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Contract

Integrated Intelligent Safe Environment Phase 2

UNITED KINGDOM NATIONAL NUCLEAR LABORATORY LIMITED

F03: Contract award notice

Notice identifier: 2025/S 000-077021

Procurement identifier (OCID): ocds-h6vhtk-05e8b1

Published 25 November 2025, 4:57pm

Section I: Contracting authority

I.1) Name and addresses

UNITED KINGDOM NATIONAL NUCLEAR LABORATORY LIMITED

Chadwick House Warrington Road

Warrington

WA36AE

Contact

David Brown

Email

david.brown@uknnl.com

Telephone

+44 1900397025

Country

United Kingdom

Region code

UKD61 - Warrington

Companies House

PVXT-8784-YGNV

Internet address(es)

Main address

https://uknnl.com/

I.4) Type of the contracting authority

Other type

Public authority - sub-central government

I.5) Main activity

Other activity

Nuclear

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Integrated Intelligent Safe Environment Phase 2

Reference number

NNLC321.26

II.1.2) Main CPV code

• 73000000 - Research and development services and related consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

UKNNL have been asked to support the delivery of this innovative project for the SNM division of Sellafield Ltd.

UKNNL requires consultancy and software development support via a contract to develop and demonstrate a solution for an Integrated Intelligent Safe Environment. The works will also need to maintain a requirements specification and include an update to the feasibility study (Issue 1) that was released as part of Phase 1 in March 2025.

Upon acceptance of the updated feasibility study, the University partner will then initiate the development of an Al-based system that allows safe, symbiotic interaction between humans and autonomous systems.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £300,000

II.2) Description

II.2.2) Additional CPV code(s)

73000000 - Research and development services and related consultancy services

II.2.3) Place of performance

NUTS codes

• UKD - North West (England)

II.2.4) Description of the procurement

The Deliverables of the contract are as follows:

Year 1:

1. An end of year report detailing progress of the development of the AI system, and the review of the application of the Unity Gaming Engine.

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2. A demonstration of the generated AI system using a simple store mock-up.

3. A report detailing the high-level design of the IISE Software.

4. Update the requirements specification for review and agreement by Sellafield Ltd and

UKNNL.

5. An updated version of the "Feasibility Review document" on the approaches, their

validity, scope, key assumptions, and consistency with established practise.

6. Update scope of programme for future phases of work.

The above list may be subject to change if UKNNL has specific requirements or time

restraints.

Year 2 and 3:

1. Deliverables will align with Module design, write and test activities.

Timescales

Year 1 deliverables will be delivered on or before 31st March 2026.

• Year 2 and Year 3 deliverables will be required before 31st March 2028.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: Yes

Description of options

Initial contract to run until 31st March 2026.

Optional Extensions: 2 x 12 Months

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

• No tenders or no suitable tenders/requests to participate in response to restricted procedure

Explanation:

Direct Award (call off) under NNLC321 UKNNL University Supply Chain Framework - Lot 6 Innovation, Future Insights & New Technology Universities.

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

24 November 2025

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

UNIVERSITY OF BIRMINGHAM

EDGBASTON

BIRMINGHAM

B15 2TT

Country

United Kingdom

NUTS code

• UKG - West Midlands (England)

University of Birmingham

GB729856187

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: £300,000

Total value of the contract/lot: £300,000

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The Royal Courts of Justice

The Strand

London

WC2A 2LL

Country

United Kingdom