

330482-2026 - Competition

Finland – Laboratory, optical and precision equipments (excl. glasses) – Procurement for the Supply, Delivery, Installation and Commissioning of nanoindentation system

OJ S 92/2026 13/05/2026

Contract or concession notice – standard regime

Supplies - Services

1. Buyer

1.1. Buyer

Official name: Åbo Akademi

Email: upphandling@abo.fi

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2. Procedure

2.1. Procedure

Title: Procurement for the Supply, Delivery, Installation and Commissioning of nanoindentation system

Description: The Contracting Authority invites tenders for the supply, delivery, installation, commissioning, validation, and initial technical support of one nanoindentation system used for research laboratory activities in materials science. The proposed system will be used for high-precision mechanical characterization of hard materials such as alumina Al₂O₃, silicon carbide SiC, different types of minerals and composites, etc. as well as hard coatings. Experiments and services planned for the instrument include, but not limited in, advanced micrometer-scale nanoindentation, hardness/modulus mapping, creep testing, and related studies on ceramics and hard coating. The objective is to acquire robust and high-performance nanoindentation system that combines exceptional sensitivity and resolution with operational simplicity, intuitive software, and streamlined workflow.

Procedure identifier: b8d34125-019b-409e-87c5-dd3732caca72

Internal identifier: 612573

Type of procedure: Open

The procedure is accelerated: no

Main features of the procedure: Procurement Procedure – Open Procedure This procurement is conducted using the open procedure in accordance with Section 32 of the Finnish Act on Public Procurement and Concession Contracts (1397/2016). In an open procedure, any interested economic operator may submit a tender in response to this contract notice. There is no pre-selection or pre-qualification stage. All tenders received by the submission deadline will be evaluated. The procurement is carried out as a single-stage procedure. The contracting authority will assess: - the tenderers' suitability, - the compliance of tenders with the mandatory requirements set out in the invitation to tender, and - the tenders in accordance with the award criteria specified in the procurement documents. The contracting authority does not conduct negotiations with tenderers. Tenders shall be evaluated as submitted. The contracting authority may, however, request clarifications or supplementary information where permitted by procurement legislation, provided that this does not result in changes to the substance of the tenders and that all tenderers are treated equally. The contract shall be awarded to the tender that is either the lowest-priced or the most economically advantageous

tender, as defined in the invitation to tender and on the basis of the award criteria and their weighting indicated therein. The procurement procedure complies with the principles of transparency, equal treatment, non-discrimination and proportionality.

2.1.1. Purpose

Main nature of the contract: Supplies

Additional nature of the contract: Services

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

Additional classification (cpv): 50430000 Repair and maintenance services of precision equipment, 51430000 Installation services of laboratory equipment

2.1.2. Place of performance

Postal address: Tuomiokirkkotori 3

Town: Turku

Postcode: 20500

Country subdivision (NUTS): Varsinais-Suomi (FI1C1)

Country: Finland

2.1.3. Value

Estimated value excluding VAT: 250 000,00 EUR

2.1.4. General information

Additional information: Scope of Supply The successful tender shall provide: - One nanoindentation system - All required hardware, accessories, peripherals, and diamond tips (Berkovich standard + spares) - Anti-vibration table - Data acquisition and analysis software licenses - Delivery to site, installation, and commissioning - On-site user training - Warranty and optional service/maintenance agreements

Legal basis:

Directive 2014/24/EU

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Notice, European Single Procurement Document (ESPD), Procurement Document

Corruption: The economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein has been the subject of a conviction by final judgment for corruption, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable.

Fraud: The economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein has been the subject of a conviction by final judgment for fraud, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable.

Money laundering or terrorist financing: The economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein has been the subject of a conviction by final judgment for money laundering or terrorist financing, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable.

Participation in a criminal organisation: The economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of

representation, decision or control therein has been the subject of a conviction by final judgment for participation in a criminal organisation, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable.

Terrorist offences or offences linked to terrorist activities: The economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein has been the subject of a conviction by final judgment for terrorist offences or offences linked to terrorist activities, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable.

Child labour and including other forms of trafficking in human beings: The economic operator itself or any person who is a member of its administrative, management or supervisory body or has powers of representation, decision or control therein has been the subject of a conviction by final judgment for child labour and other forms of trafficking in human beings, by a conviction rendered at the most five years ago or in which an exclusion period set out directly in the conviction continues to be applicable.

Breaching of obligations in the fields of environmental law: The economic operator has breached its obligations in the field of environmental law.

Breaching of obligations in the fields of labour law: The economic operator has breached its obligations in the field of labour law.

Breaching of obligations in the fields of social law: The economic operator has breached its obligations in the field of social law.

Agreements with other economic operators aimed at distorting competition: The economic operator has entered into agreements with other economic operators aimed at distorting competition.

Grave professional misconduct: The economic operator is guilty of grave professional misconduct.

Misrepresentation, withheld information, unable to provide required documents or obtained confidential information of this procedure: The economic operator can confirm that: a) It has been guilty of serious misrepresentation in supplying the information required for the verification of the absence of grounds for exclusion or the fulfilment of the selection criteria, b) It has withheld such information, c) It has not been able, without delay, to submit the supporting documents required by a contracting authority or contracting entity, and d) It has undertaken to unduly influence the decision making process of the contracting authority or contracting entity, to obtain confidential information that may confer upon it undue advantages in the procurement procedure or to negligently provide misleading information that may have a material influence on decisions concerning exclusion, selection or award.

Conflict of interest due to its participation in the procurement procedure: The economic operator is aware of any conflict of interest, as indicated in national law, the relevant notice or the procurement documents due to its participation in the procurement procedure.

Direct or indirect involvement in the preparation of this procurement procedure: The economic operator or an undertaking related to it has advised the contracting authority or contracting entity or otherwise been involved in the preparation of the procurement procedure.

Early termination, damages, or other comparable sanctions: The economic operator has experienced that a prior public contract, a prior contract with a contracting entity or a prior concession contract was terminated early, or that damages or other comparable sanctions were imposed in connection with that prior contract.

Breaching of obligations set under purely national exclusion grounds: Any person who is a member of the economic operator's administrative, management or supervisory body or has powers of representation, decision or control therein has been the subject of a conviction by

final judgment for work safety offence, working hours offence, work discrimination, extortionate work discrimination, violation of the right to organise or unauthorised use of foreign labour.

Breaching obligation relating to payment of social security contributions: The economic operator has breached its obligations relating to the payment social security contributions, both in the country in which it is established and in Member State of the contracting authority or contracting entity if other than the country of establishment.

Breaching obligation relating to payment of taxes: The economic operator has breached its obligations relating to the payment of taxes, both in the country in which it is established and in Member State of the contracting authority or contracting entity if other than the country of establishment.

Business activities are suspended: The business activities of the economic operator are suspended.

Bankruptcy: The economic operator is bankrupt.

Arrangement with creditors: The economic operator is in arrangement with creditors.

Insolvency: The economic operator is the subject of insolvency or winding-up.

Assets being administered by liquidator: The assets of the economic operator are being administered by a liquidator or by the court.

Analogous situation like bankruptcy, insolvency or arrangement with creditors under national law: The economic operator is in any analogous situation like bankruptcy arising from a similar procedure under national laws and regulations.

5. Lot

5.1. Lot: LOT-0000

Title: Procurement for the Supply, Delivery, Installation and Commissioning of nanoindentation system

Description: The Contracting Authority invites tenders for the supply, delivery, installation, commissioning, validation, and initial technical support of one nanoindentation system used for research laboratory activities in materials science. The proposed system will be used for high-precision mechanical characterization of hard materials such as alumina Al₂O₃, silicon carbide SiC, different types of minerals and composites, etc. as well as hard coatings. Experiments and services planned for the instrument include, but not limited in, advanced micrometer-scale nanoindentation, hardness/modulus mapping, creep testing, and related studies on ceramics and hard coating. The objective is to acquire robust and high-performance nanoindentation system that combines exceptional sensitivity and resolution with operational simplicity, intuitive software, and streamlined workflow.

Internal identifier: 612573

5.1.1. Purpose

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Additional nature of the contract: Services

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

Additional classification (cpv): 50430000 Repair and maintenance services of precision equipment, 51430000 Installation services of laboratory equipment

5.1.2. Place of performance

Postal address: Tuomiokirkkotori 3

Town: Turku

Postcode: 20500

Country subdivision (NUTS): Varsinais-Suomi (FI1C1)

Country: Finland

5.1.3. Estimated duration

Other duration: Unknown

5.1.5. Value

Estimated value excluding VAT: 250 000,00 EUR

5.1.6. General information

Reserved participation:

Participation is not reserved.

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

This procurement is also suitable for small and medium-sized enterprises (SMEs): no

Additional information: Scope of Supply The successful tender shall provide: - One nanoindentation system - All required hardware, accessories, peripherals, and diamond tips (Berkovich standard + spares) - Anti-vibration table - Data acquisition and analysis software licenses - Delivery to site, installation, and commissioning - On-site user training - Warranty and optional service/maintenance agreements

5.1.7. Strategic procurement

Social objective promoted: Human rights due diligence in global supply chains

5.1.8. Accessibility criteria

Accessibility criteria for persons with disabilities are not included because the procurement is not intended for use by natural persons

5.1.9. Selection criteria

Sources of selection criteria: Procurement Document, European Single Procurement Document (ESPD), Notice

Criterion: Enrolment in a trade register

Description of selection criterion: The tenderer must be registered in a register equivalent to the Finnish Trade Register in its country of establishment.

Criterion: Measures for ensuring quality

Description of selection criterion: By submitting its tender, the supplier undertakes to comply with all annexes to the invitation to tender.

5.1.10. Award criteria

Criterion:

Type: Price

Name: Price

Description: The supplier submitting the lowest-priced tender shall receive the full 30 points.

Other prices will be scored in proportion to the lowest-priced tender.

Category of award weight criterion: Weight (points, exact)

Award criterion number: 30

Criterion:

Type: Quality

Name: Technical specificities

Description: Number of detection/positioning features above minimum (quality of camera or optical microscope, continuous zoom, pixel resolution, repositioning accuracy) equals 25

points; Mechanical performance, resolution, throughput and automation equals 20 points;
Thermal stability / drift performance equals 10 points;
Category of award weight criterion: Weight (points, exact)
Award criterion number: 55

Criterion:

Type: Quality

Name: Warranty, training and technical support

Description: Warranty duration and coverage equals 4 points; Quality and cost of service contracts equals 3 points; Training scope and quality equals 3 points;

Category of award weight criterion: Weight (points, exact)

Award criterion number: 10

Criterion:

Type: Quality

Name: Delivery time

Description: Delivery time in DAYS (0-90 days excepted) equals 5 points

Category of award weight criterion: Weight (points, exact)

Award criterion number: 5

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Deadline for requesting additional information: 29/05/2026 06:50:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/aboakademi?id=612573&tpk=54e199f6-172d-4edf-9b77-9177d804f878>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/aboakademi?id=612573&tpk=54e199f6-172d-4edf-9b77-9177d804f878>

Languages in which tenders or requests to participate may be submitted: English

Electronic catalogue: Allowed

Variants: Not allowed

Tenderers may submit more than one tender: Not allowed

Deadline for receipt of tenders: 12/06/2026 09:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 4 Months

Information about public opening:

Opening date: 12/06/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

A non-disclosure agreement is required: no

Electronic invoicing: Required

Electronic ordering will be used: yes

Electronic payment will be used: yes

5.1.15. Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Mediation organisation: Markkinaoikeus

Review organisation: Markkinaoikeus

Information about review deadlines: 30 days

Web address of tax legislation: <https://vero.fi/yritykset-ja-yhteisot/>

Organisation providing information concerning the general regulatory framework for environmental protection applicable in the place where the contract is to be performed:

Markkinaoikeus

Organisation providing additional information about the procurement procedure: Åbo Akademi

Organisation providing offline access to the procurement documents: Åbo Akademi

Organisation providing more information on the review procedures: Åbo Akademi

Organisation receiving requests to participate: Åbo Akademi

Organisation processing tenders: Åbo Akademi

8. Organisations

8.1. ORG-0001

Official name: Åbo Akademi

Registration number: 0246312-1

Postal address: Tuomiokirkontori 3

Town: Turku

Postcode: 20500

Country subdivision (NUTS): Varsinais-Suomi (FI1C1)

Country: Finland

Contact point: Procurement team

Email: upphandling@abo.fi

Telephone: +358 22153360

Internet address: <https://www.abo.fi/>

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

Organisation providing offline access to the procurement documents

Organisation receiving requests to participate

Organisation processing tenders

Organisation providing more information on the review procedures

8.1. ORG-0002

Official name: Markkinaoikeus

Registration number: 3006157-6

Postal address: Radanrakentajantie 5

Town: Helsinki

Postcode: 00520

Country subdivision (NUTS): Helsinki-Uusimaa (FI1B1)

Country: Finland

Email: markkinaoikeus@oikeus.fi

Telephone: +358 295643300

Internet address: <https://www.markkinaoikeus.fi>

Roles of this organisation:

Review organisation
Mediation organisation
Organisation providing information concerning the general regulatory framework for environmental protection applicable in the place where the contract is to be performed

8.1. **ORG-0003**

Official name: Hansel Oy (Hilma)
Registration number: FI09880841
Postal address: Mannerheiminaukio 1a
Town: Helsinki
Postcode: 00100
Country subdivision (NUTS): Helsinki-Uusimaa (FI1B1)
Country: Finland
Contact point: eSender
Email: tekninen@hankintailmoitukset.fi
Telephone: 029 55 636 30
Internet address: <http://hankintailmoitukset.fi>
Roles of this organisation:
TED eSender

Notice information

Notice identifier/version: 4574dfc8-7796-4942-93a4-6bc3f4c26ffa - 01
Form type: Competition
Notice type: Contract or concession notice – standard regime
Notice subtype: 16
Notice dispatch date: 12/05/2026 06:57:41 (UTC+00:00) Western European Time, GMT
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Languages in which this notice is officially available: English
Notice publication number: 330482-2026
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