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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

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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

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

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

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](#)

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

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

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

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Public Procurement Review Service (PPRS)

London

Country

United Kingdom