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Award

Red Cell Genotyping (PA2023)

NHS Blood and Transplant

UK6: Contract award notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-079716

Procurement identifier (OCID): ocds-h6vhtk-051ec0 ([view related notices](#))

Published 4 December 2025, 12:38pm

Scope

Reference

C375232

Description

NHS Blood & Transplant (NHSBT) and Scottish National Blood Transfusion (SNBTS) Red Cell Immunohaematology (RCI) departments are awarding a supplier of red cell genotyping methods.

The RCI laboratories in NHSBT and SNBTS provide a range of reference services to hospitals, focusing on ensuring safe and effective blood transfusions by diagnosing and managing complex issues related to red blood cells. For some patients, the red cell phenotype cannot be determined due to prior transfusion, treatment with therapeutic monoclonal antibodies, or autoimmune conditions. For these patients, the selection of safe compatible blood for transfusion relies on red cell genotyping, a molecular method of determining blood groups. Blood is often required urgently with increased risk to the patient if this is not met. RCI reference services in NHSBT are provided from Barnsley, Birmingham, Colindale, Filton (Bristol), Liverpool, Newcastle, and Tooting. RCI reference services in SNBTS are provided from Aberdeen, Dundee, Edinburgh, Glasgow and

Inverness, although red cell genotyping is only performed on the Glasgow site.

NHSBT and SNBTS have now completed a tender and shall award based on the following:

- Extended red cell genotype (blood groups).
- Weak and Partial Rh D.
- Either closed or open system.
- Processing batches, but also capable of processing smaller numbers with minimum wastage.
- Less than 24-hour TAT, including DNA extraction to results.
- Quality requirements (such as CE marked)

The framework shall be utilised by NHS Blood and Transplant and Scottish National Blood Transfusion Service.

Commercial tool

Establishes a framework

Contract 1. Red Cell Genotyping

Supplier

- Sussex Biological Limited

Contract value

- £1,586,933 excluding VAT
- £1,858,156 including VAT

Above the relevant threshold

Award decision date

3 December 2025

Date assessment summaries were sent to tenderers

4 December 2025

Standstill period

- End: 15 December 2025
- 8 working days

Earliest date the contract will be signed

22 January 2026

Contract dates (estimated)

- 1 February 2026 to 31 January 2033
- 7 years

Main procurement category

Goods

CPV classifications

- 33100000 - Medical equipments

Information about tenders

- 4 tenders received
- 4 tenders assessed in the final stage:
 - 2 submitted by small and medium-sized enterprises (SME)
 - 0 submitted by voluntary, community and social enterprises (VCSE)
- 1 supplier awarded contracts
- 3 suppliers unsuccessful (details included for contracts over £5 million)

Submission

Submission type

Tenders

Procedure

Procedure type

Competitive flexible procedure

Supplier

Sussex Biological Limited

- Public Procurement Organisation Number: PLTV-9494-JGNJ

H7/H8 Swallow Business Park

Hailsham

BN27 4EL

United Kingdom

Email: paula.partridge@sussexbiologicals.co.uk

Region: UKJ22 - East Sussex CC

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: Yes

Contract 1. Red Cell Genotyping

Contracting authority

NHS Blood and Transplant

- Public Procurement Organisation Number: PDBY-6395-VWBP

500 North Bristol Park

Bristol

BS34 7QH

United Kingdom

Contact name: Coco Otiotio

Telephone: 07385435288

Email: coco.otiotio@nhsbt.nhs.uk

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

Region: UKK12 - Bath and North East Somerset, North Somerset and South Gloucestershire

Organisation type: Public authority - central government