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Contract

Nuclear Power Generation Costs

Business Energy and Industrial Strategy

F03: Contract award notice
Notice identifier: 2022/S 000-015266
Procurement identifier (OCID): ocds-h6vhtk-034248
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Section I: Contracting authority

I.1) Name and addresses

Business Energy and Industrial Strategy

1 Victoria Street

London

SW1H0ET

Contact

Paul Donovan

Email

Paul.Donovan@beis.gov.uk

Country

United Kingdom

NUTS code

UKI32 - Westminster

Internet address(es)

Main address

https://www.gov.uk/government/organisations/department-for-business-energy-and-industrial-strategy

Buyer's address

https://www.gov.uk/government/organisations/department-for-business-energy-and-industrial-strategy

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Nuclear Power Generation Costs

Reference number

5655/01/2022

II.1.2) Main CPV code

- 71314300 - Energy-efficiency consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

BEIS is looking to update nuclear generation cost and technical assumptions to more accurate figures, reflecting the changes in the nuclear policy, market, and technology spaces. Current assumptions cover only large-scale nuclear power, but these must now include a wider range of nuclear technologies, namely SMRs (small modular reactors) and AMRs (advanced modular reactors).

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: £87,860.58

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

These outputs will support wider departmental modelling of the GB electricity generation system and net zero electricity generation pathways to 2050, which is key to understanding potential electricity generation mixes required to ensure a low-cost, stable, and net zero future. These costs are anticipated to be published in the next Electricity Generation Costs publication, and should be aggregated/summarised so as not to be inaccessible through commercial confidentiality or otherwise, in a similar manner to previous Generation Costs reports.

II.2.5) Award criteria

Quality criterion - Name: Relevant Experience & Expertise / Weighting: 20

Quality criterion - Name: Methodology & Approach / Weighting: 30

Quality criterion - Name: Project Management / Weighting: 15

Quality criterion - Name: Quality of Resource / Weighting: 15

Price - Weighting: 20

II.2.11) Information about options

Options: Yes

Description of options

Multiple options in the power sector need to be explored in order to determine what electricity generation mix will be needed to reach Net Zero 2050. As part of this, nuclear power will have a part to play in supplying reliable baseload power to complement intermittent renewables.

In-house modelling in BEIS is crucial to understanding the future GB electricity generation mix and we need up to date information for accurate and robust modelling. Therefore, BEIS is now looking to update nuclear generation cost and technical assumptions to more accurate figures, reflecting the changes in the nuclear policy, market, and technology spaces. Current assumptions cover only large-scale nuclear power, but these must now include a wider range of nuclear technologies, namely SMRs (small modular reactors) and AMRs (advanced modular reactors). The project will build on and expand previous work commissioned by BEIS on generation costs (including nuclear) , and SMRs . See Annex D for further key sources of evidence and relevant publications

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

This was a further competition via the Crown Commercial Services Framework RM3824 Heat Networks and Electricity Generation Assets Framework.

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

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract

Contract No

5655/01/2022

Title

Nuclear Power Generation Costs

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

3 May 2022

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

Frazer Nash Consultancy Limited

Stonebridge House, Dorking Business Park, Dorking

Surrey

RH4 1HJ

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

Yes

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

Initial estimated total value of the contract/lot: £87,860.58

Total value of the contract/lot: £87,860.58

Section VI. Complementary information

VI.3) Additional information

These outputs will support wider departmental modelling of the GB electricity generation system and net zero electricity generation pathways to 2050, which is key to understanding potential electricity generation mixes required to ensure a low-cost, stable, and net zero future. These costs are anticipated to be published in the next Electricity Generation Costs publication, and should be aggregated/summarised so as not to be inaccessible through commercial confidentiality or otherwise, in a similar manner to previous Generation Costs reports .

VI.4) Procedures for review

VI.4.1) Review body

Department of Business, Energy & Industrial Strategy

1 Victoria Street

London

Country

United Kingdom