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Planning

Maentwrog Hydro Power Station Optimisation

Nuclear Decommissioning Authority

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

Notice identifier: 2025/S 000-042773

Procurement identifier (OCID): ocds-h6vhtk-056518

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Scope

Reference

C24230

Description

NDA is a non-departmental public body charged, on behalf of government, with the mission to clean-up the UK's earliest nuclear sites safely, securely and cost effectively. We're committed to overcoming the challenges of nuclear clean-up and decommissioning, leaving the 17 nuclear sites ready for their next use. We do this work with care for our people, communities and the environment, with safety, as always, our number one priority. We also play an important role in supporting government's aspiration for the UK to be a global leader in the civil nuclear sector. We strive to deliver best value for the UK taxpayer by focusing on reducing the highest hazards and risks, while ensuring safe, secure, and environmentally responsible operations at our sites. We seek ways to reduce the level of public funding from government by generating revenue through our

commercial activities.

Maentwrog Hydroelectric Power Station ("Maentwrog") is a 28MW hydroelectric plant owned by NDA and operated by Magnox Limited ("Magnox").

The NDA is seeking to engage with economic operators to obtain feedback regarding a forthcoming tender to appoint an economic operator to deliver energy generation and trading optimisation services for the NDA's Maentwrog Hydropower station asset. The core service to be delivered includes, but is not limited to the provision of trading available energy generation capacity within the wholesale market, based upon fundamental and technical analysis, market expertise and available generation capacity based upon water volumes, rainfall and available measurements within defined operational parameters.

The aim of this procurement is to increase income generation to support the NDA in delivering its mission.

It is anticipated that the agreement may be based upon a 2 year initial term with 2 twelve month optional extensions.

It is anticipated that the total value of the contract will be range between £253,000.00 and £706,000.00 for the initial term, subject to trading performance and wholesale market trends. There are indicative projections which allow for contract values to £1,100,000.00 for the total 4 year opportunity and allowing for significant income growth from the awarded party.

NDA have previously engaged the market for this requirement via a Prior Information Notice (reference 2023/S 000-031237) in October 2024. This notice is a continuation of this engagement following further development of requirements and internal assurance and governance processes.

Due to the nature of the activity, the tender will include a mandatory requirement for economic operators to hold or have access to an OFGEM energy supply license to enable the delivery of the services within their organisation.

It is the intention of the NDA to proceed to tender this requirement in Q4 2025 following further market feedback from this engagement activity.

As part of the engagement process, NDA will seek feedback relating to the scope of services, commercial model and anticipated key terms and conditions of contract for the purpose of feedback to ensure the opportunity is appropriate and attractive to the market.

Sharing of information and feedback will be facilitated via the Atamis procurement portal, however NDA reserve the right to change the format of communication with parties who register interest to Teleconference where relevant and appropriate to expedite the

process.

Interested parties should register their interest to this UK02: Preliminary Market Engagement Notice via the OneNda Atamis portal. This can be found at the following address:

<https://one-nda.force.com/s/Welcome>

Initial registration of your company is achieved by using the above website link and then clicking on "Register Here".

It is envisaged that the information will be made available to interested parties on 28th July 2025 along with a questionnaire to capture feedback which should be submitted to the NDA via Atamis by 12 noon on 14th August 2025, however these dates be subject to change.

Total value (estimated)

- £1,100,000 excluding VAT
- £1,320,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 April 2026 to 31 May 2028
- Possible extension to 31 May 2030
- 4 years, 2 months

Main procurement category

Services

Additional procurement category

Works

CPV classifications

- 09300000 - Electricity, heating, solar and nuclear energy
- 31682000 - Electricity supplies
- 38551000 - Energy meters
- 51112200 - Installation services of electricity control equipment
- 65300000 - Electricity distribution and related services
- 65400000 - Other sources of energy supplies and distribution
- 71241000 - Feasibility study, advisory service, analysis
- 71314000 - Energy and related services
- 72227000 - Software integration consultancy services
- 72228000 - Hardware integration consultancy services
- 79930000 - Specialty design services

Contract locations

- UKL - Wales

Engagement

Engagement deadline

15 August 2025

Engagement process description

As part of the engagement process, NDA will seek feedback relating to the scope of services, commercial model and anticipated key terms and conditions of contract for the purpose of market feedback. Sharing of information and feedback will be facilitated via the Atamis procurement portal, however NDA reserve the right to change the format of communication with parties who register interest to Teleconference where relevant and appropriate to expedite the process. Interested parties should register their interest to this UK02: Preliminary Market Engagement Notice via the OneNda Atamis portal. This can be found at the following address: <https://one-nda.force.com/s/Welcome> Initial registration of your company is achieved by using the above website link and then clicking on "Register Here". It is envisaged that the information will be made available to interested parties on 28th July 2025 along with a questionnaire to capture feedback which should be submitted to the NDA via Atamis by 12 noon on 14th August 2025, however these dates be subject to change.

Submission

Publication date of tender notice (estimated)

6 October 2025

Contracting authority

Nuclear Decommissioning Authority

- Public Procurement Organisation Number: PVDH-2346-PXDL

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Region: UKD11 - West Cumbria

Organisation type: Public authority - central government