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Contract

The Provision of Ocean-Bottom Seismographs

UNIVERSITY OF SOUTHAMPTON

F03: Contract award notice

Notice identifier: 2022/S 000-008167

Procurement identifier (OCID): ocds-h6vhtk-02fb13

Published 25 March 2022, 2:50pm

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF SOUTHAMPTON

BUILDING 85, HIGHFIELD CAMPUS, UNIVERSITY ROAD

SOUTHAMPTON

SO171BJ

Contact

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Country

United Kingdom

NUTS code

UKJ32 - Southampton

Internet address(es)

Main address

www.soton.ac.uk

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

The Provision of Ocean-Bottom Seismographs

Reference number

2021UoS-0412

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

The purchase of broadband ocean-bottom seismographs to be used primarily for solid Earth imaging using natural sources of seismic energy (e.g. earthquakes, ocean waves)

but will also be used in experiments that use man made controlled seismic sources (e.g. airguns).

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: £389,350

II.2) Description

II.2.2) Additional CPV code(s)

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

II.2.3) Place of performance

NUTS codes

- UKJ - South East (England)

Main site or place of performance

National Oceanography Centre Southampton (NOCS)

European Way, Southampton SO14 3ZH

II.2.4) Description of the procurement

The Ocean-Bottom Instrumentation Facility (OBIF) has a successful track record of over 15 years of deploying a range of autonomous sensors on the seabed. OBIF is funded by the UK's Natural Environment Research Council (NERC) and operated jointly by the Universities of Southampton and Durham to support researchers in a range of environmental science disciplines.

We carry out deployments in water depths ranging between 10's of m and 5500 m for periods from a few days to a year to measure parameters such as ground vibration, pressure, and electric and magnetic field strengths.

OBIF currently have a fleet of 55 autonomous seabed instruments, with a physical platform (flotation, pressure tubes, acoustic releases) modified from an original Scripps Institution of Oceanography design, although the current generation of loggers are an internal OBIF design. For measuring vibrations, we currently use high-frequency sensors. We have been awarded NERC capital funding to extend our capability by purchase of a

number of market-established broadband ocean-bottom seismographs.

We wish to procure a small number (5-10 depending on cost) of broadband ocean-bottom seismographs to assess their interoperability with our existing instrument pool, with a view to expansion of these numbers in the mid-to-longer term. They will be used primarily for solid Earth imaging using natural sources of seismic energy(e.g. earthquakes, ocean waves) but will also be used in experiments that use manmade controlled seismic sources (e.g. airguns).

II.2.5) Award criteria

Quality criterion - Name: Mandatory Technical Requirements / Weighting: Pass / Fail

Quality criterion - Name: Desirable Technical Requirements / Weighting: 40

Quality criterion - Name: Exemplar Deployments / Weighting: 15

Quality criterion - Name: Quality of Data Samples / Weighting: 25

Cost criterion - Name: Number of Seismographs provided for the budget / Weighting: 20

II.2.11) Information about options

Options: 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.2.1) Previous publication concerning this procedure

Notice number: [2021/S 000-029602](#)

Section V. Award of contract

Contract No

2021UoS-0412

Title

The Provision of Ocean-Bottom Seismographs

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

14 March 2022

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 2

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

V.2.3) Name and address of the contractor

Nanometrics Inc

250 Herzberg Rd

Kanata, Ontario

K2K 2A1

Country

Canada

NUTS code

- CA - Canada

The contractor is an SME

No

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

Initial estimated total value of the contract/lot: £395,000

Total value of the contract/lot: £389,350

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

University of Southampton

Southampton

Country

United Kingdom