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Contract

## **Distributed sensor interrogators: Acoustic, Strain and Temperature**

UNIVERSITY OF EAST ANGLIA

F03: Contract award notice

Notice identifier: 2023/S 000-021931

Procurement identifier (OCID): ocds-h6vhtk-0385fa

Published 28 July 2023, 9:52am

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

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

UNIVERSITY OF EAST ANGLIA

Norwich Research Park,Earlham Road

NORWICH

NR4 7TJ

#### **Contact**

Karen Gallant

#### **Email**

[karen.gallant@uea.ac.uk](mailto:karen.gallant@uea.ac.uk)

#### **Country**

United Kingdom

#### **Region code**

UKH15 - Norwich and East Norfolk

**Companies House**

RC000651

**Internet address(es)**

Main address

<https://www.uea.ac.uk/>

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

Body governed by public law

**I.5) Main activity**

Education

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## **Section II: Object**

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

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

Distributed sensor interrogators: Acoustic, Strain and Temperature

Reference number

PURCON 1059

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

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

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

Supplies

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

Traditional methods of subsurface monitoring are restricted in either time or space. Spot measurements record continuously but lack spatial resolution. Campaign measurements capture high spatial resolution data at a single point in time. Distributed Sensing (DS) is a brand-new technology for environmental research that does not rely upon individual sensors but utilises optical fibre. DS methods will become increasingly used to analyse systems on a new range of scales - the high spatial resolution allows for microscopic-scale studies; the length of cables enables large-scale investigations.

The University of East Anglia has acquired funding for a system that includes distributed acoustic sensor (DAS), distributed strain sensor (DSS) and distributed temperature sensor (DTS). DAS to record high-frequency ground motion associated with natural sources such as earthquakes and active sources for exploration, DSS to record slower ground deformation from sources such as tectonic slip, glacial rebound and erosional processes, and DTS to capture temperature profiles and variations in the subsurface. Thus, DiSTANS (Distributed Strain, Temperature and Acoustic seNsing Suite) will contribute to answering many challenging questions related to the subsurface, and their control on the surface environment. Hence, DiSTANS will be deployed in a range of potentially hazardous environments.

#### **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: £413,374

**II.2) Description****II.2.2) Additional CPV code(s)**

- 73100000 - Research and experimental development services

**II.2.3) Place of performance**

NUTS codes

- UKH15 - Norwich and East Norfolk

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

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**II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

**II.2.11) Information about options**

Options: 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.2.1) Previous publication concerning this procedure**

Notice number: [2022/S 000-032586](#)

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

A contract/lot is awarded: Yes

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

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

20 February 2023

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

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 1

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

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

Silixa

230 Centennial Park, Centennial Avenue

Elstree

WD6 3SN

Country

United Kingdom

NUTS code

- UKI7 - Outer London – West and North West

Companies House

6207412

The contractor is an SME

Yes

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

Total value of the contract/lot: £413,374

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## **Section VI. Complementary information**

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

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

University of East Anglia

Norwich Research Park, Earlham Road

Norwich

NR4 7TJ

Country

United Kingdom

