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Contract

## **Cloud Infrastructure, Trusted Research Environment, and Researcher Billing Contract**

OUR FUTURE HEALTH

F03: Contract award notice

Notice identifier: 2022/S 000-027822

Procurement identifier (OCID): ocids-h6vhtk-03030c

Published 4 October 2022, 12:19pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

OUR FUTURE HEALTH

6 Stanley Street

SALFORD

M35GS

#### **Contact**

CURSHAW Ltd, acting on behalf of Our Future Health

#### **Email**

[ourfuturehealth@curshaw.com](mailto:ourfuturehealth@curshaw.com)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Charity Commission (England and Wales)**

1189681

**Internet address(es)**

Main address

<https://ourfuturehealth.org.uk/>

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

Other type

Health Research and Development

#### **I.5) Main activity**

Other activity

Health research

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## **Section II: Object**

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

#### **II.1.1) Title**

Cloud Infrastructure, Trusted Research Environment, and Researcher Billing Contract

Reference number

OFH-CITRERB-20220303

#### **II.1.2) Main CPV code**

- 72222300 - Information technology services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

Our Future Health aims to be the UK's largest ever health research programme. It is designed to help people live healthier lives for longer through the discovery and testing of more effective approaches to prevention, earlier detection and treatment of diseases.

Our Future Health aims to procure:

- secure and scalable public cloud infrastructure to support our health research programme
- a trusted research environment (TRE) to enable registered and approved researchers to access and use data within a secure environment
- a partner to manage the billing of cloud compute and storage costs for researchers using the TRE

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

This contract is divided into lots: Yes

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £1,970,000

## **II.2) Description**

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

Cloud infrastructure

Lot No

1

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

- 72222300 - Information technology services

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

NUTS codes

- UK - United Kingdom

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

Our Future Health aims to procure secure and scalable public cloud infrastructure to support a health research programme. The selected supplier will be one of our most important technology partners as we build and scale our systems. The cloud infrastructure will underpin web sites and apps used by our participants, a data store and data processing systems, a trusted research environment (TRE) and associated systems used by researchers from around the world, and underlying systems to operate and monitor the programme.

The selected supplier will provide UK hosting for secure public cloud infrastructure with a comprehensive set of standard compute, storage and infrastructure services. We are interested to work with cloud providers that have good availability of TRE providers already working within their systems.

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

Price

### **II.2.11) Information about options**

Options: Yes

Description of options

Extensions of up to 12 months (per renewal) subject to a maximum Term of 5 years in

total

## **II.2) Description**

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

Trusted research environment

Lot No

2

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

- 72222300 - Information technology services

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

NUTS codes

- UK - United Kingdom

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

Our Future Health is planning to procure a trusted research environment (TRE) to enable registered researchers to access and use data within a single secure environment to conduct approved research studies. The success of Our Future Health rests on the research that is done with the data and the cohort, together with our commitment to robust security, strict governance and participant confidentiality. A TRE is an environment, that may be cloud-based, that allows registered researchers working on an approved study to conduct analysis on de-identified or pseudonymised datasets in a secure manner, where export of results data is permitted but exports of individual level data is not permitted. It is expected that a TRE will create a separate partitioned workspace for each approved study, allow registered researchers to use a variety of common tools for data science, analysis, and research (including large-scale genomic analysis), to upload additional tools and datasets subject to the security restrictions of the environment, to have flexibility in their use of compute and storage resources. A TRE should maintain the access control and secure boundary to prevent unauthorised access to or download of data, and to maintain auditable access and usage logs.

The selected TRE (lot 2) will be expected to run on the selected cloud infrastructure (lot 1), with the selected provider of researcher billing (lot 3) providing services to manage the cost and billing of cloud usage by researchers in the TRE.

We hope to have a beta version of a TRE tested and launched by the end of Q3 2022, and a full version tested and launched by the end of Q4 2022.

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

Price

## **II.2.11) Information about options**

Options: Yes

Description of options

Extensions of up to 12 months (per renewal) subject to a maximum Term of 5 years in total

## **II.2) Description**

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

Researcher billing

Lot No

3

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

- 48444100 - Billing system
- 72222300 - Information technology services

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

NUTS codes

- UK - United Kingdom

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

In order to provide a scalable and flexible service, where researchers can use the cloud resources that they need, we anticipate a system where researchers pay for their own cloud storage and compute within their TRE workspace. We are therefore planning to procure a partner who can meet the following requirements, working together with the selected provider of public cloud infrastructure (lot 1) or the selected TRE (lot 2):

- Billing of researchers and collection of payments to be handled by a supplier or partner, not by Our Future Health.

- Our Future Health shall not be liable for the costs of researchers' compute and storage within the TRE.
- Our Future Health shall not incur data transfer charges between the primary data store and the TRE.
- Cloud pricing shall be uniform for both Our Future Health's usage and researcher usage.

Bidders cannot bid for Lot 3 alone and must bid for both or either Lot 1 and/or Lot 2.

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

Price

#### **II.2.11) Information about options**

Options: Yes

Description of options

Extensions of up to 12 months (per renewal) subject to a maximum Term of 5 years in total

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **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: [2022/S 000-006084](#)

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## Section V. Award of contract

### Lot No

1

### Title

Cloud infrastructure

A contract/lot is awarded: Yes

### V.2) Award of contract

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

2 September 2022

#### V.2.2) Information about tenders

Number of tenders received: 7

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

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

Microsoft Limited

Reading

RG6 1WG

Country

United Kingdom

NUTS code

- UK - United Kingdom

Companies House

01624297

The contractor is an SME



No

**V.2.4) Information on value of contract/lot (excluding VAT)**

Lowest offer: £0.01 / Highest offer: £1,719,573.54 taken into consideration

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**Section V. Award of contract**

**Lot No**

2

**Title**

Trusted research environment

A contract/lot is awarded: Yes

**V.2) Award of contract**

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

2 September 2022

**V.2.2) Information about tenders**

Number of tenders received: 6

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

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

DNAnexus Inc.

California

Country

United States

NUTS code

- US - United States

Justification for not providing organisation identifier

Not on any register

The contractor is an SME

No

#### **V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £1,970,000

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## **Section V. Award of contract**

### **Lot No**

3

### **Title**

Researcher billing

A contract/lot is awarded: Yes

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

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

2 September 2022

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

Number of tenders received: 5

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

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

DNAexus Inc.

California

Country

United States

NUTS code

- US - United States

Justification for not providing organisation identifier

Not on any register

The contractor is an SME

No

#### **V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £20,000

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Public Procurement Review Service (PPRS)

London

Country

United Kingdom