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Award

## **Provision of subject matter expert support services in respect to Generic Design Assessment (GDA) of nuclear power stations for the AMR RD&D Phase B project.**

NATIONAL NUCLEAR LABORATORY LIMITED

F15: Voluntary ex ante transparency notice

Notice identifier: 2024/S 000-012427

Procurement identifier (OCID): ocds-h6vhtk-0452d8

Published 16 April 2024, 6:09pm

### **Section I: Contracting authority/entity**

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

NATIONAL NUCLEAR LABORATORY LIMITED

5th Floor Chadwick House

Risley

WA3 6AE

#### **Email**

[NNL.Procurement@UKNNL.com](mailto:NNL.Procurement@UKNNL.com)

#### **Country**

United Kingdom

**Region code**

UKD61 - Warrington

**Companies House**

03857752

**Internet address(es)**

Main address

<https://www.nnl.co.uk/>

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

Body governed by public law

**I.5) Main activity**

Other activity

Nuclear

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## **Section II: Object**

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

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

Provision of subject matter expert support services in respect to Generic Design Assessment (GDA) of nuclear power stations for the AMR RD&D Phase B project.

Reference number

PSS/2024/023

#### **II.1.2) Main CPV code**

- 79415200 - Design consultancy services
  - RC08 - In nuclear technology

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

This is not an opportunity but a VEAT Notice to inform the market that NNL intends to award a contract for a Warm Pellet Press.

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

This contract is divided into lots: No

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £1,290,000

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

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

- 71320000 - Engineering design services

- 73000000 - Research and development services and related consultancy services

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

NUTS codes

- UKD45 - Mid Lancashire

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

National Nuclear Laboratory ("NNL") intends to award a contract for the provision of subject matter expert support services in respect to Generic Design Assessment (GDA) of nuclear power stations for the AMR RD&D Phase B project.

This contract is a call-off arrangement to support across a wide number of topics and technical areas specific to nuclear and high temperatures. The support will be engineering-focused, providing the following project roles: Licensee & Permit Holder, Operator, End User / Customer, Design Authority, Independent Nuclear Assurance, Central Technical Organisation and Central Support Function,

### **II.2.11) Information about options**

Options: No

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## Section IV. Procedure

### IV.1) Description

#### IV.1.1) Type of procedure

Negotiated without a prior call for competition

- The works, supplies or services can be provided only by a particular economic operator for the following reason:
  - absence of competition for technical reasons

Explanation:

National Nuclear Laboratory ("NNL") intends to award a contract to EDF to provide subject matter expert support services in respect to Generic Design Assessment (GDA) of nuclear power stations for the AMR RD&D Phase B project.

EDF can provide support across a wide number of topics and technical areas specific to nuclear and high temperatures. EDF support will be engineering-focused.

EDF is able to provide the following project roles: Licensee & Permit Holder, Operator, End User / Customer (via various EDF subsidiaries e.g. Hynamics), Design Authority, Independent Nuclear Assurance, Central Technical Organisation and Central Support Function. As the only nuclear operator in the UK at time of writing, EDF is able to offer a unique and exclusive combination of skills built on real world experience to support NNL with the GDA maturity steps.

The technologies being considered under this project will require the industry to innovate in order to utilise new techniques and approaches to construction and fabrication. EDF can provide a holistic view to delivering such projects given their wide experience not only in nuclear but also in non-nuclear power generation and related technologies.

The following areas have been highlighted as providing added value to any nuclear new build project. These specialisms are limited in the supply chain and in some cases are unique to EDF.

- Structural Integrity
- Graphite

- Fuel Route
- Environment Protection
- Radiological Protection
- Control and Instrumentation
- Fuel, Core and Fault Studies
- Human Factors
- Design Authority

These niche subjects cover the areas that will have some of the greatest technical challenges. EDF's previous experience of these topics and safety case management knowledge in these areas allows the project to mitigate these risks appropriately upfront via the safety case rather than by design changes.

Proven technical expertise and experience as a nuclear operator within the UK regulatory framework is an essential requirement for the fulfilment for these services. The "operator's voice" will help guide the design to maximise the safety and commercial performance.

EDF's status as the only nuclear operator in the UK means are uniquely positioned to support design development in all areas outlined in this notice, by applying their direct and first-hand experience to provide the most robust and trusted industry advice in respect to GDA.

#### **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 V. Award of contract/concession**

A contract/lot is awarded: Yes

### **V.2) Award of contract/concession**

#### **V.2.1) Date of conclusion of the contract**

16 April 2024

#### **V.2.2) Information about tenders**

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor/concessionaire**

EDF Energy Nuclear Generation Limited

Gloucester

Country

United Kingdom

NUTS code

- UKK1 - Gloucestershire, Wiltshire and Bristol/Bath area

Companies House

03076445

The contractor/concessionaire is an SME

No

#### **V.2.4) Information on value of contract/lot/concession (excluding VAT)**

Initial estimated total value of the contract/lot/concession: £1,290,000

Total value of the contract/lot/concession: £1,290,000

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

The Royal Courts of Justice

Th Strand

London

WC2A 2LL

Country

United Kingdom