

## 316642-2026 - Competition

Finland – Laboratory, optical and precision equipments (excl. glasses) – Walk-in growth chambers for a range of different plant species

OJ S 89/2026 08/05/2026

Contract or concession notice – standard regime

Supplies

### 1. Buyer

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#### 1.1. Buyer

Official name: University of Helsinki

Email: [hankinnat@helsinki.fi](mailto:hankinnat@helsinki.fi)

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

### 2. Procedure

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#### 2.1. Procedure

Title: Walk-in growth chambers for a range of different plant species

Description: The subject of this call for tenders is two (2) high-quality walk-in chambers for plants (e.g. strawberries, leafy greens, cereals, maize, young trees and saplings) for the University of Helsinki. The chambers will be acquired to the Faculty of Agriculture and Forestry, University of Helsinki in 2026. In addition, two (2) to four (4) walk-in chambers are asked as an option to be purchased in 2028.

Procedure identifier: cbcd6739-ac73-43f7-a861-d88eff529ca2

Internal identifier: 609746

Type of procedure: Open

The procedure is accelerated: no

##### 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: Latokartanonkaari 9

Town: Helsinki

Postcode: 00970

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

Country: Finland

##### 2.1.3. Value

Estimated value excluding VAT: 450 000,00 EUR

##### 2.1.4. General information

**Legal basis:**

Directive 2014/24/EU

##### 2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

## 5. Lot

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### 5.1. Lot: LOT-0000

Title: Walk-in growth chambers for a range of different plant species

Description: The subject of this call for tenders is two (2) high-quality walk-in chambers for plants (e.g. strawberries, leafy greens, cereals, maize, young trees and saplings) for the University of Helsinki. The chambers will be acquired to the Faculty of Agriculture and Forestry, University of Helsinki in 2026. In addition, two (2) to four (4) walk-in chambers are asked as an option to be purchased in 2028.

Internal identifier: 609746

#### 5.1.1. Purpose

Main nature of the contract: Supplies

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

##### Options:

Description of the options: Service contract after the warranty period end. Two (2) to four (4) walk-in chambers as an option to be purchased in 2028.

#### 5.1.2. Place of performance

Postal address: Latokartanonkaari 9

Town: Helsinki

Postcode: 00970

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

Country: Finland

#### 5.1.3. Estimated duration

Duration: 7 Months

#### 5.1.5. Value

Estimated value excluding VAT: 450 000,00 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): yes

#### 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

#### 5.1.10. Award criteria

##### Criterion:

Type: Price

Name: The total price

Description: The total price for two chambers, excluding VAT (maximum 450,000 €). The total price must include delivery and insurance costs, installation of the equipment to a fully operational state, required test runs, user training, and regular maintenance during the warranty period.

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

Award criterion number: 50

**Criterion:**

Type: Quality

Name: Chamber flexibility

Description: • The shelves are easily adjusted and repositioned without tools. 2 points • The shelves are completely removable without tools. 2 points • Light bank of each shelf is independently programmable. 1 point • NFT as one of the watering systems. 1 point • Drip irrigation as one of the watering systems. 1 point • Temperature adjustment at least to 50 °C ( $\pm 1.0$  °C) for cleaning. 1 point • Multichannel lights. 2 points.

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

Award criterion number: 10

**Criterion:**

Type: Quality

Name: Chamber maximum plant growth area and height

Description: • Plant growth area with shelves. 5 points • Plant growth area without shelves. 5 points • Plant growth height without shelves. 10 points

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

Award criterion number: 20

**Criterion:**

Type: Quality

Name: After sales service and technical support

Description: • Training for technical maintenance and service of the user. Supplier can offer technical maintenance training for UH laboratory engineers to allow the engineers take care of the maintenance independently. 10 points • Software update policy. 5 points • Response time plan. 5 points

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

Award criterion number: 20

**Criterion:**

Type: Quality

Name: Control unit

Description: • A standard communication interfaces (such as based on RESTful protocol) should be available, allowing connection to external computer or gateway for control. 10 points. • Software should support API (e.g. RESTful) for integration with external AI systems running on a server machine. 10 points • The control unit should support data storage locally and cloud. 10 points • The control unit should allow AI Agents to invoke API of control unit for autonomous growth. 10 points • The control unit should allow possibility to simulate the outdoor climate as well as use indoor and outdoor sensor data to adjust the chamber conditions. 10 points

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

Award criterion number: 50

### 5.1.11. Procurement documents

Deadline for requesting additional information: 20/05/2026 09:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/helsinginyliopisto?id=609746&tpk=f65d1f82-e3c2-4a83-b6b9-2fcded098c30>

#### 5.1.12. Terms of procurement

##### Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/helsinginyliopisto?id=609746&tpk=f65d1f82-e3c2-4a83-b6b9-2fcded098c30>

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

Electronic catalogue: Not allowed

Tenderers may submit more than one tender: Allowed

Deadline for receipt of tenders: 08/06/2026 09:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 3 Months

##### Information about public opening:

Opening date: 08/06/2026 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: Allowed

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

Electronic auction: no

#### 5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Information about review deadlines: A party must request rectification of procurement within 14 days of receiving notice of the decision of the contracting entity (together with instructions for appeal) or of some other resolution made in the procurement procedure. The claim must be submitted by the date when the time limit for submitting a request expires, within office hours.

The day of notice is not included in the calculation of the time limit. If the last day for submitting a request is a bank holiday, Independence Day (6 December), the First of May, Christmas Eve, Midsummer Eve or a Saturday, the request for rectification may be submitted on the first weekday following that day, within office hours.

## 8. Organisations

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### 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](mailto: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: University of Helsinki  
Registration number: 0313471-7  
Postal address: P.O. Box 1 (Vuorikatu 3)  
Town: University of Helsinki  
Postcode: 00014  
Country subdivision (NUTS): Helsinki-Uusimaa (F11B1)  
Country: Finland  
Contact point: Hankinnat  
Email: [hankinnat@helsinki.fi](mailto:hankinnat@helsinki.fi)  
Telephone: +358 2941911  
Internet address: <https://www.helsinki.fi/en>

**Roles of this organisation:**

Buyer

**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 (F11B1)  
Country: Finland  
Contact point: eSender  
Email: [tekninen@hankintailmoitukset.fi](mailto:tekninen@hankintailmoitukset.fi)  
Telephone: 029 55 636 30  
Internet address: <http://hankintailmoitukset.fi>

**Roles of this organisation:**

TED eSender

## Notice information

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Notice identifier/version: d2066e43-cdad-44d0-859c-6d1a7384f791 - 01  
Form type: Competition  
Notice type: Contract or concession notice – standard regime  
Notice subtype: 16  
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