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Award

AUIP Sensor Package

Offshore Renewable Energy Catapult

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-009338

Procurement identifier (OCID): ocds-h6vhtk-04ed10

Published 14 March 2025, 8:57am

Scope

Description

As part of our Innovate UK-funded project, we are required to develop an offshore wind farm simulated

environment where robotic developers can test and validate their systems. To ensure the simulation

accurately reflects real-world conditions, we will conduct underwater mapping inspections of key areas of

interest, such as the DARE Centre, Grimsby Docks, and LDT. These inspections will allow us to build true-to-scale underwater environments, ensuring that objects and obstacles encountered in simulation match those

found in real-world operations.

To achieve this, we require an advanced sensor payload capable of high-precision underwater inspections.

The Frontier Robotics sensor system is a novel, state-of-the-art solution that enables both 3D mapping of

underwater environments and millimeter-accurate asset inspections of infrastructure such as turbine

foundations and cables. This system is not yet commercially available, and we will be the first company to

own it as an asset, po

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Contract 1

Supplier

- [Frontier Robotics](#)

Contract value

- £42,378 including VAT

Below the relevant threshold

Earliest date the contract will be signed

14 March 2025

Contract dates (estimated)

- 17 March 2025 to 1 May 2025
- 1 month, 16 days

Main procurement category

Goods

CPV classifications

- 42997300 - Industrial robots

Contract locations

- UKC21 - Northumberland

Procedure

Procedure type

Direct award

Direct award justification

- Single supplier - intellectual property or exclusive rights
- Single supplier - technical reasons

As no viable competitor exists, a single source tender is the only feasible procurement route.

Supplier

Frontier Robotics

The National Robotarium, Heriot-Watt University

Edinburgh

EH14 4AS

United Kingdom

Email: david@frontierrobotics.ai

Region: UKM75 - Edinburgh, City of

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1

Contracting authority

Offshore Renewable Energy Catapult

- Public Procurement Organisation Number: PYJB-8958-TLYW

121 George Street, Inovo

Glasgow

G1 1RD

United Kingdom

Email: procurement@ore.catapult.org.uk

Region: UKM82 - Glasgow City

Organisation type: Public authority - sub-central government