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Planning

ThermoChimie Phase 4

Nuclear Waste Services Limited

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-040930

Procurement identifier (OCID): ocds-h6vhtk-05230e ([view related notices](#))

Published 17 July 2025, 1:07pm

Scope

Reference

C26852

Description

Prior Information Notification relating to the forthcoming procurement opportunity for ThermoChimie Phase 4. The ThermoChimie project (Thermo-Chimie (version applicative 4.4.0)) is a thermodynamic database development project, co-funded by Nuclear Waste Services, NIRAS-ONDRAF, and Andra. A robust, traceable, exhaustive, and dependable thermodynamic database is essential for underpinning a future Environmental Safety Case for the surface, near-surface or deep geological disposal of radioactive waste, as well as to perform a range of sensitivity and scoping calculations in support of ongoing research activities. This is a PIN for ThermoChimie Phase 4 please navigate to the project - C26852 on Atamis <https://atamis-2464.my.site.com/s/Welcome> Phase 4 of the ThermoChimie project is planned to launch in January 2026. The ThermoChimie Phase 4 Framework has the overall objective of providing both specialist and non-technical support resource to the consortium, in the form of a range of desk-based and experimental data generation/selection activities. Outlined activities are in support of the four key project

success factors: (i) database traceability, (ii) consistency, (iii) ease of use, and (iv) exhaustivity.

Commercial tool

Establishes a framework

Total value (estimated)

- £2,500,000 excluding VAT
- £3,000,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 2 January 2026 to 1 January 2029
- Possible extension to 1 January 2031
- 5 years

Main procurement category

Services

CPV classifications

- 73000000 - Research and development services and related consultancy services
- 72322000 - Data management services
- 72320000 - Database services

- 73100000 - Research and experimental development services

Contract locations

- UK - United Kingdom
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Engagement

Engagement deadline

3 October 2025

Engagement process description

Please visit <https://atamis-2464.my.site.com/s/Welcome> for information on this procurement search for reference C26852. More information is available via the documentation on Atamis.

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Publication date of tender notice (estimated)

1 January 2026

Contracting authority

Nuclear Waste Services Limited

- Public Procurement Organisation Number: PNWB-5846-DYCH

Pelham House, Pelham Drive,

Calderbridge, Seascale

CA20 1DB

United Kingdom

Contact name: James Hicks

Email: james.hicks@nuclearwasteservices.uk

Website: <https://www.gov.uk/government/organisations/nuclear-waste-services/about>

Region: UKD11 - West Cumbria

Organisation type: Public authority - sub-central government