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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

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

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

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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

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

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