

Finland-Helsinki: Research laboratory services

OJ S 25/2019 05/02/2019

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: FI02446292

Postal address: PO Box 2 (Latokartanonkaari 9)

Town: Helsinki

NUTS code: FI Suomi / Finland

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://hanki.tarjouspalvelu.fi/hanki>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://hanki.tarjouspalvelu.fi/hanki?id=217474&tpk=c7c5635f-5aaa-4a07-9e8a-a14d9f601988>**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 of Rainbow Trout Individuals with Axiom Rainbow trout Genotyping Array

Reference number: 72/02 10 01 00 05/2019

II.1.2. Main CPV code

73111000 Research laboratory services

II.1.3. Type of contract

Services

II.1.4. Short description

Luke needs a service for genotyping of rainbow trout individuals with Axiom Rainbow trout Genotyping Array (384 format).

II.1.5. Estimated total value

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.3. Place of performance

NUTS code: FI Suomi / Finland

II.2.4. Description of the procurement

Luke needs a service for genotyping of rainbow trout individuals with the ThermoFisher Axiom Rainbow trout Genotyping Array (384 format). The SNP array to be used is the ThermoFisher Axiom Trout Genotyping Array (384 format) for ~57,501 markers in 384 format to ensure a broad coverage of the trout genome to provide representation of all regions in the genome. The Axiom Trout Genotyping Array has comprehensive content: The array includes 57 501 markers spaced across the genome as follows:

- 17 000 markers that are unique to SNPs discovered in a previous USDA study 1,
- 20 000 markers unique to an outbred Norwegian commercial population,
- amino acid shifting SNPs,
- SNPs preferentially located within a gene and with minor allele frequency (MAF) >0.2,
- Y chromosome-specific SNPs near the sdY gene (male-specific in rainbow trout).

Luke will send fin tissue samples to the service provider (Eppendorf tubes and well-plates with individual codes) and the service provider will:

- extract DNA from the fin clips,
- use Axiom Trout Genotyping Array (384 format) to generate SNP information on each fish,
- return the remaining tissue of each sample in the form of homogenate or the tissue itself,
- return all data to Luke. Each sample has an individual code to which the SNP data will be connected. The genotyping will be done approximately for a total of 3840 individuals, ~2688 individuals in year 2019 and 1152 individuals in years 2020-2021.

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

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

Duration in months: 36

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: no

II.2.13. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds: yes

Identification of the project: Service is needed for genome-wide mapping in three projects, of which two receive EU-funding: -Genomic and nutritional innovations for genetically superior farmed fish to improve efficiency in European aquaculture (AqualMPACT). H2020-BG-2018-1 Grant Agreement number 818367. -Vesiviljelyn innovaatio-ohjelma. Euroopan Meri- ja Kalatalousrahaisto 2014-2020. Project 33436.

II.2.14. Additional information

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: no

IV.2. Administrative information

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

Date: 04/03/2019 Local time: 14:00

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

English, Finnish

IV.2.6. Minimum time frame during which the tenderer must maintain the tender

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 04/03/2019 Local time: 15:00

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 invoicing will be accepted

VI.3. Additional information

Luke processes and archives its purchase invoices electronically. Electronic invoicing is accepted in accordance with Luke's electronic invoicing instructions.

VI.4. Procedures for review

VI.4.1. Review body

Official name: Markkinaoikeus

Postal address: Radanrakentajantie 5

Town: Helsinki

Postal code: 00520

Country: Finland

E-mail: markkinaoikeus@oikeus.fi

Telephone: +358 295643300

Fax: +358 295643314

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

VI.5. Date of dispatch of this notice

01/02/2019