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Award

Long Read Sequencing - Babies in Focus

GENOMICS ENGLAND LIMITED

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

Notice identifier: 2025/S 000-060131

Procurement identifier (OCID): ocds-h6vhtk-054df8 ([view related notices](#))

Published 26 September 2025, 12:55pm

Scope

Reference

GEL-RE-25161

Description

Genomics England is procuring long-read whole genome sequencing services. In partnership with the NHS and other stakeholders, we are co-designing and delivering a national research study, the Generation Study, involving up to 100,000 newborns to understand the role of whole genome sequencing to achieve more timely diagnosis of rare conditions and access to early intervention, enabling faster and better care for babies born with rare childhood onset diseases. The Generation Study aims to assess the benefits, challenges, and feasibility of integrating whole genome sequencing into newborn screening to enhance the early diagnosis and treatment of rare genetic conditions. If successful, the study could establish the foundation for the world's first national newborn screening program incorporating whole genome sequencing.

The study also aims to understand how, with consent, newborns' genomic and health data could be used for research to enable new diagnostic discoveries and treatments to be developed. As part of the consent to the study mothers are asked for permission to retain

the baby's data and sample and link it to clinical data over the course of their life and the ability to recontact them with further research opportunities.

The study will provide an invaluable dataset to researchers across industry and academia, and we have the opportunity to conduct further studies in a subset of these families to maximise the future impact to patients, researchers and the NHS. Deepening our dataset, including by introducing new modalities, is a priority for industry.

To do this, we plan to develop an enhanced longitudinal birth cohort (Babies in Focus) in a subset of participants in the next five years. This will begin with conducting long-read whole genome sequencing for at least 2,000 samples across two long-read technologies. This will help inform us of the plans for the larger funding that is being requested as part of the 2026-2030 spending review.

These services will be split into two lots:

Lot 1: 1,000 samples to be delivered to the supplier and sequenced between 5 January 2026 and 31 March 2026 using ONT technology. An earlier start date may be mutually agreed by the Supplier and the Authority if implementation is completed before 5 January 2026.

Lot 2: 1,000 samples to be delivered and sequenced between 1 April 2026 and 1 September 2026 using PacBio technology. An earlier start date may be mutually agreed by Supplier and the Authority, subject to the Supplier's willingness and capability, and Authority funding.

There is an optional extension (volume to be confirmed) of up to a total of 1,000 additional samples. These optional extension volumes may be awarded to one or split across both lots. These optional volumes must be delivered by 1 March 2027.

Lot 1. 2025-2026

Description

1,000 samples to be delivered to the Supplier and sequenced between 5 January 2026 and 31 March 2026. An earlier start date may be mutually agreed by the Supplier and the Authority if implementation is completed before 5 January 2026. Please note that the estimated value of Lot 1 is £1.4M.

There is an optional extension (volume to be confirmed) of up to a total of 1,000 additional samples, valued at £1.4M. These optional extension volumes may be awarded to one or split across both lots. These optional volumes must be delivered by 1 March 2027.

Lot 2. 2026-2027

Description

1,000 samples to be delivered and sequenced between 1 April 2026 and 1 September 2026. An earlier start date may be mutually agreed by Supplier and Authority, subject to the Supplier's willingness and capability, and Authority funding. Please note that the estimated value of Lot 2 is £1.4M.

There is an optional extension (volume to be confirmed) of up to a total of 1,000 additional samples, valued at £1.4M. These optional extension volumes may be awarded to one or split across both lots. These optional volumes must be delivered by 1 March 2027.

Contract 1. 2025-2026

Lots

Lot 1. 2025-2026

Supplier

- CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED

Contract value

- £2,206,318.20 excluding VAT
- £2,647,581.84 including VAT

Above the relevant threshold

Award decision date

26 September 2025

Date assessment summaries were sent to tenderers

26 September 2025

Standstill period

- End: 7 October 2025
- 8 working days

Earliest date the contract will be signed

21 October 2025

Contract dates (estimated)

- 21 October 2025 to 31 March 2026

- Possible extension to 1 March 2027
- 1 year, 4 months, 12 days

Description of possible extension:

There is an optional extension (volume to be confirmed) of up to a total of 1,000 additional samples. These optional extension volumes may be awarded to one or split across both lots. The potential cost of this has been taken into account and forms part of the maximum contract value. These optional volumes must be delivered by 1 March 2027.

Main procurement category

Services

CPV classifications

- 73111000 - Research laboratory services
- 85145000 - Services provided by medical laboratories
- 85148000 - Medical analysis services

Contract locations

- UKC - North East (England)
- UKD - North West (England)
- UKE - Yorkshire and the Humber
- UKF - East Midlands (England)
- UKG - West Midlands (England)
- UKH - East of England
- UKI - London

- UKJ - South East (England)
- UKK - South West (England)

Contract 2. 2026-2027

Lots

Lot 2. 2026-2027

Supplier

- EUROFINS GENOMICS UK LIMITED

Contract value

- £1,288,000 excluding VAT
- £1,545,600 including VAT

Above the relevant threshold

Award decision date

26 September 2025

Date assessment summaries were sent to tenderers

26 September 2025

Standstill period

- End: 7 October 2025
- 8 working days

Earliest date the contract will be signed

21 October 2025

Contract dates (estimated)

- 1 April 2026 to 1 September 2026
- Possible extension to 1 March 2027
- 11 months, 1 day

Description of possible extension:

There is an optional extension (volume to be confirmed) of up to a total of 1,000 additional samples. These optional extension volumes may be awarded to one or split across both lots. The potential cost of this has been taken into account and forms part of the maximum contract value. These optional volumes must be delivered by 1 March 2027.

Main procurement category

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CPV classifications

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- UKK - South West (England)

Information about tenders

Lot 1. 2025-2026

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

Lot 2. 2026-2027

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

Procedure

Procedure type

Open procedure

Suppliers

CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED

- Companies House: 05749230
- Public Procurement Organisation Number: PNYY-3754-WGCG

The Old Schools

Cambridge

CB2 1TS

United Kingdom

Email: cs.admin@enterprise.cam.ac.uk

Website: <https://www.enterprise.cam.ac.uk/>

Region: UKH12 - Cambridgeshire CC

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. 2025-2026

EUROFINS GENOMICS UK LIMITED

- Companies House: 03297407
- Public Procurement Organisation Number: PBHC-9469-NGRH

154 Business Park

Wolverhampton

WV9 5GB

United Kingdom

Email: tenders@genomics.eurofinseu.com

Website: <http://www.eurofinsgenomics.com>

Region: UKG24 - Staffordshire CC

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 2. 2026-2027

Contracting authority

GENOMICS ENGLAND LIMITED

- Companies House: 08493132
- Public Procurement Organisation Number: PBTW-5897-QJGY

Level 21 One Canada Square

London

E14 5AB

United Kingdom

Email: procurement@genomicsengland.co.uk

Region: UKI42 - Tower Hamlets

Organisation type: Public authority - central government

