

Finland-Helsinki: Research laboratory services
OJ S 84/2023 28/04/2023
Contract notice
Services

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Natural Resources Institute Finland
National registration number: 0244629-2
Postal address: P.O. Box 2 (Latokartanonkaari 9)
Town: Helsinki
NUTS code: FI1 Manner-Suomi
Postal code: 00791
Country: Finland
Contact person: Registry
E-mail: kirjaamo@luke.fi
Telephone: +358 295326000
Internet address(es):
Main address: <https://www.luke.fi/en>

I.3. Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tarjouspalvelu.fi/luke?id=451253&tpk=d6972e16-8f14-458e-9d07-2623396dbeca>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://tarjouspalvelu.fi/luke?id=451253&tpk=d6972e16-8f14-458e-9d07-2623396dbeca>

I.4. Type of the contracting authority

National or federal agency/office

I.5. Main activity

General public services

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Service for genotyping rainbow trout individuals
Reference number: 810/02 10 01 00 05/2023

II.1.2. Main CPV code

73111000 Research laboratory services

II.1.3. Type of contract

Services

II.1.4. Short description

Luke is looking for a service provider for genotyping of rainbow trout individuals with a minimum of 20.000 SNP markers.

The genotyping will be done for a total of 20.000 individuals during 2.5 years from the start of the contract.

One service provider will be selected as a contract supplier.

The procurement may be completely suspended if the budget set by the contracting entity for the procurement is exceeded.

II.1.5. Estimated total value

Value excluding VAT: 290 000,00 EUR

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.3. Place of performance

NUTS code: FI1 Manner-Suomi

II.2.4. Description of the procurement

Luke is looking for a service provider for genotyping of rainbow trout individuals with a minimum of 20.000 SNP markers. The genotype data of individuals will be combined with their phenotypes to study, for example, the genomic inheritance of the fish traits, to determine genetic sex, and to perform genomic evaluations in selective breeding. To make powerful genomic analysis across generations and data sets, the genotype data produced by the service provider will be combined by Luke with the Luke's existing genotype data sets generated previously by Axiom™ Trout Genotyping Array (that has 57 501 SNP markers; 384 format). The samples sent to the service provider can be potentially used again by Luke in some future laboratory analysis, and hence they remain valuable for Luke even after the service providers has completed their analysis.

-The SNP panel to be used by the service provider should have a minimum of 20.000 SNP markers to ensure a reasonable coverage of the trout genome.

-Some of the SNP markers should be Y chromosome-specific SNPs near the sdY gene (male-specific in rainbow trout).

-Most of the 20.000 SNP markers need to be a subset of the SNP markers in the Axiom™ Trout Genotyping Array which has 57,501 markers.

-The data from the 20.000 markers needs to be equivalent with the data produced by the respective markers of Axiom™ Trout Genotyping Array.

-Luke will send fin tissue samples of individuals to the service provider in QR and bar-coded tubes (very few are in well plates). The samples will be sent in batches of around 2000-5000 fish. Luke covers the shipment costs.

The service provider will:

-Extract DNA from the individual fin clips,

-Generate SNP information on each fish,

-Return the remaining tissue of each sample in the form of homogenate or the tissue itself in the individual QR coded tubes,

-Cover the shipment costs of returning the samples,

-Return all genotype data to Luke in a digital form. In the data, each sample has an individual code of the tube to which the individual's SNP data will be connected.

Luke remains the owner of the data, and the service provider does not own the data.

The genotyping will be done for a total of 20.000 individuals during 2.5 years from the start of the contract.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 290 000,00 EUR

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 30

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Optionally, among the contracted 20.000 tissue samples, some of the samples could be on Atlantic salmon and would be analysed for a minimum of 20.000 Atlantic salmon SNP markers.

II.2.13. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds:
no

II.2.14. Additional information

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.2. Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3. Technical and professional ability

Selection criteria as stated in the procurement documents

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Open procedure

IV.1.3. Information about a framework agreement or a dynamic purchasing system

IV.1.8. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: yes

IV.2. Administrative information

IV.2.2. Time limit for receipt of tenders or requests to participate

Date: 29/05/2023 Local time: 12:00

IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates

IV.2.4. Languages in which tenders or requests to participate may be submitted
Finnish, English

IV.2.6. Minimum time frame during which the tenderer must maintain the tender
Duration in months: 6 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 29/05/2023 Local time: 12:30

Information about authorised persons and opening procedure: The tenders will be opened electronically. Tenderers will not be able to participate in the opening.

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.2. Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3. Additional information

The Natural Resources Institute Finland uses the Finnish government's common electronic order and invoice processing system, the Handi service. Purchases are allocated through the system to valid contracts and ordered through the electronic system.

The Natural Resources Institute Finland only approves, processes and archives invoices in electronic form that are compliant with the European Standard. Invoices are requested to be sent as an electronic invoice through OpusCapita Solutions Oy, which acts as the Finnish government's e-invoice operator. We will return the received paper invoices to the biller.

We require that the invoice include an order number or contract number so that our invoice processing system can automatically assign an invoice to the associated order.

VI.4. Procedures for review

VI.4.1. Review body

Official name: Markkinaoikeus

Postal address: Sörnäistenkatu 1

Town: Helsinki

Postal code: 00580

Country: Finland

E-mail: markkinaoikeus@oikeus.fi

Telephone: +358 295643300

Internet address: <http://www.oikeus.fi/markkinaoikeus>

VI.5. Date of dispatch of this notice

26/04/2023