

Finland-Helsinki: Research laboratory services
OJ S 103/2018 01/06/2018
Contract notice
Services

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: National Institute for Health and Welfare

National registration number: 2229500-6

Postal address: PL 30

Town: Helsinki

NUTS code: FI1B Helsinki-Uusimaa

Postal code: 00271

Country: Finland

E-mail: jenni.tiainen@thl.fi

Internet address(es):

Main address: <https://thl.fi/en/web/thlfi-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=180477&tpk=38d8fde0-5aa1-4b19-9f6f-e76f99f4b1ab>

I.4. Type of the contracting authority

National or federal agency/office

I.5. Main activity

Health

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Next-generation Sequencing Services 2018-2020 (2021, 2022)

Reference number: THL/649/7.01.04/2018

II.1.2. Main CPV code

73111000 Research laboratory services

II.1.3. Type of contract

Services

II.1.4. Short description

National Institute for Health and Welfare (later referred to as "THL" or "Customer") invites you to submit a tender according to this Invitation to tender and its Annexes for Next-generation Sequencing Services. The Service provider can submit a tender for one or more procurement sub-areas. Each procurement sub-area will be evaluated independently.

— Sub-area A: Bacterial and fungal DNA Amplicon sequencing

— Sub-area B: Bacterial DNA Extraction and whole genome sequencing.

II.1.5. Estimated total value

II.1.6. Information about lots

This contract is divided into lots: yes

Tenders may be submitted for all lots

II.2. Description

II.2.1. Title

Sub-area A: Bacterial and Fungal DNA Amplicon Sequencing

Lot No: 1.

II.2.2. Additional CPV code(s)

73111000 Research laboratory services

II.2.3. Place of performance

NUTS code: FI Suomi / Finland

NUTS code: FIZ Extra-Regio NUTS 1

II.2.4. Description of the procurement

THL has prepared or will prepare DNA and RNA extracts of samples from natural and man-made environments and humans for microbiological characterization. The microbiome targets include primarily bacteria (16S rRNA) and fungi (ITS sequence), but may also include eg. archaea and protozoa (18S rRNA). Amplicon sequencing service (complete service from nucleic acids): We will ship the nucleic acids (DNA and/or cDNA samples) to be sequenced, typically in 15-50 µl volume, to the service provider. We will ship the samples in several batches. A typical batch size will be 100 to 500 samples, but batches may be also smaller or larger on occasion. We expect the service provider to store the remainder of the sample batch for possible later sequencing up to one year and/or communicate with THL returning unused nucleic acids. We also expect the service provider to discuss in detail PCR and sequencing conditions for each batch to be processed beforehand. Post PCR and prior to sequencing, we request agarose gel pictures with sample identification that are used to decide on success of PCR amplification of the sample DNA. The exact total number of samples or the total number of batches per each amplicon target (bacteria, fungi, others) is not known. All batches will contain at least one negative and one positive control (mock community) sample. In total, we are anticipating to request bacterial and fungal amplicon sequencing service of several batches between 100 and 500 samples within the first 12 months, and similar throughput for following years.

II.2.5. Award criteria

Criteria below

Quality criterion - Name: Quality / Weighting: 30

Price - Weighting: 70

II.2.6. Estimated value

II.2.7.

Duration of the contract, framework agreement or dynamic purchasing system

Start: 01/08/2018 End: 31/07/2020

This contract is subject to renewal: yes

Description of renewals:

The procurement contains 2 option years to extend the contract. The Customer can extend the contract 1 year at a time. The Customer will supply a written notification of extension before the end of the calendar year of the previous contract or option period.

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:
no

II.2.14. Additional information

II.2. Description

II.2.1. Title

Sub-area B: Bacterial DNA Extraction and Whole Genome Sequencing
Lot No: 2.

II.2.2. Additional CPV code(s)

73111000 Research laboratory services

II.2.3. Place of performance

NUTS code: FI Suomi / Finland

NUTS code: FIZ Extra-Regio NUTS 1

II.2.4. Description of the procurement

Bacterial DNA extraction and whole genome sequencing service (complete service from nucleic acids or from a bacterial strain) THL will purchase both bacterial DNA extraction and whole genome sequencing service or just the latter depending on our needs. Bacterial cultures or bacterial DNA extracts of bacterial isolates from clinical human cases will be produced by the customer. The bacterial cultures sent for DNA extraction belong to biosafety level 2 or 2+ (BSL-2 or BSL-2+), e.g. *Streptococcus pneumoniae*. The bacterial cultures will be inactivated before shipping. The total amount of samples to be sequenced (DNA samples and bacterial strains) is 700-2000 per contract year. The amount of DNA samples is approximately 200-1000 per contract year and the amount of inactivated bacterial strains is approximately 500-1000 per contract year. We will ship the DNA samples to be sequenced, typically in 30-70 µl volume, to the service provider. The non-viable pelleted bacterial cultures will be shipped in safe-lock tubes to the service provider. We will preferably grow the bacterial cultures on agar plates and under the conditions suitable for each bacterial species. We will ship the DNA samples/bacterial cultures in several batches. A typical batch size will be 96 or 192 samples, but batches may be also smaller on occasion. THL uses Illumina sequencing technology in house and the sequence data produced by the service provider must be comparable with the sequence data obtained in THL. The requirements for the data produced by the service provider are specified in the minimum requirements section. The sequence data will be used for microbiological strain typing and characterization.

II.2.5. Award criteria

Criteria below

Quality criterion - Name: Quality / Weighting: 30

Price - Weighting: 70

II.2.6. Estimated value

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

Start: 01/08/2018 End: 30/07/2020

This contract is subject to renewal: yes

Description of renewals:

The procurement contains 2 option years to extend the contract. The Customer can extend the contract 1 year at a time. The customer will supply a written notification of extension before the end of the calendar year of the previous contract or option period.

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:
no

II.2.14. Additional information

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions:

Please see Invitation to tender and the European single procurement document (ESPD).

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

III.2. Conditions related to the contract

III.2.2. Contract performance conditions

Please see Invitation to tender and the European single procurement document (ESPD).

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: 06/07/2018 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

English

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: 10/07/2018 Local time: 09:00

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

VI.4. Procedures for review

VI.4.1. Review body

Official name: The Market Court

Postal address: Radanrakentajantie 5

Town: Helsinki

Postal code: 00520

Country: Finland

E-mail: markkinaoikeus@oikeus.fi

Fax: +358 295643314

Internet address: <http://www.markkinaoikeus.fi/en/index.html>

VI.5. Date of dispatch of this notice

31/05/2018