

223768-2026 - Competition

Finland – Laboratory, optical and precision equipments (excl. glasses) – Camera-based real-time motion tracking and motion capturing system

OJ S 64/2026 01/04/2026

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: Lappeenrantaan-Lahden teknillinen yliopisto LUT

Email: hankinnat@lut.fi

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Education

2. Procedure

2.1. Procedure

Title: Camera-based real-time motion tracking and motion capturing system

Description: A camera-based real-time motion-tracking/motion-capture system for both indoor and outdoor use, enabling robust instrumentation for ongoing rugged and water-robotics research and accurate recording of the humans and industrial robots' motion. Must deliver high-precision 3D tracking in an indoor volume of approximately 4 m × 3 m × ≥3 m with <20 ms end-to-end latency and ≥240 fps, supplied as a base package of at least six tracking cameras/sensors incl. calibration equipment, cabling, and software. Tracking data shall be accessible via a documented SDK/API from C/C++/Python and also Matlab/Simulink over the network from multiple clients; scalable to ≥16 tracked rigid bodies, with options for time-synchronised RGB video and ruggedised/outdoor-capable components.

Procedure identifier: 968e9aac-8936-46c2-9144-e2deec036353

Internal identifier: 606399

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: Mukkulankatu 19

Town: Lahti

Postcode: 15210

Country subdivision (NUTS): Päijät-Häme (FI1C6)

Country: Finland

2.1.4. General information

Legal basis:

Directive 2014/24/EU

2.1.6. Grounds for exclusion

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

5. Lot

5.1. Lot: LOT-0000

Title: Camera-based real-time motion tracking and motion capturing system

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Internal identifier: 606399

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: Mikkulankatu 19

Town: Lahti

Postcode: 15210

Country subdivision (NUTS): Päijät-Häme (FI1C6)

Country: Finland

5.1.3. Estimated duration

Start date: 18/05/2026

Duration end date: 31/12/2026

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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Price

Description: Price 48

Category of award fixed criterion: Fixed value (per unit)

Award criterion number: 48

Criterion:

Type: Quality
Name: Quality
Description: Quality 52
Category of award fixed criterion: Fixed value (total)
Award criterion number: 52

5.1.11. Procurement documents

Deadline for requesting additional information: 14/04/2026 09:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/lut?id=606399&tpk=8a96e115-4aae-4464-b516-5309508e8a87>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/lut?id=606399&tpk=8a96e115-4aae-4464-b516-5309508e8a87>

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

Electronic catalogue: Not allowed

Tenderers may submit more than one tender: Not allowed

Deadline for receipt of tenders: 04/05/2026 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: 04/05/2026 09:30:00 (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

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: The appeal shall be filed in writing within 14 days of the date on which the interested party receives notification of the decision concerning procurement and instructions for appeal.

8. Organisations

8.1. ORG-0001

Official name: Lappeenranta-Lahden teknillinen yliopisto LUT

Registration number: 0245904-2

Postal address: Yliopistonkatu 34

Town: Lappeenranta

Postcode: 53850
Country subdivision (NUTS): Etelä-Karjala (FI1C5)
Country: Finland
Contact point: Procurement Services
Email: hankinnat@lut.fi
Telephone: +358 294465000
Internet address: <http://www.lut.fi>

Roles of this organisation:

Buyer

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

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: d72953ff-6b9f-4feb-8d8e-60f5a4176576 - 01
Form type: Competition
Notice type: Contract or concession notice – standard regime
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