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Tender

ThermoChimie Phase 4

Nuclear Waste Services Limited

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-075362

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

Published 19 November 2025, 3:59pm

Scope

Reference

C26852

Description

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.

Phase 4 of the ThermoChimie project is planned to start in February 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) east of use, and (iv) exhaustivity.

ITT documents are available on Atamis: <https://atamis-2464.my.site.com/s/Welcome>

Commercial tool

Establishes a framework

Total value (estimated)

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

Above the relevant threshold

Contract dates (estimated)

- 1 February 2026 to 31 January 2029
- Possible extension to 31 January 2031
- 5 years

Description of possible extension:

+1 +1

Options

The right to additional purchases while the contract is valid.

Two optional yearly extensions following the original three year durations. These options are at NWS discretion.

Main procurement category

Services

CPV classifications

- 73000000 - Research and development services and related consultancy services

Lot constraints

Maximum number of lots a supplier can bid for: 3

Maximum number of lots a supplier can be awarded: 3

Lot 1. Lot 1

Description

Secretariat (One Supplier - Direct Award)

Lot value (estimated)

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

Framework lot values may be shared with other lots

Same for all lots

CPV classifications, contract dates and options are shown in the Scope section, because they are the same for all lots.

Lot 2. Lot 2

Description

Lot 2 - Database and Website Management / Maintenance (One Supplier - Direct Award)

Lot value (estimated)

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

Framework lot values may be shared with other lots

Same for all lots

CPV classifications, contract dates and options are shown in the Scope section, because they are the same for all lots.

Lot 3. Lot 3

Description

Lot 3 - Desk Studies: Data Generation, Selection, Assessment and Verification (Multiple

Suppliers, Mini Competition)

Lot value (estimated)

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

Framework lot values may be shared with other lots

Same for all lots

CPV classifications, contract dates and options are shown in the Scope section, because they are the same for all lots.

Lot 4. Lot 4

Description

Lot 4 - Experimental Studies: Data Generation, Model Verification (Multiple Suppliers, Mini Competition)

Lot value (estimated)

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

Framework lot values may be shared with other lots

Same for all lots

CPV classifications, contract dates and options are shown in the Scope section, because they are the same for all lots.

Framework

Maximum number of suppliers

Unlimited

Maximum percentage fee charged to suppliers

0%

Framework operation description

N/A

Award method when using the framework

Either with or without competition

Contracting authorities that may use the framework

Establishing party only

Submission

Tender submission deadline

16 December 2025, 12:00pm

Submission address and any special instructions

ITT documents are available on Atamis: <https://atamis-2464.my.site.com/s/Welcome>

Submissions should be made via the Atamis portal.

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

16 January 2026

Award criteria

Name	Type	Weighting
Technical	Quality	70.00%
Commercial	Price	20.00%
Social Value	Quality	10.00%

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

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: Hannah Armstrong

Email: hannah.armstrong@nuclearwasteservices.uk

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

Region: UKD11 - West Cumbria

Organisation type: Public authority - sub-central government