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Award

3D Concrete Printing

Sellafield Limited

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Notice identifier: 2025/S 000-081662

Procurement identifier (OCID): ocds-h6vhtk-05f320 ([view related notices](#))

Published 10 December 2025, 4:15pm

Scope

Reference

C28775

Description

Enable the in active demonstration of 3D concrete printing technology capability at a reduced scale to undertake a defined task, specifically the manufacture of the MSSS box bund.

For practical reasons, the in active demonstration will be conducted at a slightly reduced scale to facilitate subsequent disposal. The objective of this stage is to test the feasibility of the technique under in active conditions.

The in active demonstration will involve 3DCP technology applied to the manufacture of MSSS waste container bunds, which are presently produced using traditional cast concrete methods. The proposed technique is anticipated to be significantly more efficient, cost effective, and flexible, enabling “just in time” manufacture and thereby eliminating the need for storage of empty boxes awaiting filling.

Contract 1. 3D Concrete Printing

Supplier

- ChangeMaker 3D

Contract value

- £200,000 excluding VAT
- £240,000 including VAT

Above the relevant threshold

Earliest date the contract will be signed

7 January 2026

Contract dates (estimated)

- 7 January 2026 to 31 March 2026
- 2 months, 25 days

Main procurement category

Services

CPV classifications

- 73100000 - Research and experimental development services
-

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Direct award justification

Prototypes and development

A LINC challenge was undertaken in 2023, CM3D were one of two organisations who submitted a proposal and CM3D were the awarded supplier. CM3D demonstrated a proven track record in this field with other regulated industries (water utilities) and a leading specialist, this was underpinned from acknowledged experts in this field. The other proposal was from a start up company, who had key individuals from the nuclear industry, but their technology was still in development and not yet proven in a regulated field.

The resulting work from the LINC challenge provided clear evidence that CM3D's technology is both viable and effective and can support this scaled down in active demonstration. In meeting the stated requirements of this award. On the basis of these outcomes, Sellafield Ltd is now positioned to progress to the next stage of work, which will focus on determining whether the solution can be delivered at the scale necessary to support operational deployment.

Subject to a successful in active demonstration, it is anticipated that the work will progress to a full-scale demonstration with further refinement of the methodology to ensure operational effectiveness and compliance with regulatory requirements, however, this would be subject to a separate procurement route compliant to PA23.

Supplier

ChangeMaker 3D

- Companies House: 10711380

Granta Lodge 71 Graham Road Malvern Worcestershire

Worcestershire

WR14 2SJ

United Kingdom

Email: natalie@changemaker3d.co.uk

Region: UKG12 - Worcestershire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1. 3D Concrete Printing

Contracting authority

Sellafield Limited

- Public Procurement Organisation Number: PWYP-8439-MZWY

Hinton House, Birchwood Park Avenue

Warrington

WA3 6GR

United Kingdom

Email: holly.roper@sellafieldsites.com

Website: <https://www.gov.uk/government/organisations/sellafield-ltd>

Region: UKD61 - Warrington

Organisation type: Public authority - sub-central government