

## 387725-2026 - Mise en concurrence

**Finlande – Simulateur de recherche, d'essai et scientifique et technique – Laboratory-scale biogas reactors for the Natural Resources Institute Finland**

**OJ S 107/2026 05/06/2026**

**Avis de marché ou de concession – régime ordinaire**

**Fournitures**

### 1. Acheteur

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#### 1.1. Acheteur

Nom officiel: Luonnonvarakeskus

Adresse électronique: [kirjaamo@luke.fi](mailto:kirjaamo@luke.fi)

Forme juridique de l'acheteur: Organisme de droit public, contrôlé par une autorité publique centrale

Activité du pouvoir adjudicateur: Services d'administration générale

### 2. Procédure

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#### 2.1. Procédure

Titre: 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.

Identifiant de la procédure: f74e0ce8-d14d-4bab-922b-89bec002870a

Identifiant interne: LUKE/505/02.10.01.00.05/2026

Type de procédure: Ouverte

La procédure est accélérée: non

Principales caractéristiques de la procédure et informations sur l'endroit où obtenir les règles complètes applicables à la procédure: 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. Objet

Nature principale du marché: Fournitures

Nomenclature principale (cpv): 38970000 Simulateur de recherche, d'essai et scientifique et technique

Nomenclature complémentaire (cpv): 38000000 Équipements de laboratoire, d'optique et de précision (excepté les lunettes)

#### **2.1.2. Lieu d'exécution**

Subdivision pays (NUTS): Lappi (FI1D7)

Pays: Finlande

#### **2.1.3. Valeur**

Valeur estimée hors TVA: 96 000,00 EUR

#### **2.1.4. Informations générales**

Informations complémentaires: 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.

##### **Base juridique:**

Directive 2014/24/UE

#### **2.1.6. Motifs d'exclusion**

Sources des motifs d'exclusion: Document de marché, Document unique de marché européen (DUME), Avis

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.

Fraude: 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.

Blanchiment de capitaux ou financement du terrorisme: 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 à une organisation criminelle: 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.

Infractions terroristes ou infractions liées aux activités terroristes: 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.

Travail des enfants et autres formes de traite des êtres humains: 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.

Manquement aux obligations dans le domaine du droit environnemental: The economic operator has breached its obligations in the field of environmental law.

Manquement aux obligations dans le domaine du droit du travail: The economic operator has breached its obligations in the field of labour law.

Manquement aux obligations dans le domaine du droit social: The economic operator has breached its obligations in the field of social law.

Accords avec d'autres opérateurs économiques en vue de fausser la concurrence: The economic operator has entered into agreements with other economic operators aimed at distorting competition.

Faute professionnelle grave: The economic operator is guilty of grave professional misconduct.

Fausses déclarations, dissimulation d'informations, incapacité de présenter les documents requis ou obtention d'informations confidentielles sur cette procédure: 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.

Conflit d'intérêt créé par sa participation à la procédure de passation de marché: 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.

Association directe ou indirecte à la préparation de cette procédure de passation de marché: 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.

Résiliation, dommages et intérêts ou autres sanctions comparables: 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.

Manquement à des obligations liées à des motifs d'exclusion purement nationaux: 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.

Manquement à l'obligation relative au paiement de cotisations de sécurité sociale: 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.

Manquement à l'obligation relative au paiement d'impôts et 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.

État de cessation d'activités: The business activities of the economic operator are suspended.

Faillite: The economic operator is bankrupt.

Concordat: The economic operator is in arrangement with creditors.

Insolvabilité: The economic operator is the subject of insolvency or winding-up.

Biens administrés par un liquidateur: The assets of the economic operator are being administered by a liquidator or by the court.

Situation analogue à la faillite prévue dans la législation nationale: The economic operator is in any analogous situation like bankruptcy arising from a similar procedure under national laws and regulations.

## 5. Lot

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### 5.1. Lot: LOT-0000

Titre: 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.

Identifiant interne: LUKE/505/02.10.01.00.05/2026

#### 5.1.1. Objet

Nature principale du marché: Fournitures

Nomenclature principale (cpv): 38970000 Simulateur de recherche, d'essai et scientifique et technique

Nomenclature complémentaire (cpv): 38000000 Équipements de laboratoire, d'optique et de précision (excepté les lunettes)

#### 5.1.2. Lieu d'exécution

Subdivision pays (NUTS): Lappi (FI1D7)

Pays: Finlande

#### 5.1.3. Durée estimée

Date de début: 31/07/2026

Date de fin de durée: 29/06/2028

#### 5.1.5. Valeur

Valeur estimée hors TVA: 96 000,00 EUR

#### 5.1.6. Informations générales

##### Participation réservée:

La participation n'est pas réservée.

Projet de passation de marché non financé par des fonds de l'UE

Le marché relève de l'accord sur les marchés publics (AMP): oui

Le marché en question convient aussi aux petites et moyennes entreprises (PME): oui

Informations complémentaires: 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. Marché public stratégique

Objectif social promu: Conditions de travail équitables

#### 5.1.9. Critères de sélection

Sources des critères de sélection: Document de marché, Document unique de marché européen (DUME), Avis

Critère: Inscription à un registre du commerce

Description du critère de sélection: 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.

Critère: Références sur des livraisons spécifiées

Description du critère de sélection: 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. Critères d'attribution

##### Critère:

Type: Prix

Nom: Price

Description: Price

Catégorie du critère d'attribution valeur fixe: Valeur fixe (total)

Nombre critère d'attribution: 80

##### Critère:

Type: Qualité

Nom: Quality

Description: Quality

Catégorie du critère d'attribution valeur fixe: Valeur fixe (total)

Nombre critère d'attribution: 20

#### 5.1.11. Documents de marché

Date limite de demande d'informations complémentaires: 12/06/2026 20:59:00 (UTC+00:00)

Heure de l'Europe occidentale, GMT

Adresse des documents de marché: <https://tarjouspalvelu.fi/luke?id=605420&tpk=c2ccfc3c-97c1-4dd2-b6ef-60917d2e4896>

#### 5.1.12. Conditions du marché public

##### Conditions de soumission:

Soumission par voie électronique: Requise

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

Langues dans lesquelles les offres ou demandes de participation/candidatures peuvent être présentées: anglais

Catalogue électronique: Non autorisée

Les soumissionnaires peuvent présenter plusieurs offres: Non autorisée

Date limite de réception des offres: 30/06/2026 20:59:00 (UTC+00:00) Heure de l'Europe occidentale, GMT

Durée de validité des offres: 3 Mois

##### Informations relatives à l'ouverture publique:

Date d'ouverture: 01/07/2026 06:00:00 (UTC+00:00) Heure de l'Europe occidentale, GMT

##### Conditions du marché:

Le contrat doit être exécuté dans le cadre de programmes d'emplois protégés: Non

Un accord de confidentialité est requis: non

Facturation électronique: Requise

La commande en ligne sera utilisée: oui

Le paiement électronique sera utilisé: oui

#### 5.1.15. Techniques

##### Accord-cadre:

Pas d'accord-cadre

##### Informations sur le système d'acquisition dynamique:

Pas de système d'acquisition dynamique

#### 5.1.16. Informations complémentaires, médiation et recours

Organisation chargée des procédures de recours: Markkinaoikeus

Description des délais d'introduction des procédures de recours: 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 qui reçoit les demandes de participation/candidatures: Luonnonvarakeskus

Organisation qui traite les offres: Luonnonvarakeskus

## 8. Organisations

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### 8.1. ORG-0001

Nom officiel: Luonnonvarakeskus

Numéro d'enregistrement: 0244629-2

Adresse postale: PL 2 (Latokartanonkaari 9)

Ville: Helsinki

Code postal: 00791

Subdivision pays (NUTS): Helsinki-Uusimaa (FI1B1)

Pays: Finlande

Point de contact: Kirjaamo

Adresse électronique: [kirjaamo@luke.fi](mailto:kirjaamo@luke.fi)

Téléphone: +358 295326000

Adresse internet: <https://www.luke.fi>

**Rôles de cette organisation:**

Acheteur

Organisation qui reçoit les demandes de participation/candidatures

Organisation qui traite les offres

**8.1. ORG-0002**

Nom officiel: Markkinaoikeus

Numéro d'enregistrement: 3006157-6

Adresse postale: Radanrakentajantie 5

Ville: Helsinki

Code postal: 00520

Subdivision pays (NUTS): Helsinki-Uusimaa (FI1B1)

Pays: Finlande

Adresse électronique: [markkinaoikeus@oikeus.fi](mailto:markkinaoikeus@oikeus.fi)

Téléphone: +358 295643300

Adresse internet: <https://www.markkinaoikeus.fi>

**Rôles de cette organisation:**

Organisation chargée des procédures de recours

**8.1. ORG-0003**

Nom officiel: Hansel Oy (Hilma)

Numéro d'enregistrement: FI09880841

Adresse postale: Mannerheiminaukio 1a

Ville: Helsinki

Code postal: 00100

Subdivision pays (NUTS): Helsinki-Uusimaa (FI1B1)

Pays: Finlande

Point de contact: eSender

Adresse électronique: [tekninen@hankintailmoitukset.fi](mailto:tekninen@hankintailmoitukset.fi)

Téléphone: 029 55 636 30

Adresse internet: <http://hankintailmoitukset.fi>

**Rôles de cette organisation:**

TED eSender

## Informations relatives à l'avis

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Identifiant/version de l'avis: 57bbe1e8-327f-48eb-a91d-dbf4819f7404 - 01

Type de formulaire: Mise en concurrence

Type d'avis: Avis de marché ou de concession – régime ordinaire

Sous-type d'avis: 16

Date d'envoi de l'avis: 04/06/2026 12:10:11 (UTC+00:00) Heure de l'Europe occidentale, GMT

Date et heure de transmission de l'avis (eSender): 04/06/2026 12:10:12 (UTC+00:00) Heure de l'Europe occidentale, GMT

Langues dans lesquelles l'avis en question est officiellement disponible: anglais

Numéro de publication de l'avis: 387725-2026

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