

Finland-Turun yliopisto: Laboratory, optical and precision equipments (excl. glasses)

OJ S 132/2021 12/07/2021

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: University of Turku

National registration number: 0245896-3

Postal address: Yliopistonmäki

Town: Turun yliopisto

NUTS code: FI1C1 Varsinais-Suomi

Postal code: 20014

Country: Finland

E-mail: procurement@utu.fi**Internet address(es):**Main address: <http://www.utu.fi>**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/hanki?id=356178&tpk=1a17b474-7b9e-4aa4-b86f-a5940c31ca84>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/hanki?id=356178&tpk=1a17b474-7b9e-4aa4-b86f-a5940c31ca84>**I.4. Type of the contracting authority**

Body governed by public law

I.5. Main activity

Education

Section II: Object

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

Broad Ion Beam Mill

Reference number: 23/02.05.01/2021

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

Broad argon ion beam mill suitable for preparing cross-sections and surface polishing of samples of various nature for scanning electron microscopy imaging (SEM), including elemental and structural analysis, such as X-ray spectrometry (EDS/WDS) and electron backscatter diffraction analysis (EBSD).

II.1.5. Estimated total value

Value excluding VAT: 220 000,00 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: FI1C1 Varsinais-Suomi

Main site or place of performance: Turku.

II.2.4. Description of the procurement

Specific mandatory requirements for the instrument

- The system must fulfill the following minimum requirements. Any (small) parts/items/software components required for fulfilling the overall functionality described must be included, such as sample positioning tools, even if not separately listed;
- The offer may only contain items that are finalised products, tried and tested and fully functional within the setup specified. Prototypes or other unfinished software components or hardware configurations or items not fully tested or found compatible with each other, may not be included in the offer, neither as options nor as items fulfilling the requirements. There has to be at least ten same production models (minor differences in configuration are allowed) delivered and in use;
- Necessary electronics and housing included, as well as computer software, if required;
- Installation on site. The final acceptance shall take place after installation and test runs (showing guaranteed specs promised) on site;
- Appropriate spare parts.

Appropriate set of tools and spares required for initial maintenance must be supplied with the instrument.

Technical

- dry vacuum system;
- ion acceleration voltage of at least 8 kV;
- cryogenic stage cooling using liquid nitrogen for thermally sensitive materials;
- cross-section holder capable for samples of at least 10 mm in width;
- holder for surface polishing, capable for samples of at least 30 mm in diameter and 15 mm in height;
- ability to rock the sample during ion milling;
- ability to rotate the sample during ion milling;
- compatibility with air-free sample transfer system from the ion mill to e.g. glove box as a user installable add-on later;
- adapter for mounting sample holders to Thermo Scientific SEM using pin stub compatible stage (max. total assembly height 55 mm).

Training for use, technical support and spare parts

- initial user training to Buyer's personnel with the ion mill and accessories in connection with the installation on site;
- advanced training on the ion mill and accessories for 4-6 persons;

advanced application training for the ion mill and selected accessories shall be given to buyer's personnel on site within 6 months after the installation. Advanced training shall be conducted in professional manner by the experts in field of the Supplier. The advanced training can be given either on site or remotely;

- all technical documents and manuals (complete set of drawings and manuals for installation, use and service) shall be delivered together with the System in the extent that it does not compromise the supplier's intellectual property;
- prices of user exchangeable spare parts must be included;
- the period of warranty must be at least 24 months. The warranty period starts when the device has been installed and confirmed in writing to be fully functional by the head of the Department of Physics and Astronomy.

Longer warranty times can be offered

Other

- descriptions and/or brochures of the products included;
- the supplier has to provide a possibility of analysing the buyer's test samples, at no costs to university, using methodology and instructions provided by the buyer prior to entering into the agreement;
- include a description of the supplier's maintenance and technical facilities and its measures for ensuring quality;
- the supplier guarantees that appropriate spare parts, service and maintenance for the goods are available to the buyer at reasonable prices and terms during the period of at least 10 years from the date of final acceptance of the contract;
- the supplier is requested to declare whether the production of the instrument offered is going to be closed down or whether the instrument is to be replaced by new models in the near future;
- provide pricing information for the optional air free transfer unit;
- the product must be delivered before 29 October 2021.

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

Value excluding VAT: 220 000,00 EUR

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

Duration in months: 12

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:

See optional air free transfer capability or unit information. In case not included into tender, the price must be informed separately. The price of this option is not part of price comparison, only as a part of quality criteria.

Other, following options are not part of price comparison so do not calculate them into total price:

Consumable items, such as:

— masks;

— recommended embedding compounds.
Options are at the sole discretion of University.

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

III.1. Conditions for participation

III.1.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions:
According to ESPD form.

III.1.2. Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3. Technical and professional ability

Selection criteria as stated in the procurement documents

III.2. Conditions related to the contract

III.2.2. Contract performance conditions

The winner is requested after a procurement decision to submit relevant ESPD-documents to prove all eligibility terms are fulfilled.

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: 13/08/2021 Local time: 13:00

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: 4 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 13/08/2021 Local time: 13:05

Place:

Turku.

Information about authorised persons and opening procedure: 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

07/07/2021