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Planning

Wylfa Site Higher Active Waste / Lower Active Waste (HAW/LAW) Facility Building Enabling Works, Detailed Design and Build Sourcing Strategy

Magnox Limited

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-015785

Procurement identifier (OCID): ocds-h6vhtk-03d38e

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Section I: Contracting authority

I.1) Name and addresses

Magnox Limited

Oldbury Naite

Oldbury

BS35 1RQ

Contact

Fiona Pearse

Email

fiona.pearse@magnoxsites.com

Telephone

+44 7920070701

Country

United Kingdom

Region code

UKK11 - Bristol, City of

National registration number

2264251

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/magnox-ltd>

Buyer's address

<https://www.gov.uk/government/organisations/magnox-ltd>

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Nuclear, although the scope will not require specific knowledge or experience in this field.

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Wylfa Site Higher Active Waste / Lower Active Waste (HAW/LAW) Facility Building
Enabling Works, Detailed Design and Build Sourcing Strategy

II.1.2) Main CPV code

- 45210000 - Building construction work

II.1.3) Type of contract

Works

II.1.4) Short description

Wylfa Site Higher Active Waste / Lower Active Waste (HAW/LAW) Facility Building
Detailed Design and Build Sourcing Strategy

II.1.5) Estimated total value

Value excluding VAT: £10,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 45210000 - Building construction work

II.2.3) Place of performance

NUTS codes

- UKL1 - West Wales and the Valleys

Main site or place of performance

Magnox Wylfa Site, Anglesey, North West Wales

II.2.4) Description of the procurement

Background

Magnox is a wholly owned subsidiary of the Nuclear Decommissioning Authority and is responsible for safely decommissioning 12 first-generation nuclear sites and operating one hydro-electric power station.

Overview

Magnox is preparing to initiate the procurement of scope incorporating enabling works, detailed design and construction of a higher active waste/lower active waste facility at their Wylfa site, on the island of Anglesey in NW Wales, which will first be subject to strategy and budget approval. As such, Magnox wish to undertake early market engagement to gauge the level of interest, capability and capacity of suppliers to deliver the said scope, the outcome of which will inform a Sourcing Strategy and subsequent potential financial and timeline approval. In addition, the process will provide the market with awareness of this potential requirement.

Scope breakdown

1. Detailed Design of the HAW/LAW Facility and associated enabling work is required. Successful completion of the scheme design phase (delivered by a Tier 2 contractor) has already identified/established the enabling works required, facility layout and example equipment/tooling. Following on from this, the successful tenderer for the detailed design and build phase shall ratify the scheme design to ensure structural details, material selection, etc. are fit for purpose.

This phase will therefore refine the design work completed in the previous phase, not start anew and as such, the scope will include, but not be limited to:

- a) Development of enabling work design calculations and drawings.
- b) Development of HAW/LAW Facility detailed design calculations, reports and drawings/3D models.
- c) Selection/identification of all tooling and equipment.
- d) Technical Design Reviews (TDRs) and Design Authority Review 4 (DAR4) in accordance with Magnox company standard S-414 Design and Safety Justification Process

e) Design frozen ahead of procurement and manufacturing sub-phase.

2. Procurement & Manufacturing

- a) Pre-Deployment to Site activities (e.g. Develop the Construction Phase Plan, Site Safety Plan, temporary works design).
- b) Procurement of all required construction materials and equipment to be sourced by the Contractor.
- c) Manufacture/procurement of all required structural, systems and components elements of the accepted design.
- d) Factory acceptance testing of all non-commercial off-the-shelf (COTS) equipment.

3. Construction & Installation

- a) Construction of the accepted enabling work and facility design, including temporary works.
- b) Site Installation and integration of all building services, mechanical plant and process

equipment, including setting to work and preparation of necessary documentation (including work/operating instructions).

c) Site Acceptance Testing / Integrated Systems Testing

4. Inactive Commissioning, including provision of training for the Client's operators.

Additional points

- Magnox expects the successful tenderer to hold Principal Designer (PD) and Principal Contractor (PC) roles under the Construction Design and Management Regs.
- Specific Nuclear site/delivery experience is not deemed vital, however effective engagement and management of specialist subcontractors in relation to certain aspects of the scope will be essential to understand, for example, ventilation system specification constraints within a nuclear facility/site.
- Following SQ, it is anticipated that the tender action will be single stage and the Contract Form will likely be NEC4 Option C (given the extent of the existing Scheme Design), although there will be an opportunity to discuss this proposal at the presentation and via a questionnaire following the PIN period.
- The procurement will comply with Public Contract Regs.
- The Contract Notice Publish Date identified below is an estimate and is dependent on strategy/budgetary approval.

II.2.14) Additional information

A presentation to provide a more detailed overview on the scope and anticipated procurement process is planned for some time during the week following the PIN period. In addition, a questionnaire will be issued either on the call or straight afterwards to enable feedback from suppliers.

IF YOU WISH TO RECEIVE AN INVITE TO THE WEBINAR, PLEASE CONTACT FIONA PEARSE VIA: fiona.pearse@magnoxsites.com.

II.3) Estimated date of publication of contract notice

13 May 2024

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