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Tender

## **Realtime Simulator**

Offshore Renewable Energy Catapult

F02: Contract notice

Notice identifier: 2023/S 000-001655

Procurement identifier (OCID): ocds-h6vhtk-0398c7

Published 19 January 2023, 11:21am

### **Section I: Contracting authority**

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

Offshore Renewable Energy Catapult

Inovo, 121 George Street

Glasgow

G1 1RD

#### **Contact**

Mr Ross Cook

#### **Email**

[procurement@ore.catapult.org.uk](mailto:procurement@ore.catapult.org.uk)

#### **Telephone**

+44 7425657551

#### **Country**

United Kingdom

**Region code**

UKC21 - Northumberland

**Internet address(es)**

Main address

<https://www.ore.catapult.org.uk>

Buyer's address

<https://www.ore.catapult.org.uk>

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://procontract.due-north.com/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://procontract.due-north.com/>

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

Other type

Compliance with grant funding agreement

**I.5) Main activity**

Other activity

Research and Development

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## **Section II: Object**

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

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

Realtime Simulator

Reference number

DN651543

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

- 34150000 - Simulators

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

Supplies

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

ORE Catapult is in the process of enhancing its real-time simulation capability and subsequently have a requirement for a real-time simulator that is capable of communicating with standard wind industry power converters and automation industry drives which will allow ORE Catapult to conduct novel control strategy of complex power systems and power electronics systems in a high speed and accurate manner.

The equipment will be located on the mineGrid (Grid Emulator System) test stand based at the Technology Development Centre (TDC) in Blyth, Northumberland, in an enclosed facility. The test stand will allow the possibility of accelerated validation of wind and marine renewable energy devices, generators, electrical balance of plant components, hydrogen electrolysers and energy storage devices in a controlled environment, reducing time to market, improving reliability and mitigating the risks associated with deployment of these devices.

#### **II.1.5) Estimated total value**

Value excluding VAT: £220,000

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

This contract is divided into lots: No

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

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

NUTS codes

- UKC21 - Northumberland

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

ORE Catapult is in the process of enhancing its real-time simulation capability and subsequently have a requirement for a real-time simulator that is capable of communicating with standard wind industry power converters and automation industry drives which will allow ORE Catapult to conduct novel control strategy of complex power systems and power electronics systems in a high speed and accurate manner.

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### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Start date

1 April 2023

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

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

The procurement is covered by the Government Procurement Agreement: No

### **IV.2) Administrative information**

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

20 February 2023

Local time

12:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

20 February 2023

Local time

12:05pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

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

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

Royal Courts of Justice

London

Country

United Kingdom

#### **VI.4.2) Body responsible for mediation procedures**

Royal Courts of Justice

London

Country

United Kingdom