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Award

Biofoundry - Continuous RNA-LNP manufacture equipment

CENTRE FOR PROCESS INNOVATION LIMITED

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

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Procurement identifier (OCID): ocids-h6vhtk-05cf82

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Scope

Description

CPI require equipment to manufacture DNA to support the Biofoundry programme. This equipment is specifically designated in the business case and forms part of the programme from OLS via Innovate UK.

This equipment forms the first stage of the Biofoundry process, producing the synthetic DNA templates that are essential to supply in-vitro transcription (IVT) and the subsequent RNA-LNP manufacturing workflow

Contract 1

Suppliers

Supplier not yet selected

Contract value

- £8,863,984.80 including VAT

Above the relevant threshold

Earliest date the contract will be signed

7 November 2025

Contract dates (estimated)

- 10 November 2025 to 9 May 2027
- Possible extension to 15 September 2028
- 2 years, 10 months, 6 days

Description of possible extension:

A further machine will be procured from one of the supplier. It is also expected that variations to contract maybe required for extra support and upgrades

Main procurement category

Goods

CPV classifications

- 38434500 - Biochemical analysers

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Direct award justification

- Prototypes and development
- Single supplier - intellectual property or exclusive rights

The equipment is a prototype developed specifically to enable the Biofoundry the capability of being a 'DNA printer'. Forming a core element of the Biofoundry, it will allow bespoke DNA to be printed to support the manufacture of RNA-LNP. It will allow multiple, complex DNA candidates to be manufactured quickly, in house for a reasonable price. Facilitating the Biofoundry model.

The UK Biofoundry forms part of the broader worldwide Biofoundry network. Initiated by the charity, Wellcome Leap inc, the vision is to enable early-stage academics and SME's access to cost effective RNA-LNP to enable more shots on goal with this life changing

technology while enhancing the worlds pandemic readiness. The Biofoundry network, via Wellcome Leap, has directly funded development of the UK Biofoundry equipment.

Contracting authority

CENTRE FOR PROCESS INNOVATION LIMITED

- Companies House: 05002194

Wilton Centre

Redcar

TS10 4RF

United Kingdom

Email: e-tendering@uk-cpi.com

Region: UKC12 - South Teesside

Organisation type: Public undertaking (commercial organisation subject to public authority oversight)