

**Finland-Helsinki: Research laboratory services**  
**OJ S 168/2023 01/09/2023**  
**Contract award notice**  
**Services**

**Legal Basis:**

Directive 2014/24/EU

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**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](mailto:kirjaamo@luke.fi)

Telephone: +358 295326000

**Internet address(es):**

Main address: <https://www.luke.fi/en>

**I.4. Type of the contracting authority**

National or federal agency/office

**I.5. Main activity**

General public services

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**Section II: Object**

**II.1. Scope of the procurement**

**II.1.1. Title**

Service for genotyping rainbow trout individuals

**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.1.6. Information about lots**

This contract is divided into lots: no

### **II.1.7. Total value of the procurement**

Value excluding VAT: 290 000,00 EUR

## **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**

Quality criterion - Name: Quality, delivery time / Weighting: 15

Quality criterion - Name: Quality, starting time of the service / Weighting: 5

Quality criterion - Name: Quality, analyzing the Atlantic salmon / Weighting: 10

Price - Weighting: 70

### **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 IV: Procedure**

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### **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.2.1. Previous publication concerning this procedure**

Notice number in the OJ S: [2023/S 084-250022](#)

#### **IV.2.8. Information about termination of dynamic purchasing system**

#### **IV.2.9. Information about termination of call for competition in the form of a prior information notice**

## **Section V: Award of contract**

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### **Title:**

Service for genotyping rainbow trout individuals

A contract/lot is awarded: yes

### **V.2. Award of contract**

#### **V.2.1. Date of conclusion of the contract**

13/07/2023

#### **V.2.2. Information about tenders**

Number of tenders received: 2

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 2

Number of tenders received by electronic means: 2

The contract has been awarded to a group of economic operators: no

#### **V.2.3.**

**Name and address of the contractor**

Official name: Neogen Europe  
National registration number: GB 717 2081 53  
Postal address: Auchincruive House, Auchincruive  
Town: Ayr  
NUTS code: UKM94 South Ayrshire  
Postal code: KA6 5HU  
Country: United Kingdom  
The contractor is an SME: no

**V.2.4. Information on value of the contract/lot**

Initial estimated total value of the contract/lot: 290 000,00 EUR  
Total value of the contract/lot: 290 000,00 EUR

**V.2.5. Information about subcontracting****Section VI: Complementary information**

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**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: Radanrakentajankatu 5  
Town: Helsinki  
Postal code: 00520  
Country: Finland  
E-mail: [markkinaoikeus@oikeus.fi](mailto:markkinaoikeus@oikeus.fi)  
Telephone: +358 295643300  
Internet address: <http://www.oikeus.fi/markkinaoikeus>

**VI.5. Date of dispatch of this notice**

29/08/2023