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Tender

Whole Genome Sequencing (WGS) Long Read Instruments & Consumables

Genomics England

F02: Contract notice

Notice identifier: 2022/S 000-003340

Procurement identifier (OCID): ocds-h6vhtk-0313a7

Published 5 February 2022, 10:44pm

Section I: Contracting authority

I.1) Name and addresses

Genomics England

Dawson Hall, Charterhouse Square

London

EC1M 6BQ

Contact

Paul Nicholson

Email

paul.nicholson@genomicsengland.co.uk

Telephone

+44 2078825030

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

www.genomicsengland.co.uk

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://genomicsengland.bravosolution.co.uk>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://genomicsengland.bravosolution.co.uk>

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

Other activity

Heath Technology

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Whole Genome Sequencing (WGS) Long Read Instruments & Consumables

Reference number

GEL-SR-291-21

II.1.2) Main CPV code

- 33696500 - Laboratory reagents

II.1.3) Type of contract

Supplies

II.1.4) Short description

The supply of instruments and consumables that provides a solution to enable investigations into methylation (5mC,5hmC), structural variant calling, copy number variant analysis and single nucleotide polymorphisms (SNP) detection, using native DNA sequencing for up to 3000 Diversity participant samples and 1000 Cancer participant samples.

II.1.5) Estimated total value

Value excluding VAT: £4,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 33140000 - Medical consumables
- 33190000 - Miscellaneous medical devices and products
- 33696200 - Blood-testing reagents

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Hinxton, Cambridge

II.2.4) Description of the procurement

Genomics England (GEL) wants to explore long-read and methylation sequencing in cancer within the NHS and accurately to sequence genomes of under-represented and diverse ancestries with a view that this novel technology could open opportunities to identify not only known genomic features and aberrations but also those that are currently unidentifiable using existing sequencing technologies. This could facilitate immediate returns in diagnostic value to the NHS and reaping more meaningful rewards in the near future through more thorough analysis of the whole genome.

Long-read analytical methods are still in their infancy, GEL is building a knowledge hub around the trusted research environment for individuals to train their methods; in turn these methods feed into the clinical pipeline of the future. Nurturing the research environment will permit the discovery of new diagnostic and prognostic markers as well as potential new targets for drug discovery to benefit patients in the future.

GEL has a requirement to purchase Long Read sequencing technology to fulfil its needs in relation to the Cancer and Diversity Programmes.

The requirement is to provide sufficient sequencing instruments and necessary consumables and kit to meet the current and forecasted need at GEL's Hinxton Lab and at 3 GLH sites for FY 22/23. The requirement also includes appropriate support & maintenance and licenses required for operation.

The anticipated forecast is set at 3000 Diversity participant samples and 1000 Cancer participant samples in this period.

There will be an optional requirement within the contract to provide sufficient instruments and consumables for up to a further 1000 Diversity participants and 500 Cancer participants to meet additional unplanned demand. There is no guarantee or warranty that

the optional requirements will be purchased and tender responses relating to such optional requirements will not be evaluated.

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

Value excluding VAT: £4,000,000

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

Start date

1 April 2022

End date

31 March 2023

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: No

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

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

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

Date

7 March 2022

Local time

12:00pm

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

7 March 2022

Local time

12:00pm

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 payment will be used

VI.4) Procedures for review

VI.4.1) Review body

The High Court

Strand

London

WC2A 2LL

Country

United Kingdom