

413000-2026 - Competition

Finland – Laboratory, optical and precision equipments (excl. glasses) – Defect inspection system

OJ S 114/2026 16/06/2026

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: Defect inspection system

Description: VTT is looking to acquire an automated defect inspection tool for 200 mm and 300 mm patterned wafers. The tool will enable rapid tracking of defects that appear during the manufacturing process of functional devices (in-line and end-of-line in the Front-end process). The tool must be capable of detecting particles, voids, cracks, scratches, pits, bumps, and hazes in the pattern. The materials of the patterns that the machine must be able to analyze are silicon oxides and nitrides, polysilicon, metals, and photoresist. The object of the tender process and the technical requirements are described in more detail in the invitation to tender documents.

Procedure identifier: d9ddb9d4-4c1a-4f52-a4d2-2e53e21cb096

Internal identifier: Reg. no 34/206/2026

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

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

Country: Finland

Additional information: Please see the invitation to tender.

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: European Single Procurement Document (ESPD), Procurement Document

5. Lot

5.1. Lot: LOT-0000

Title: Defect inspection system

Description: VTT is looking to acquire an automated defect inspection tool for 200 mm and 300 mm patterned wafers. The tool will enable rapid tracking of defects that appear during the manufacturing process of functional devices (in-line and end-of-line in the Front-end process). The tool must be capable of detecting particles, voids, cracks, scratches, pits, bumps, and hazes in the pattern. The materials of the patterns that the machine must be able to analyze are silicon oxides and nitrides, polysilicon, metals, and photoresist. The object of the tender process and the technical requirements are described in more detail in the invitation to tender documents.

Internal identifier: Reg. no 34/206/2026

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

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

Country: Finland

Additional information: Please see the invitation to tender.

5.1.3. Estimated duration

Duration: 14 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

Description: The evaluation of the tenders is described in section 'Grounds for decision'.

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

Award criterion number: 90

Criterion:

Type: Quality

Name: Quality

Description: The evaluation of the tenders is described in section 'Grounds for decision'.

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

Award criterion number: 10

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Deadline for requesting additional information: 22/06/2026 13:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/vtt?id=615193&tpk=8bf2e577-28c2-4ffa-bd73-6105d44d9a19>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/vtt?id=615193&tpk=8bf2e577-28c2-4ffa-bd73-6105d44d9a19>

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: 28/07/2026 13:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 28/07/2026 13:30:00 (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

Conditions relating to the performance of the contract: A binding contract between the parties concerning the subject of the procurement shall not enter into force until both parties have signed the contract. For more information, please see the invitation to tender.

Electronic invoicing: Required

Electronic ordering will be used: no

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: The appeal period is determined in accordance with the Act on Public Procurement and Concession Contracts (1397/2016).

Organisation providing additional information about the procurement procedure: VTT

Technical Research Centre of Finland Ltd

Organisation providing more information on the review procedures: Markkinaoikeus
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 (FI1B1)
Country: Finland
Email: markkinaoikeus@oikeus.fi
Telephone: +358 295643300
Internet address: <http://www.oikeus.fi/markkinaoikeus>

Roles of this organisation:

Review organisation
Organisation providing more information on the review procedures

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 (FI1B1)
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 receiving requests to participate
Organisation processing tenders

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: d56af846-3295-4924-bb28-af3ab32a6a78 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 16

Notice dispatch date: 12/06/2026 14:06:17 (UTC+00:00) Western European Time, GMT

Notice dispatch date (eSender): 12/06/2026 14:06:18 (UTC+00:00) Western European Time, GMT

Languages in which this notice is officially available: English

Notice publication number: 413000-2026

OJ S issue number: 114/2026

Publication date: 16/06/2026