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Planning

## **Inventory & Wasteform Evolution**

Nuclear Waste Services Limited

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-025450

Procurement identifier (OCID): ocids-h6vhtk-0489f3

Published 12 August 2024, 3:03pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Nuclear Waste Services Limited

Pelham House, Pelham Drive,

Calderbridge, Seascale

CA20 1DB

#### **Contact**

wesley pearson

#### **Email**

[wesley.pearson@nuclearwasteservices.uk](mailto:wesley.pearson@nuclearwasteservices.uk)

#### **Country**

United Kingdom

#### **Region code**

UKD1 - Cumbria

**National registration number**

05608448

**Internet address(es)**

Main address

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

Buyer's address

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

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://atamis-2464.my.site.com/s/Welcome>

**I.4) Type of the contracting authority**

Other type

Disposal of radioactive waste

**I.5) Main activity**

Other activity

Disposal of radioactive waste

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Inventory & Wasteform Evolution

Reference number

C20983

#### **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**

Nuclear Waste Services (NWS) would like to notify suppliers of future requirements and engage with the market to understand what it can provide in terms of capacity and capability to deliver Research & Development services for the Inventory & Wasteform Evolution Framework. This framework will enable the development of a supply-chain-based experimental and modelling services capability for waste and wasteform evolution testing within the Geological Disposal Facility (GDF) programme.

#### **II.1.5) Estimated total value**

Value excluding VAT: £66,500,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services
- 73210000 - Research consultancy services
- 73110000 - Research services

- 73120000 - Experimental development services
- 73300000 - Design and execution of research and development
- 73100000 - Research and experimental development services
- 73111000 - Research laboratory services
- 73200000 - Research and development consultancy services
- 71350000 - Engineering-related scientific and technical services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

The development of a Geological Disposal Facility (GDF) is essential for the final disposal of higher activity radioactive wastes in the UK. It is a critical part of the Nuclear Decommissioning Authority's (NDA) overall mission to decommission and dispose of the UK's nuclear legacy waste. The mission of the GDF programme is to deliver a permanent solution for the disposal of higher activity radioactive waste through the design, construction, operation and closure of a GDF. Its objectives are:

- To build trust and work in partnership with one or more communities to gain consent and support to host a GDF.
- To facilitate economic benefits and growth, delivering regional jobs and skills and a positive legacy.
- To deliver a permanent solution for the safe disposal of higher activity waste through the safe, sustainable, and cost-effective design, construction, operation and closure of a GDF.
- To enable the timely retirement of the significant and currently enduring financial liability and risk associated with above ground storage of higher activity waste, that would persist indefinitely if a disposal solution was not developed.

A GDF will be a significant piece of UK infrastructure where the majority of the facility is built between 200 and 1000 metres underground, putting the waste in purpose-built containers which are then placed in tunnels and vaults beneath several hundred metres of solid rock. Further information about the GDF programme can be found here: GDF (Geological Disposal Facility) - GOV.UK ([www.gov.uk](http://www.gov.uk))

This Prior Information Notice (PIN) relates to future market engagement that Nuclear Waste Services (NWS) intends to perform, concerning the development of a supply-chain-based experimental and modelling services capability for waste and wastefrom evolution testing within the Geological Disposal Facility (GDF) programme. Such services will be required by NWS as part of its ongoing design programme for a UK GDF. For the

purposes of this PIN, the terms 'waste' and 'wasteform' includes all wastes and waste streams which may be disposed of within a GDF.

This PIN should be read in conjunction with the following documents, all of which can be viewed on Atamis: <https://atamis-2464.my.site.com/s/Welcome>

- Briefing Document
- Scope
- Contracting and Competition Principles
- Request for Information

You will be required to register on Atamis, and once registration is complete you can search for this PIN using the Atamis search box and using the title as a reference – Inventory & Wasteform Evolution Framework.

#### **II.2.14) Additional information**

This PIN is not a call for competition; it is to signal an intention to commence market engagement with interested organisations for the provision of a Migration pathways and Containment Framework for the GDF programme with industry experts and suppliers who are interested in potentially bidding for the resulting commercial agreement(s).

If you wish to participate in the market engagement please register your interest via the URL here on Atamis, no later than 16:00 BST, 20th September 2024.

<https://atamis-2464.my.site.com/s/Welcome>

Please DO NOT register interest through any other route.

Market engagement is being carried out in three stages.

For the first stage, NWS are requesting written responses to a number of questions, which can be found within the Request for Information (RFI) documents on Atamis. Suppliers' responses to these questions should be sent to NWS via the messaging function on Atamis no later than 16:00 BST, Friday 18th October 2024.

For the second stage, NWS will hold 2 online meetings for all interested suppliers to provide detailed information about the scope of this engagement, and commercial points. The content of both meetings will be the same. These will be held at 14:00 BST, Monday 16th September 2024 and 11:00 BST, Thursday 19th September 2024.

For the third stage, NWS will hold "one-to-one" market engagement sessions with interested Suppliers who are interested in potentially bidding with a view to gaining a more in-depth understanding of the supply chain perspective on our current approach. These

sessions are likely to take place face-to-face in the week commencing 4th November 2024 in the Birmingham area (venue TBC). Whilst it is NWS' preference to meet with Suppliers face-to-face, where this is not possible, alternative virtual sessions may be scheduled for the week commencing 18th November 2024

### **II.3) Estimated date of publication of contract notice**

24 October 2025

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## **Section IV. Procedure**

### **IV.1) Description**

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

The procurement is covered by the Government Procurement Agreement: Yes

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## **Section VI. Complementary information**

### **VI.3) Additional information**

73110000 Research services

73120000 Experimental development services

73111000 Research laboratory services

73200000 Research and development consultancy services

73210000 Research consultancy services

73300000 Design and execution of research and development

71350000 Engineering-related scientific and technical services