

145705-2026 - Competition

Finland – Research services – Sequencing services

OJ S 43/2026 03/03/2026

Contract or concession notice – standard regime

Services

1. Buyer

1.1. Buyer

Official name: Luonnonvarakeskus (Natural Resources Institute Finland)

Email: kilpailutus@hansel.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: Sequencing services

Description: The Natural Resources Institute Finland (Luke) is procuring Sequencing services as specified in this invitation to tender and its appendices. SUBJECT OF THE

PROCUREMENT This framework arrangement covers Sequencing services as defined in this invitation to tender and its appendices. Luke is looking for suppliers for the following services:

1) Metagenomic sequences short and long reads 2) Transcriptomic short reads 3) Transcriptomic long reads with $\geq$ Q30 (80%) 4) Amplicon and metabarcoding short reads 5) Amplicon and metabarcoding long reads with $\geq$ Q30 (80%) 6) Sanger sequencing 7) Whole genome sequencing short reads 8) Whole genome sequencing long reads 9) Sequencing of self-made pooled libraries short reads (medium through put) 10) Sequencing of self-made pooled libraries short reads (high through put) 11) Sequencing of self-made pooled libraries short reads (low through put) 12) Sequencing of self-made pooled libraries long reads with $\geq$ Q30 (80%) 13) ATAC Interested suppliers can take part in either one or all of the service packages. The scope of the procurement is described in more detail particularly in Annex 1 "Description of the procurement".

Procedure identifier: 9abbea8a-538c-4c3c-83aa-c9b6d8613090

Previous notice: 316881-2025

Internal identifier: 1716/02 10 01 00 05/2025

Type of procedure: Open

The procedure is accelerated: no

Main features of the procedure: The procurement procedure used is an open procedure, in which the contracting authority publishes a contract notice and makes available an invitation to tender, on the basis of which all interested tenderers may submit a tender. The estimated total value of the procurement during the contract period, including option periods, is EUR 2 500 000 € - 3 000 000€ (excluding VAT) for all lots combined. This figure is a non-binding estimate.

The contracting authority shall combine the lots into a single framework agreement if the same tenderer has been selected as the supplier for several lots. The operating model for the framework agreement is described in Annex A, "Framework Agreement". See also the section "Other information" - "Grounds for decision" in the invitation to tender.

2.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

2.1.2. Place of performance

Anywhere in the European Economic Area

2.1.4. General information

Legal basis:

Directive 2014/24/EU

2.1.5. Terms of procurement

Terms of submission:

Maximum number of lots for which one tenderer can submit tenders: 13

Terms of contract:

Maximum number of lots for which contracts can be awarded to one tenderer: 13

2.1.6. Grounds for exclusion

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

5. Lot

5.1. Lot: LOT-0001

Title: 1. Metagenomic sequencing short and long reads

Description: Supplier for sequencing services for metagenomic sequences. (DNA extracted from e.g. soil, water, ice, snow, plant air traps/root/stem, gut of the organism.) Target is metagenomic sequencing and sequencing library preparation. Both Long reads (PacBio or similar) and short reads (Illumina/AVITI or similar) or combination of this are part of this procurement. Maximum turnaround time is 4 weeks. Turnaround time begins when the supplier has received the sample and has checked the sample quality (quality check must be done within 2 workdays). Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready. Maximum turnaround time applies when there are equal or less than 192 samples. If there are more than 192 samples the supplier must give estimation of the turnaround time.

Internal identifier: 1-0

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT1 (Metagenomic) cell I32.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus
(Natural Resources Institute Finland)

5.1. Lot: LOT-0002

Title: 2. Transcriptomic short reads

Description: Provider for sequencing services for transcriptomic. (RNA extracted from e.g. different tissues of plant or animals or soil.) Transcriptomic library preparation using totalRNA as starting material for e.g. total RNA metatranscriptomics, gene expression profiling, rRNA depletion or Poly A (+) RNA enrichment , lncRNA, miRNA. Sequencing of libraries using Illumina/AVITI or similar or Pac-Bio or similar. Maximum turnaround time is 4 weeks. Turnaround time begins when the supplier has received the sample and has checked the sample quality (quality check must be done within 2 workdays). Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready. Maximum turnaround time applies when there are equal or less than 192 samples. If there are more than 192 samples the supplier must give estimation of the turnaround time.

Internal identifier: 2-1

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT2 (Transcriptomic) cell I37.

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

Award criterion number: 60

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 40

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

5.1. Lot: LOT-0003

Title: 4. Amplicon and metabarcoding short reads

Description: Provider for sequencing services for amplicons and metabarcoding from various sources. (The sample matrix is DNA or eDNA.), including: a. Fungi b. Bacteria c. Animals, protozoa, microscopic animals d. Animal droppings (mammalian identification) e. Plants
Amplicons and metabarcoding. PCR of gene of interest, including but not limited to 16S rRNA, 18S rRNA, COI, ITS from bacteria, archaea, fungi, protist, fish, mammals, insects. Maximum turnaround time is 4 weeks. Turnaround time begins when the supplier has received the sample and has checked the sample quality (quality check must be done within 2 workdays). Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready. Maximum turnaround time applies when there are equal or less than 192

samples. If there are more than 192 samples the supplier must give estimation of the turnaround time.

Internal identifier: 4-2

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT4 (Amplicon metabar) cell I31.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

5.1. Lot: LOT-0004

Title: 6. Sanger sequencing

Description: Provider for sequencing services for Sanger sequencing of PCR-fragments and plasmids. Maximum turnaround time is 2 weeks. Turnaround time begins when the supplier has received the sample. Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready.

Internal identifier: 6-3

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT6 (Sanger) cell I27.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

5.1. Lot: LOT-0005

Title: 7. Whole genome sequencing short reads

Description: Provider for sequencing services for whole genome sequencing. a. Viruses (DNA, RNA) b. Viruses with host (DNA and RNA) c. Bacteria d. Fungi e. Plants f. Animals Maximum turnaround time is 3 weeks. Turnaround time begins when the supplier has received the sample. Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready. Maximum turnaround time applies when there are equal or less than 5 samples. If there are more than 5 samples the supplier must give estimation of the turnaround time.

Internal identifier: 7-4

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT7 (Whole genome) cell I27.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

5.1. Lot: LOT-0006

Title: 9. Sequencing of self-made pooled libraries short reads (medium through put)

Description: Provider for sequencing services for sequencing of self-made pooled libraries.

Sequencing of libraries which customer has prepared (e.g. metagenomes, genomes, amplicons, metatranscriptomes transcriptome etc.) using short read (Illumina, AVITI or similar). Maximum turnaround time is 3 weeks. Turnaround time begins when the supplier has received the sample. Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready.

Internal identifier: 9-5

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT9 (Sequence only) cell I25.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 4

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus
(Natural Resources Institute Finland)

5.1. Lot: LOT-0007

Title: 3. Transcriptomic long reads with ≥Q30 (80%)

Description: Provider for sequencing services for transcriptomic. (RNA extracted from e.g. different tissues of plant or animals or soil.) Transcriptomic library preparation using totalRNA as starting material for e.g. total RNA metatranscriptomics, gene expression profiling, rRNA depletion or Poly A (+) RNA enrichment, lncRNA, miRNA. Sequencing of libraries using Illumina/AVITI or similar or Pac-Bio or similar. Maximum turnaround time is 4 weeks. Turnaround time begins when the supplier has received the sample and has checked the sample quality (quality check must be done within 2 workdays). Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready. Maximum turnaround time applies when there are equal or less than 8 samples. If there are more than 8 samples the supplier must give estimation of the turnaround time. Minimum of Q30 as a quality measure.

Internal identifier: 3-6

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT3 (Transcriptomic) cell I24.

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

Award criterion number: 60

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 40

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

5.1. Lot: LOT-0008

Title: 5. Amplicon and metabarcoding long reads with =Q30 (80%)

Description: Provider for sequencing services for amplicons and metabarcoding from various sources. (The sample matrix is DNA or eDNA.), including: a. Fungi b. Bacteria c. Animals, protozoa, microscopic animals d. Animal droppings (mammalian identification) e. Plants
Amplicons and metabarcoding. PCR of gene of interest, including but not limited to 16S rRNA, 18S rRNA, COI, ITS from bacteria, archaea, fungi, protist, fish, mammals, insects. Maximum turnaround time is 4 weeks. Turnaround time begins when the supplier has received the sample and has checked the sample quality (quality check must be done within 2 workdays). Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready. Maximum turnaround time applies when there are equal or less than 192 samples. If there are more than 192 samples the supplier must give estimation of the turnaround time. Minimum of Q30 as a quality measure.

Internal identifier: 5-7

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT5 (Amplicon Metabar) cell I27.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

5.1. Lot: LOT-0009

Title: 8. Whole genome sequencing long reads

Description: Provider for sequencing services for whole genome sequencing. a. Viruses (DNA, RNA) b. Viruses with host (DNA and RNA) c. Bacteria d. Fungi e. Plants f. Animals Maximum turnaround time is 3 weeks. Turnaround time begins when the supplier has received the sample. Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready. Maximum turnaround time applies when there are equal or less than 5 samples. If there are more than 5 samples the supplier must give estimation of the turnaround time.

Internal identifier: 8

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT8 (Whole genome) cell I27.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

5.1. Lot: LOT-0010

Title: 10. Sequencing of self-made pooled libraries short reads (high through put)

Description: Provider for sequencing services for sequencing of self-made pooled libraries.

Sequencing of libraries which customer has prepared (e.g. metagenomes, genomes, amplicons, metatranscriptomes transcriptome etc.) using short read (Illumina, AVITI or similar). Maximum turnaround time is 3 weeks. Turnaround time begins when the supplier has received the sample. Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready.

Internal identifier: 10-9

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT10 (Sequence only) cell I26.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 4

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

5.1. Lot: LOT-0011

Title: 13. ATAC

Description: Provider for sequencing services for ATAC. Maximum turnaround time is 4 weeks. Turnaround time begins when the supplier has received the sample and has checked the sample quality (quality check must be done within 2 workdays). Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready.
Internal identifier: 13-10

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT13 (ATAC) cell I25.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT
Duration during which the tender must remain valid: 6 Months
Information about public opening:
Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition
Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus
Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

5.1. Lot: LOT-0012

Title: 11. Sequencing of self-made pooled libraries short reads (low through put)
Description: Provider for sequencing services for sequencing of self-made pooled libraries. Sequencing of libraries which customer has prepared (e.g. metagenomes, genomes, amplicons, metatranscriptomes transcriptome etc.) using short read (Illumina, AVITI or similar). Maximum turnaround time is 3 weeks. Turnaround time begins when the supplier has received the sample. Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready.
Internal identifier: 11

5.1.1. Purpose

Main nature of the contract: Services
Main classification (cpv): 73110000 Research services
Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT11 (Sequence only) cell I24.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 4

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus
(Natural Resources Institute Finland)

5.1. Lot: LOT-0013

Title: 12. Sequencing of self-made pooled libraries long reads with =Q30 (80%)

Description: Provider for sequencing services for sequencing of self-made pooled libraries.

Sequencing of libraries which customer has prepared (e.g. metagenomes, genomes, amplicons, metatranscriptomes transcriptome etc.) using long read (PacBio or similar).

Maximum turnaround time is 3 weeks. Turnaround time begins when the supplier has received the sample. Turnaround time ends when the supplier has completed the sequencing and notified that the results are ready.

Internal identifier: 12

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73110000 Research services

Additional classification (cpv): 73111000 Research laboratory services

5.1.2. Place of performance

Anywhere in the European Economic Area

5.1.3. Estimated duration

Duration: 48 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

5.1.9. Selection criteria

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

5.1.10. Award criteria

Criterion:

Type: Price

Name: Total comparison price

Description: Total comparison price from the Annex 2 "Prices", sheet "Prices LOT12 (Sequencing long) cell I23.

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

Award criterion number: 70

Criterion:

Type: Quality

Name: Quality of the service

Description: Annex 3 "Additional services", tenderer's points cell E23.

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

Award criterion number: 30

5.1.11. Procurement documents

Deadline for requesting additional information: 11/03/2026 11:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://tarjouspalvelu.fi/luke?id=574024&tpk=8c3d16a5-9877-4b0a-a539-de2d9c49595b>

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: 31/03/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 31/03/2026 10:15:00 (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:

Framework agreement, partly without reopening and partly with reopening of competition

Maximum number of participants: 3

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Markkinaoikeus

Organisation providing more information on the review procedures: Luonnonvarakeskus (Natural Resources Institute Finland)

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

8.1. ORG-0002

Official name: Luonnonvarakeskus (Natural Resources Institute Finland)

Registration number: 0244629-2

Postal address: PL 2 (Latokartanonkaari 9)

Town: Helsinki

Postcode: 00791

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

Country: Finland

Contact point: Hansel Oy, Satu Salminen

Email: kilpailutus@hansel.fi

Telephone: +358 294444227

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

Roles of this organisation:

Buyer

Organisation providing more information on the review procedures

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: 81ad9683-b326-4909-bc93-6539eeee6189 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 16

Notice dispatch date: 27/02/2026 14:00:18 (UTC+00:00) Western European Time, GMT

Notice dispatch date (eSender): 27/02/2026 14:00:31 (UTC+00:00) Western European Time, GMT

Languages in which this notice is officially available: English

Notice publication number: 145705-2026

OJ S issue number: 43/2026

Publication date: 03/03/2026