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Award

The Supply and Delivery of a Multiphysics Model and Furnace Digital Twin

Glass Futures

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

Notice identifier: 2025/S 000-074410

Procurement identifier (OCID): ocds-h6vhtk-05e24d ([view related notices](#))

Published 17 November 2025, 2:01pm

Scope

Reference

QGFL/2025/04

Description

The procured services consist of the development of a fully visualised digital twin of the Glass Futures plant. The project includes the development of a scientifically accurate multi-physics furnace model (CFD, chemistry, mathematics and physics) capable of performing digital experiments via 'what if...?' simulations programmed through a bespoke graphical user interface (also part of this procurement). The digital twin will integrate with the Glass Futures control system in order that it will display live, accurate, plant data.

Contract 1. The Supply and Delivery of a Multiphysics Model and Furnace Digital Twin

Supplier

- University of Liverpool

Contract value

- £323,000 excluding VAT
- £387,600 including VAT

Above the relevant threshold

Award decision date

17 November 2025

Standstill period

- End: 26 November 2025
- 8 working days

Earliest date the contract will be signed

27 November 2025

Contract dates (estimated)

- 28 November 2025 to 31 March 2026
- 4 months, 3 days

Main procurement category

Services

Options

The right to additional purchases while the contract is valid.

Hosting and Support Services

CPV classifications

- 72230000 - Custom software development services
- 72211000 - Programming services of systems and user software
- 72110000 - Hardware selection consultancy services
- 73100000 - Research and experimental development services
- 48151000 - Computer control system
- 48520000 - Multimedia software package

Contract locations

- UKD - North West (England)
-

Procedure

Procedure type

Direct award

Supplier

University of Liverpool

- Companies House: RC000660

765 Brownlow Hill

Liverpool

L697ZX

United Kingdom

Email: procurement@liverpool.ac.uk

Region: UKD72 - Liverpool

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. The Supply and Delivery of a Multiphysics Model and Furnace Digital Twin

Contracting authority

Glass Futures

- Companies House: 10002698

James Roby Way

Sheffield

S35 2PY

United Kingdom

Email: procurement@glass-futures.org

Region: UKE32 - Sheffield

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