

387725-2026 - Competition

Finland – Research, testing and scientific technical simulator – Laboratory-scale biogas reactors for the Natural Resources Institute Finland

OJ S 107/2026 05/06/2026

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: Luonnonvarakeskus

Email: kirjaamo@luke.fi

Legal type of the buyer: Body governed by public law, controlled by a central government authority

Activity of the contracting authority: General public services

2. Procedure

2.1. Procedure

Title: Laboratory-scale biogas reactors for the Natural Resources Institute Finland

Description: Natural Resources Institute Finland (Luke) is requesting offers from suppliers for the procurement of laboratory scale biogas reactors. The preliminary procurement target is laboratory-scale continuously stirred tank reactors (CSTRs) for research purposes. Reactors must be suitable for studying process performance, especially the methane production and digestate quality, of anaerobic digestion of various types of biomass: slurries, sludges, manures, and also drier materials (plant biomass, food waste, etc.) as a co-feedstock. Equipment is needed for semi- or fully continuous operation with regular feeding and regular or continuous removal of digestate. Reactors must be equipped with adjustable stirring and temperature control; the heating mechanism must ensure a stable temperature. The requirement is for two (2) CSTR units. In addition, the procurement includes an option to purchase up to two (2) additional identical devices. The optional devices are identical in terms of their technical characteristics and delivery conditions to the devices included in the primary procurement. The options shall be procured at the same prices and under the same contractual terms as the primary devices. The contracting authority does not commit to a minimum purchase quantity. The contracting authority shall decide separately on the use of the options. The contract period is 2 years.

Procedure identifier: f74e0ce8-d14d-4bab-922b-89bec002870a

Internal identifier: LUKE/505/02.10.01.00.05/2026

Type of procedure: Open

The procedure is accelerated: no

Main features of the procedure: The procurement is carried out through an open procedure. Tenderers are not entitled to have any compensation for the preparation of tenders.

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38970000 Research, testing and scientific technical simulator

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

2.1.2. Place of performance

Country subdivision (NUTS): Lappi (FI1D7)

Country: Finland

2.1.3. Value

Estimated value excluding VAT: 96 000,00 EUR

2.1.4. General information

Additional information: Reactors must be suitable for studying process performance, especially the methane production and digestate quality, of anaerobic digestion of various types of biomass: slurries, sludges, manures, and also drier materials (plant biomass, food waste, etc.) as a co-feedstock. Equipment is needed for semi- or fully continuous operation with regular feeding and regular or continuous removal of digestate. Reactors must be equipped with adjustable stirring and temperature control; the heating mechanism must ensure a stable temperature.

Legal basis:

Directive 2014/24/EU

2.1.6. Grounds for exclusion

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

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: Laboratory-scale biogas reactors for the Natural Resources Institute Finland

Description: Natural Resources Institute Finland (Luke) is requesting offers from suppliers for the procurement of laboratory scale biogas reactors. The preliminary procurement target is laboratory-scale continuously stirred tank reactors (CSTRs) for research purposes. Reactors must be suitable for studying process performance, especially the methane production and digestate quality, of anaerobic digestion of various types of biomass: slurries, sludges, manures, and also drier materials (plant biomass, food waste, etc.) as a co-feedstock.

Equipment is needed for semi- or fully continuous operation with regular feeding and regular or continuous removal of digestate. Reactors must be equipped with adjustable stirring and temperature control; the heating mechanism must ensure a stable temperature. The requirement is for two (2) CSTR units. In addition, the procurement includes an option to purchase up to two (2) additional identical devices. The optional devices are identical in terms of their technical characteristics and delivery conditions to the devices included in the primary procurement. The options shall be procured at the same prices and under the same contractual terms as the primary devices. The contracting authority does not commit to a minimum purchase quantity. The contracting authority shall decide separately on the use of the options. The contract period is 2 years.

Internal identifier: LUKE/505/02.10.01.00.05/2026

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38970000 Research, testing and scientific technical simulator

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

5.1.2. Place of performance

Country subdivision (NUTS): Lappi (FI1D7)

Country: Finland

5.1.3. Estimated duration

Start date: 31/07/2026

Duration end date: 29/06/2028

5.1.5. Value

Estimated value excluding VAT: 96 000,00 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

Additional information: Reactors must be suitable for studying process performance, especially the methane production and digestate quality, of anaerobic digestion of various types of biomass: slurries, sludges, manures, and also drier materials (plant biomass, food waste, etc.) as a co-feedstock. Equipment is needed for semi- or fully continuous operation with regular feeding and regular or continuous removal of digestate. Reactors must be equipped with adjustable stirring and temperature control; the heating mechanism must ensure a stable temperature.

5.1.7. Strategic procurement

Social objective promoted: Fair working conditions

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 the relevant trade or professional register in accordance with the legislation of the country of establishment. If the tenderer is not registered in a Finnish trade register, equivalent evidence of registration in a corresponding register in the country of establishment shall be accepted.

Criterion: References on specified deliveries

Description of selection criterion: The tenderer must have experience in supplying equipment comparable in nature and technical complexity to the subject matter of this procurement. The tenderer must demonstrate at least five (5) reference deliveries completed within the last five (5) years from the deadline for submitting tenders.

5.1.10. Award criteria

Criterion:

Type: Price

Name: Price

Description: Price

Category of award fixed criterion: Fixed value (total)

Award criterion number: 80

Criterion:

Type: Quality

Name: Quality

Description: Quality

Category of award fixed criterion: Fixed value (total)

Award criterion number: 20

5.1.11. Procurement documents

Deadline for requesting additional information: 12/06/2026 20:59:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=605420&tpk=c2ccfc3c-97c1-4dd2-b6ef-60917d2e4896>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=605420&tpk=c2ccfc3c-97c1-4dd2-b6ef-60917d2e4896>

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: 30/06/2026 20:59:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 3 Months

Information about public opening:

Opening date: 01/07/2026 06:00:00 (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

Review organisation: Markkinaoikeus

Information about review deadlines: Appeals against the procurement decision may be filed with the Market Court of Finland in accordance with the Finnish Act on Public Procurement and Concession Contracts (1397/2016). An appeal must be lodged within fourteen (14) days from the date on which the tenderer has received or is deemed to have received the procurement decision and the appeal instructions.

Organisation receiving requests to participate: Luonnonvarakeskus

Organisation processing tenders: Luonnonvarakeskus

8. Organisations

8.1. ORG-0001

Official name: Luonnonvarakeskus

Registration number: 0244629-2

Postal address: PL 2 (Latokartanonkaari 9)

Town: Helsinki

Postcode: 00791

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

Country: Finland

Contact point: Kirjaamo

Email: kirjaamo@luke.fi

Telephone: +358 295326000

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

Roles of this organisation:

Buyer
Organisation receiving requests to participate
Organisation processing tenders

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: 57bbe1e8-327f-48eb-a91d-dbf4819f7404 - 01
Form type: Competition
Notice type: Contract or concession notice – standard regime
Notice subtype: 16
Notice dispatch date: 04/06/2026 12:10:11 (UTC+00:00) Western European Time, GMT
Notice dispatch date (eSender): 04/06/2026 12:10:12 (UTC+00:00) Western European Time, GMT
Languages in which this notice is officially available: English
Notice publication number: 387725-2026
OJ S issue number: 107/2026
Publication date: 05/06/2026