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Contract

## **MK4 Sensor Development**

NATIONAL NUCLEAR LABORATORY LIMITED

F03: Contract award notice

Notice identifier: 2024/S 000-026983

Procurement identifier (OCID): ocds-h6vhtk-049352

Published 23 August 2024, 10:29am

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

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

NATIONAL NUCLEAR LABORATORY LIMITED

Workington

#### **Email**

[nnl.procurement@uknnl.com](mailto:nnl.procurement@uknnl.com)

#### **Country**

United Kingdom

#### **Region code**

UKD11 - West Cumbria

#### **Companies House**

03857752

#### **Internet address(es)**

Main address

<https://www.nnl.co.uk/>

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

Body governed by public law

#### **I.5) Main activity**

Other activity

Nuclear

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## **Section II: Object**

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

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

MK4 Sensor Development

Reference number

GC\_173\_7

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

- 73100000 - Research and experimental development services

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

Services

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

National Nuclear Laboratory ("NNL") has awarded a contract to Sensor Driven who will further develop the concept to create and demonstrate key scientific components of a sensor for use in nuclear stores as part of the Gamechangers Innovation Programme.

For further information on the Gamechangers Innovation Programme please visit <https://www.gamechangers.technology/>

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

This contract is divided into lots: No

### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £249,030.95

## **II.2) Description**

### **II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services

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

NUTS codes

- UK - United Kingdom

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

The aim of this proof of concept project is to create and demonstrate key scientific components of a sensor for use in nuclear stores. The ultimate goal of this contract is to produce a sensor system that will last up to 30 years, monitoring temperature and pressure. Data will be wirelessly transmitted to operators, with an instant alert if levels exceed defined thresholds

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

Price

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

Options: Yes

Description of options

Should additional funding become available to further develop this scope of work then the potential to extend is available.

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## Section IV. Procedure

### IV.1) Description

#### IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

National Nuclear Laboratory ("NNL") has awarded a contract to Sensor Driven who will further develop the concept for a Sensor for use in nuclear stores as part of the Gamechangers Innovation Programme. The aim of this proof of concept project is to create and demonstrate key scientific components of a

sensor for use in nuclear stores.

Sensor Driven were selected through a response to a Gamechangers Challenge Statement which sought applications for feasibility funding.

Following all supplier applications for feasibility funding for the above project, Sensor Driven were selected as a successful supplier by the funders, Sellafield Ltd. An initial £10,000 of feasibility funding was provided, which supported Sensor Driven to:

- Create a Business Case
- Generate of a Project Plan of milestones and future funding requirements, and
- Create a Risk Register.

The output of this feasibility study was then further evaluated by Sellafield Ltd and Sensor Driven were selected for additional funding for a Proof-of-Concept for this project. This Proof of Concept will enable them to further develop this concept and technology further.

Gamechangers is an innovation programme which finds solutions for complex nuclear industry challenges and allows the supplier to retain ownership of the Intellectual Property throughout the advancement of technology readiness level. They accept applications and work with all sizes and across all sectors to identify and develop the most promising of technology. Suppliers who have an idea which might be of interest, please follow the below link to the Gamechangers Technology challenge website for further information or to explore Challenges that may be of interest.

<https://www.gamechangers.technology/>

#### **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 V. Award of contract**

#### **Contract No**

GC\_173\_7

A contract/lot is awarded: Yes

#### **V.2) Award of contract**

##### **V.2.1) Date of conclusion of the contract**

19 July 2024

##### **V.2.2) Information about tenders**

Number of tenders received: 1

The contract has been awarded to a group of economic operators: No

##### **V.2.3) Name and address of the contractor**

Sensor Driven

Bristol

Country

United Kingdom

NUTS code

- UKK11 - Bristol, City of

Companies House

10864676

The contractor is an SME

Yes

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £249,030.95

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**Section VI. Complementary information**

**VI.4) Procedures for review**

**VI.4.1) Review body**

The Royal Courts of Justice

The Strand

London

WC2A 2LL

Country

United Kingdom