

342282-2026 - Competition

Finland – Laboratory, optical and precision equipments (excl. glasses) – Optical film stress measurement tool

OJ S 95/2026 19/05/2026

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: VTT Technical Research Centre of Finland Ltd

Email: kilpailutus@vtt.fi

Legal type of the buyer: Public undertaking

Activity of the contracting authority: Economic affairs

2. Procedure

2.1. Procedure

Title: Optical film stress measurement tool

Description: THE OBJECT OF THE TENDER PROCESS The object of the procurement is a 200 mm automated film stress and wafer bow analysis system using a non-contact laser scanning technique for the VTT Micronova cleanroom. The procurement includes a room temperature automated thin-film stress measurement system, cassette load lock, robot to handle the wafers, programmable automatic wafer scanning system, and analysis software. The tool should be designed to be used inside the clean room. The supplier will take into consideration the environmental conditions of the tool installation location and will work together with VTT to reduce the external impact on facility. The automated thin-film stress analysis system is for non-patterned, non-texture 200 mm wafer stress measurement. The technical specification of the object of the tender and its minimum requirements is described in more detail in this Annex 1 of the invitation to tender. The tendered Tool must comply with all technical properties and functionalities, performance specifications and acceptance criteria as set out in Annex 1 and Annex 2 ("Facilities, materials and connector types"). A tender which does not meet one or more of the requirements specified in the Annex 1 and Annex 2, may be rejected for failing to comply with the call for tenders. The comparison criterion for the tenders is economic advantageous (see section "Grounds for decision") with 80 % price weighting and 20 % quality weighting. A reference price has to be given for the equipment that meets all the requirements set in the invitation to tender, especially its Annex 1. Partial tenders will not be accepted. NON-MANDATORY OPTIONAL FEATURES Please see Annex 1 section 3.4.10 of the invitation to tender. The tenderer may offer the feature as an optional item in its tender. PLEASE NOTE: the optional item shall not be included in the comparison price of the device but shall be priced separately.

Procedure identifier: baa6c896-db81-4319-9493-dd53e456a8e4

Internal identifier: 613756

Type of procedure: Open

The procedure is accelerated: no

Main features of the procedure: The tender process is based on the open procedure applicable to contracts that exceed the EU procurement threshold.

2.1.1. Purpose

Main nature of the contract: Supplies

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

2.1.2. Place of performance

Postal address: Tekniikantie 17

Town: Espoo

Postcode: 02150

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

Country: Finland

2.1.4. General information

Additional information: The object of the tender process is described in more detail in the invitation to tender documents.

Legal basis:

Directive 2014/24/EU

2.1.6. Grounds for exclusion

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

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: Optical film stress measurement tool

Description: THE OBJECT OF THE TENDER PROCESS The object of the procurement is a 200 mm automated film stress and wafer bow analysis system using a non-contact laser scanning technique for the VTT Micronova cleanroom. The procurement includes a room temperature automated thin-film stress measurement system, cassette load lock, robot to handle the wafers, programmable automatic wafer scanning system, and analysis software. The tool should be designed to be used inside the clean room. The supplier will take into consideration the environmental conditions of the tool installation location and will work together with VTT to reduce the external impact on facility. The automated thin-film stress analysis system is for non-patterned, non-texture 200 mm wafer stress measurement. The technical specification of the object of the tender and its minimum requirements is described in more detail in this Annex 1 of the invitation to tender. The tendered Tool must comply with all technical properties and functionalities, performance specifications and acceptance criteria as set out in Annex 1 and Annex 2 ("Facilities, materials and connector types"). A tender which does not meet one or more of the requirements specified in the Annex 1 and Annex 2, may be rejected for failing to comply with the call for tenders. The comparison criterion for the tenders is economic advantageous (see section "Grounds for decision") with 80 % price weighting and 20 % quality weighting. A reference price has to be given for the equipment that meets all the requirements set in the invitation to tender, especially its Annex 1. Partial tenders will not be accepted. NON-MANDATORY OPTIONAL FEATURES Please see Annex 1 section 3.4.10 of the invitation to tender. The tenderer may offer the feature as an optional item in its tender. PLEASE NOTE: the optional item shall not be included in the comparison price of the device but shall be priced separately.

Internal identifier: 613756

5.1.1. Purpose

Main nature of the contract: Supplies

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

5.1.2. Place of performance

Postal address: Tekniikantie 17

Town: Espoo

Postcode: 02150

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

Country: Finland

5.1.3. Estimated duration

Duration: 15 Months

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): yes

Additional information: The object of the tender process is described in more detail in the invitation to tender documents.

5.1.7. Strategic procurement

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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Price 80 %

Description: See call for tenders

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

Award criterion number: 80

Criterion:

Type: Quality

Name: Quality comparison

Description: See call for tenders

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

Award criterion number: 20

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Deadline for requesting additional information: 28/05/2026 07:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/vtt?id=613756&tpk=d8b82ca3-2e76-4a2e-9492-9f844286b076>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/vtt?id=613756&tpk=d8b82ca3-2e76-4a2e-9492-9f844286b076>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Tenderers may submit more than one tender: Not allowed

Deadline for receipt of tenders: 15/06/2026 09:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 15/06/2026 09:01:00 (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

Review organisation: Markkinaoikeus

Information about review deadlines: 14 Days

Organisation providing additional information about the procurement procedure: VTT

Technical Research Centre of Finland Ltd

Organisation providing offline access to the procurement documents: VTT Technical Research Centre of Finland Ltd

Organisation providing more information on the review procedures: VTT Technical Research Centre of Finland Ltd

Organisation receiving requests to participate: VTT Technical Research Centre of Finland Ltd

Organisation processing tenders: VTT Technical Research Centre of Finland Ltd

8. Organisations

8.1. ORG-0001

Official name: Markkinaoikeus

Registration number: 3006157-6

Postal address: Radanrakentajantie 5

Town: Helsinki

Postcode: 00520

Country subdivision (NUTS): Helsinki-Uusimaa (F11B1)

Country: Finland

Email: markkinaoikeus@oikeus.fi

Telephone: +358 295643300

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

Roles of this organisation:

Review organisation

8.1. ORG-0002

Official name: VTT Technical Research Centre of Finland Ltd

Registration number: 2647375-4

Postal address: P.O. Box 1000, VTT

Town: Espoo

Postcode: 02044

Country subdivision (NUTS): Helsinki-Uusimaa (F11B1)

Country: Finland

Contact point: VTT Technical Research Centre of Finland Ltd

Email: kilpailutus@vtt.fi

Telephone: +358 20722111

Internet address: <https://www.vttresearch.com/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-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: 9551e5f4-ecfd-4718-9d7a-7e80ae1cee0c - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 16

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