies

#### **II.1.4. Short description**

Tampere University Foundation sr (University of Tampere, TAU) is inviting tenders for 'Modular multifunction tribometer', hereinafter also 'Tribometer'.

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

Value excluding VAT: 240 000,00 EUR

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

This contract is divided into lots: no

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

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

NUTS code: FI197 Pirkanmaa

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

Tampere University, Engineering Materials Science has a strong strategic focus on evaluating material performance in different challenging environments at different length scales. Several professors and research groups are working on mechanics, wear of materials, and tribology, focusing on the characterization of material behavior as well as numerical simulations and predictions of materials performance and lifetime.

The versatile multipurpose tribometer will enable to cope with the future diverse tribological contact and loading situations with one piece of equipment. The facility will, e.g., enable scratch tests, reciprocating tests, and pin/ball-on-disc contacts at very high speeds and up to 1000°C. The system should be modular, so that the university can update it later. Research groups will test wear and tribological properties of all material groups, including metals, ceramics, polymers, composites, and coatings.

PHASING OF THE CALL:

- First phase of call ends May 15th 2023. At this time 70 of 100 points are taken into account when comparing tenders.

- Second phase of call concerns usability evaluation incl. customer references.

Top tenderer candidates after phase 1 (depending on the number of tenderers) will be included in phase 2.

Second phase is expected to be ending June 5th 2023 after which time contracting authority issues remaining 30 of 100 points.

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

Criteria below

Quality criterion - Name: Technical / Optional features of quality / Weighting: 25

Quality criterion - Name: Warranty / Weighting: 5

Quality criterion - Name: Usability evaluation (phase 2/2) / Weighting: 30

Price - Weighting: 40

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

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

Start: 01/07/2023

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: yes

Description of options:

Contracting authority (CA) requests information about several options and reserves the possibility to include options in final agreement when applicable.

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

The procurement is related to a project and/or programme financed by European Union funds:  
yes

Identification of the project: Procurement is funded directly by Academy of Finland - and indirectly by EU RRF Regulation (EU 2021/241 Recovery and Resilience Facility) .

### **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**

Selection criteria as stated in the procurement documents

## **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: yes

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

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

Date: 15/05/2023 Local time: 12:00

#### **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**

English

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

Duration in months: 3 (from the date stated for receipt of tender)

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

Date: 15/05/2023 Local time: 13:00

Place:

Tenders opened at Tampere University, not a public event.

## **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 invoicing will be accepted

**VI.3. Additional information****VI.4. Procedures for review****VI.4.1. Review body**

Official name: Markkinaoikeus

Postal address: Sörnäistenkatu 1

Town: Helsinki

Postal code: 00580

Country: Finland

E-mail: [markkinaoikeus@oikeus.fi](mailto:markkinaoikeus@oikeus.fi)

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

13/04/2023