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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): ocids-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](mailto: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

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**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](mailto: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

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## **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

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## **Section VI. Complementary information**

### **VI.3) Additional information**

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