

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/034019-2024>

Tender

## **Blood Extraction Platform**

BRISTOL & WESTON NHS PURCHASING CONSORTIUM

F02: Contract notice

Notice identifier: 2024/S 000-034019

Procurement identifier (OCID): ocds-h6vhtk-04afd3

Published 21 October 2024, 5:08pm

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

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

BRISTOL & WESTON NHS PURCHASING CONSORTIUM

Christopher Handcock Building

BRISTOL

BS10 5NB

#### **Contact**

Jessica Allen

#### **Email**

[jessica.allen@nbt.nhs.uk](mailto:jessica.allen@nbt.nhs.uk)

#### **Telephone**

+44 1174140797

#### **Country**

United Kingdom

**Region code**

UKK11 - Bristol, City of

**Justification for not providing organisation identifier**

Not on any register

**Internet address(es)**

Main address

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

**I.3) Communication**

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

<https://www.sap.com/products/spend-management/riba-login.html>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.sap.com/products/spend-management/riba-login.html>

**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**

Blood Extraction Platform

Reference number

WS2214880748

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

- 33100000 - Medical equipments

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

Supplies

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

This contract is for 6 years with an options 1 year extension. Full details are provided in the Invitation To Tender pack. This is provided in the SAP Ariba portal.

In 2018 NHSE commissioned Genomic Laboratory Hubs (GLHs) for the delivery of high-quality, efficient, and centralised genomic services. The South West GLH is hosted at NBT, all core rare disease, cancer testing and specialised rare disease testing in cardiology, renal and neurology is provided from the Bristol Genetics laboratory (BGL).

The purpose of this notice is to alert potential suppliers to an opportunity to provide a high throughput DNA extraction platform capable of extracting DNA from venous blood where sample volumes are greater than 2ml and be able to produce a high yield of high molecular weight (>48kb) genomic DNA to BGL. The system must produce minimum DNA yields which average between 40 and 100 micrograms of DNA from 2-10ml of human blood. This is key to ensure that the platform can meet the requirements of our Facioscapulohumeral muscular dystrophy (FSHD) service for which 95% of diagnoses are made through genomic testing using Southern Blotting.

The total funding available for this capital equipment procurement is £350,000 (inclusive of VAT) however reagent and consumable costs will also be taken into consideration when assessing the Whole Life Cost of the award. Therefore, the estimated total value is inclusive of this.

#### **II.1.5) Estimated total value**

Value excluding VAT: £525,000

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

This contract is divided into lots: No

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

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

NUTS codes

- UKK - South West (England)

Main site or place of performance

North Bristol Trust

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

Additional requirements include;

- The platform should be high throughput with flexibility in batch sizes for efficient use. These should range from a single sample to maximum batch size.
- The system must allow the use of a variety of tube types in which the extracted DNA can be collected or eluted into, in particular 2ml screw-cap tubes and 2D barcoded tubes (e.g. fluidX 0.7ml tubes).
- Cross-contamination of samples during automated processing must be shown to be absent
- The system must incorporate barcode scanning and be able to record the barcode labels of both primary tubes and DNA output tubes in a log or database.
- The system must be able to use barcoding data to match the input tube with the output tube and complete elution of DNA according to this information.
- The system must be capable of automating extraction procedure to a level where 'walkaway' operation is facilitated
- The system must be capable of sampling from the primary tube starting material (blood)- avoiding the need to manually aspirate from the primary sample tube
- The system must be enclosed in such a way to protect the operators.

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

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

Duration in months

72

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: Yes

Description of options

optional 1 year extension.

---

## **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

21 November 2024

Local time

12:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

21 November 2024

Local time

12:30pm

---

## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

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

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

North Bristol Trust

Bristol

Country

United Kingdom