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Planning

Supply and Support of High Through Put DNA Extraction Systems

NHS Blood and Transplant

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-037006

Procurement identifier (OCID): ocds-h6vhtk-04b6cf

Published 15 November 2024, 12:23pm

Section I: Contracting authority

I.1) Name and addresses

NHS Blood and Transplant

500 North Bristol Park

Bristol

BS34 7QH

Contact

Coco Otiotio

Email

coco.otiotio@nhsbt.nhs.uk

Telephone

+44 7385435288

Country

United Kingdom

Region code

UKK11 - Bristol, City of

Internet address(es)

Main address

<https://www.nhsbt.nhs.uk/>

Buyer's address

<https://www.nhsbt.nhs.uk/>

I.3) Communication

Additional information can be obtained from the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://health-family.force.com/s/Welcome>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Health

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Supply and Support of High Through Put DNA Extraction Systems

II.1.2) Main CPV code

- 33100000 - Medical equipments

II.1.3) Type of contract

Supplies

II.1.4) Short description

Supply and Support of High Through Put DNA Extraction Systems

II.1.5) Estimated total value

Value excluding VAT: £2,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 33000000 - Medical equipments, pharmaceuticals and personal care products

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Supply and Support of High Through Put DNA Extraction Systems

NHS Blood & Transplant (NHSBT) Histocompatibility & Immunogenetics function intends to under take a tender exercise for the supply and support high throughput DNA extraction

systems suitable for clinical work.

Histocompatibility & Immunogenetics (H&I) is a strategic business function of NHSBT, that provides a portfolio of testing, advice and support in transplantation, platelet refractoriness and transfusion.

Services are supplied through a national network of seven laboratories across England. We would like to work with future suppliers of choice to perform DNA extraction in an efficient, timely and cost-effective manner to meet the demands and expectations of our customers and the patients we serve.

Prior to commencing a formal procurement process and to help inform our strategy, NHSBT is seeking to engage with suppliers of commercially available high throughput DNA extraction systems. NHSBT would like to improve our knowledge of all current and future systems available in the marketplace. This will aid identification of opportunities and gauge market interest in this field.

We require high throughput DNA extraction systems (s) to cover the following:

- The Solution must extract genomic DNA (from peripheral blood, buccal swabs, saliva, tissue) and cell free DNA (from plasma / serum).
- The Solution must be capable of running a minimum of 48 samples (ideally 96 samples) per batch.
- The Solution should be able to process a minimum of 288 samples in a 24 hour period.
- The Solution must comprise the necessary Equipment, IT Hardware, reagents and consumables to extract DNA of a quality suitable for downstream analysis methods and positive identification of samples throughout the process.
- Downstream techniques include but are not limited to NGS, Real Time PCR, PCR SSP.
- The Solution must be capable of taking samples from primary sample tubes.
- The Solution must have the capability to link with downstream testing equipment e.g. Liquid handling robots.
- The Solution must be suitable for in vitro diagnostic use.

Respondents will be invited to pre-procurement engagement meetings on the 24th, 26th, 27th and/or 28th February 2025 these will be held remotely. To enable NHSBT to finalise arrangements (e.g. send meeting details and agree time slots) for the supplier engagement meetings, interested organisations are required to send an expression of interest via email to coco.otiotio@nhsbt.nhs.uk by no later than 17:00 hrs (GMT) on 16/12/2024. This should include a list of your potential attendees and a brief overview (or a website link) of the Goods /Services which might be offered. Please include options, if available, to offer a managed service contract.

No business whatsoever is guaranteed under any resulting framework agreement or contract, and there is no guarantee that any framework agreement or contract will be put in place in relation to this notice. No compensation etc. will be paid if a tender or resulting

framework agreement is withdrawn for any reason. Bidders should take part in this process only on the basis that they fully understand and accept this position.

It should be noted that this procurement exercise may allow other Health authorities to utilise any contracts/ framework agreements awarded.

II.3) Estimated date of publication of contract notice

1 November 2025

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes