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Planning

UK Manufacturing Technology for Next Generation Wind Turbines: Composites Phase 2

Department for Business Energy and Industrial Strategy (BEIS)

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-010129

Procurement identifier (OCID): ocds-h6vhtk-02af02

Published 10 May 2021, 2:25pm

Section I: Contracting authority

I.1) Name and addresses

Department for Business Energy and Industrial Strategy (BEIS)

1 Victoria Street

London

SW1H 0ET

Email

renewables.innovation@beis.gov.uk

Telephone

+44 2072155740

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://www.delta-esourcing.com>

Buyer's address

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

I.3) Communication

Additional information can be obtained from the above-mentioned address

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

UK Manufacturing Technology for Next Generation Wind Turbines: Composites Phase 2

II.1.2) Main CPV code

- 73000000 - Research and development services and related consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

BEIS is considering procuring work under Phase 2 of the 'UK Manufacturing Technology for Next Generation Wind Turbines', to further explore incorporating radically new composite-based components and lightweight designs in 20MW+ offshore wind turbines.

Scope of Phase 2 would build on the feasibility studies carried out by the Offshore Wind Energy Catapult (OREC) and the National Composites Centre (NCC) in Phase 1:

-Develop a turbine design architecture to assess and prioritise the value of replacing components with alternatives using advanced composite materials and manufacturing techniques

-Engage with the UK based supply chain to identify barriers and develop solutions in design and manufacturing to deliver in a UK context

-Integrate the findings and produce a business case containing evidence on the value of undertaking work in a potential Phase 3

II.1.5) Estimated total value

Value excluding VAT: £5,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 73100000 - Research and experimental development services
- 73200000 - Research and development consultancy services
- 73300000 - Design and execution of research and development

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

II.2.4) Description of the procurement

BEIS is seeking market input to find a suitable Delivery Partner (DP) and a procurement route for the programme.

The DP would be expected to:

-Demonstrate technical expertise and operational knowledge in offshore wind and composite materials industries to develop designs and specifications

-Engage neutrally with the market and the UK supply chain to assess the barriers and enablers for increasing composites use in the UK's offshore wind supply chain

-Project manage the delivery and integration of the findings to deliver a business case for a potential Ph3 (demonstration)

-As a minimum, make available to all bidders competing in potential Ph3 the IP and all key information developed in Ph2. BEIS reserves its right to exclude the DP from involvement in Ph3 if it is considered that there is no other way of maintaining a level playing field

-Demonstrate how the designs and specifications developed in Ph2 can be manufactured and delivered within the UK based supply chain.

II.2.14) Additional information

A Market Engagement Event for organisations interested in finding out more about the programme will take place on 24th May. The event will be hosted online and will be recorded.

Please register your interest by e-mailing renewables.innovation@beis.gov.uk, with the e-mail subject "NZIP Composites Phase 2 – Delivery Partner". Please include your email address, company and job role.

II.3) Estimated date of publication of contract notice

15 July 2021

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

Section VI. Complementary information

VI.3) Additional information

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