

**Finland-Helsingin yliopisto: Services provided by medical laboratories**

OJ S 201/2023 18/10/2023

Contract award notice

Services

**Legal Basis:**

Directive 2014/24/EU

**Section I: Contracting authority**

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**I.1. Name and addresses**

Official name: Helsingin yliopisto  
National registration number: 0313471-7  
Postal address: Yliopistonkatu 3  
Town: Helsingin yliopisto  
NUTS code: FI1B1 Helsinki-Uusimaa  
Postal code: 00014  
Country: Finland  
E-mail: [hankinnat@helsinki.fi](mailto:hankinnat@helsinki.fi)  
**Internet address(es):**  
Main address: <https://www.helsinki.fi/fi>

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

Body governed by public law

**I.5. Main activity**

Education

**Section II: Object**

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**II.1. Scope of the procurement****II.1.1. Title**

Next generation sequencing services for DECIDER

**II.1.2. Main CPV code**

85145000 Services provided by medical laboratories

**II.1.3. Type of contract**

Services

**II.1.4. Short description**

The following services will be purchased in two separate lots where providers can differ. Firstly, high-throughput sequencing for Whole Genome sequencing (WGS), Whole Genome Bisulfite Sequencing (WGBS), and RNA sequencing (RNA-seq) services. Secondly, circulating tumor DNA (ctDNA) sequencing services including DNA extraction, and high-throughput sequencing for whole-genome shallow sequencing (sWGS) and whole-exome sequencing (WES). All services should include quality control measurements and library preparations. In the first part, estimated samples per year for WGS is 100-200, for RNA-seq 100-150 and for WGBS ~50. These samples are provided as extracted DNA and RNA. In the second part, we estimate to sequence ~80 samples for sWGS and ~40 for WES per year. Since these plasma

samples are provided before extraction and may have too low amount of DNA, extraction is needed for ~150 samples per year.

The study is part of an ongoing EU project DECIDER led by Professor Sampsa Hautaniemi at the University of Helsinki. The project builds on existing data received from previous sequencing for this project which was produced according to the procedures described in the invitation to tender section VI.4) Other information: "Content of the services", and thus the sequencing data purchased from the service provider(s) should be compatible with these data types.

#### **II.1.6. Information about lots**

This contract is divided into lots: yes

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

Value excluding VAT: 490 000,00 EUR

### **II.2. Description**

#### **II.2.1. Title**

Lot 1. Library preparation and high-throughput sequencing for whole-genome, whole-genome bisulfite and RNA sequencing

Lot No: 1

#### **II.2.2. Additional CPV code(s)**

85145000 Services provided by medical laboratories

#### **II.2.3. Place of performance**

NUTS code: FI1B1 Helsinki-Uusimaa

#### **II.2.4. Description of the procurement**

The following services will be purchased. High-throughput sequencing for Whole Genome sequencing (WGS), Whole Genome Bisulfite Sequencing (WGBS), and RNA sequencing (RNA-seq) services. All services should include quality control measurements and library preparations.

Estimated sample number per year for WGS is 100-200 and RNA-seq are 100-150 per year and for WGBS ~50 per year. These samples are provided as extracted DNA and RNA.

The study is part of an ongoing EU project DECIDER led by Professor Sampsa Hautaniemi at the University of Helsinki. The project builds on existing data received from previous sequencing for this project which was produced according to the procedures described in the invitation to tender section VI.4) Other information: "Content of the services", and thus the sequencing data purchased from the service provider(s) should be compatible with these data types.

An agreement starting at July 2023 and lasting 31 months will be signed of the services. One or many services will be ordered in smaller batches. For each order a separate sub-agreement needs to be prepared and signed to define requested services, number of samples, up-to-date prices and deadline for data delivery.

#### **II.2.5. Award criteria**

Quality criterion - Name: Detailed description of library and/or sequencing design / Weighting: 21

Quality criterion - Name: Amount and quality of data guaranteed / Weighting: 17

Quality criterion - Name: Limitations etc. / Weighting: 7

Quality criterion - Name: Delivery / Weighting: 9

Quality criterion - Name: Sample requirements / Weighting: 6

Price - Weighting: 40

#### **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: European Union project DEDICER, grant agreement no 965193.

#### **II.2.14. Additional information**

##### **II.2. Description**

##### **II.2.1. Title**

Lot 2. DNA extraction, quality control, library preparation and high-throughput sequencing of ctDNA-samples for sWGS and WES

Lot No: 2

##### **II.2.2. Additional CPV code(s)**

85145000 Services provided by medical laboratories

##### **II.2.3. Place of performance**

NUTS code: FI1B1 Helsinki-Uusimaa

##### **II.2.4. Description of the procurement**

The following services will be purchased. Circulating tumor DNA (ctDNA) sequencing services including DNA extraction, and high-throughput sequencing for whole-genome shallow sequencing (sWGS) and whole-exome sequencing (WES). All services should include quality control measurements and library preparations.

We estimate to sequence ~80 samples for sWGS and ~40 for WES. Since these plasma samples are provided before extraction and may have too low amount of DNA, extraction is needed for ~150 samples per year.

The study is part of an ongoing EU project DECIDER led by Professor Sampsa Hautaniemi at the University of Helsinki. The project builds on existing data received from previous sequencing for this project which was produced according to the procedures described in the invitation to tender section VI.4) Other information: "Content of the services", and thus the sequencing data purchased from the service provider(s) should be compatible with these data types, mainly NEBNext Ultra II DNA Library Prep Kit and Novaseq 6000 sequencing.

An agreement starting at July 2023 and lasting 31 months will be signed of the services. One or many services will be ordered in smaller batches. For each order a separate sub-agreement needs to be prepared and signed to define requested services, number of samples, up-to-date prices and deadline for data delivery.

##### **II.2.5. Award criteria**

Quality criterion - Name: Price / Weighting: 40

Quality criterion - Name: Detailed description of DNA extraction, library and/or sequencing design / Weighting: 23

Quality criterion - Name: Amount and quality of data guaranteed / Weighting: 21

Quality criterion - Name: Delivery / Weighting: 8

Quality criterion - Name: Sample requirements / Weighting: 8

Price - Weighting: 40

#### **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: European Union project DEDICER, grant agreement no 965193.

### 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 058-170281](#)

#### 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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### Lot No: 1

#### Title:

Lot 1. Library preparation and high-throughput sequencing for whole-genome, whole-genome bisulfite and RNA sequencing

A contract/lot is awarded: yes

### V.2. Award of contract

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

05/10/2023

#### V.2.2. Information about tenders

Number of tenders received: 8

Number of tenders received from SMEs: 4

Number of tenders received by electronic means: 8

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

#### V.2.3. Name and address of the contractor

Official name: NOVOGENE UK COMPANY LIMITED

National registration number: GB273975163  
Postal address: 25 Cambridge Science Park CAMBRIDGE  
Town: Cambridge  
NUTS code: UK United Kingdom  
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: 400 000,00 EUR  
Total value of the contract/lot: 400 000,00 EUR

**V.2.5. Information about subcontracting**

**Section V: Award of contract**

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**Lot No: 2**

**Title:**

Lot 2. DNA extraction, quality control, library preparation and high-throughput sequencing of ctDNA-samples for sWGS and WES

A contract/lot is awarded: yes

**V.2. Award of contract**

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

04/09/2023

**V.2.2. Information about tenders**

Number of tenders received: 8  
Number of tenders received from SMEs: 4  
Number of tenders received by electronic means: 8  
The contract has been awarded to a group of economic operators: no

**V.2.3. Name and address of the contractor**

Official name: Biomarker Technologies BMK GmbH  
National registration number: DE353057045  
Postal address: BioZ, Johann-Krane Weg 42  
Town: Münster Germany  
NUTS code: DE Deutschland  
Postal code: 48149  
Country: Germany  
The contractor is an SME: yes

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

Initial estimated total value of the contract/lot: 90 000,00 EUR  
Total value of the contract/lot: 90 000,00 EUR

**V.2.5. Information about subcontracting**

**Section VI: Complementary information**

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**VI.3. Additional information**

## **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](mailto:markkinaoikeus@oikeus.fi)

Telephone: +358 295643300

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

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

13/10/2023