

Finland-Tampereen yliopisto: Mass spectrometer

OJ S 90/2021 10/05/2021

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Tampere University Foundation sr

National registration number: 2844561-8

Postal address: Tampereen yliopisto

Town: Tampereen yliopisto

NUTS code: FI197 Pirkanmaa

Postal code: 33014

Country: Finland

Contact person: Antti Rostedt

E-mail: 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://hanki.tarjouspalvelu.fi/hanki?id=342280&tpk=ac74c1a5-8810-48c9-9849-5e63aaddab09>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://hanki.tarjouspalvelu.fi/hanki?id=342280&tpk=ac74c1a5-8810-48c9-9849-5e63aaddab09>

I.4. Type of the contracting authority

Other type: University Foundation

I.5. Main activity

Education

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Mass Spectrometer Based on Proton Transfer Reaction

Reference number: 342280, TAU/1041/278/2021

II.1.2. Main CPV code

38433100 Mass spectrometer

II.1.3. Type of contract

Supplies

II.1.4. Short description

Tampere University Foundation sr (Tampere University, TAU) is asking for tenders for a mass spectrometer based on proton transfer reaction according this call for tenders and its attachments.

The criteria of the acquisition have been described in more detail in the invitation of tenders.

II.1.5. Estimated total value

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

High resolution mass spectrometer based on proton transfer reaction (PTR-MS). The instrument must have a continuously operating atmospheric pressure inlet, mass resolution power of at least 10000, and it must be feasible for mobile use. Furthermore, the instrument weight must be less than 250 kg, and power consumption less than 2 kW. The mass spectra must be obtainable with time intervals of 1 s or less.

The Aerosol Physics Laboratory of Tampere University (<https://research.tuni.fi/aerosolphysics>) studies air quality as well as the emissions of engines, vehicles and traffic. The studies cover experimental measurements in engine and vehicle laboratories and in aerosol laboratory, on-road exhaust measurements of individual vehicles in real-world driving environment, roadside and on-road measurements in urban environment as well as modeling studies. The PTR-MS is used to expand the measurement capability to real-time chemical characterization of reactive trace gases. It will be used both in laboratory installations as well as with the aerosol mobile laboratory platform ATMo-Lab.

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

Start: 01/07/2021

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:

— option to measure ambient ions and can be connected to high pressure chemical ionization sources,

— the data analysis software with automatic chemical composition recognition library.

The contracting authority reserves the right not to purchase any of the offered options.

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 IV: Procedure

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: 14/06/2021 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: 14/06/2021 Local time: 13:00

Information about authorised persons and opening procedure: The opening of the tenders is not public.

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body

Official name: Markkinaoikeus

Postal address: Radanrakentajantie 5

Town: Helsinki

Postal code: 00520

Country: Finland

E-mail: markkinaoikeus@oikeus.fi

Telephone: +358 295643300

Internet address: <http://www.oikeus.fi/markkinaoikeus>

VI.5. Date of dispatch of this notice

05/05/2021