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Planning

Low Level Waste Repository (LLWR) Vault Optimisation and Capping Delivery

Nuclear Waste Services Limited

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

Notice identifier: 2025/S 000-041533

Procurement identifier (OCID): ocds-h6vhtk-055c45 ([view related notices](#))

Published 21 July 2025, 10:44am

Scope

Reference

C20500

Description

Nuclear Waste Services (NWS) operates the Low-Level Waste Repository (LLWR) Site in West Cumbria on behalf of the Nuclear Decommissioning Authority. The LLWR Site is the national disposal facility for Low Level Waste (LLW) arising from the nuclear industry and wider industries, such as medical and defence. Protecting and developing the Repository's radioactive waste disposal capability is a long-term programme of works, over the next 100+ years, that will provide future disposal facilities and protection of people and the environment from the disposed waste through to closure of the Repository Site. In the shorter term, over the next 15 years, the focus is on installing closure engineering works for long-term environmental protection from the wastes currently disposed of in Vault 8 and the adjacent legacy disposal trenches as well as constructing additional disposal capacity in the form of new LLW vaults. NWS is seeking supply chain support to deliver significant Civil Engineering design and build capability for; • the

optimised preliminary and detailed design for the next phase of disposals at the Repository in line with the Site's Environmental Permit and Environmental Safety Case including Vault 9a, Leachate Management System and base slab for HHISO temporary warehousing. • Capping of the existing legacy disposal vault (Vault 8) and adjacent section of the legacy disposal trenches. • Construction of the future LLW disposal Vaults and Leachate Management System (as per detailed design above). • Closure and cap Design for the currently operational Vault 9. • Closure and partial Cap construction for Vault 9. (as per design above). The route to market decision will be based on market feedback and the ongoing development of the NWS procurement documents.

Total value (estimated)

- £300,000,000 excluding VAT
- £360,000,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 October 2027 to 10 December 2037
- 10 years, 2 months, 10 days

Main procurement category

Works

CPV classifications

- 45200000 - Works for complete or part construction and civil engineering work
- 71000000 - Architectural, construction, engineering and inspection services
- 45000000 - Construction work

- 45112000 - Excavating and earthmoving work
- 71322000 - Engineering design services for the construction of civil engineering works
- 44900000 - Stone for construction, limestone, gypsum and slate
- 45112300 - Infill and land-reclamation work
- 45220000 - Engineering works and construction works
- 45112500 - Earthmoving work

Contract locations

- UKD11 - West Cumbria

Engagement

Engagement deadline

29 July 2025

Engagement process description

A virtual Market Engagement Event is Planned for 30th July 2025 with a further In-Person event planned for W/C 11th August 2025 to be held at the LLW Repository Site in Cumbria. To register interest in the opportunity and to book your place at the virtual Market Engagement Event, please contact either of the addresses below sharing your details and email address: - scott.sowerby@nuclearwasteservices.uk - emma.stockdale@nuclearwasteservices.uk - alex.gibbon@nuclearwasteservices.uk

Submission

Publication date of tender notice (estimated)

10 July 2026

Contracting authority

Nuclear Waste Services Limited

- Public Procurement Organisation Number: PNWB-5846-DYCH

Pelham House, Pelham Drive,

Calderbridge, Seascale

CA20 1DB

United Kingdom

Email: emma.stockdale@nuclearwasteservices.uk

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

Region: UKD11 - West Cumbria

Organisation type: Public authority - sub-central government