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Tender

## **Provision of Broadband Ocean-Bottom Seismographs**

UNIVERSITY OF SOUTHAMPTON

F02: Contract notice

Notice identifier: 2021/S 000-005634

Procurement identifier (OCID): ocids-h6vhtk-029d73

Published 19 March 2021, 1:19pm

The closing date and time has been changed to:

**27 April 2021, 12:00pm**

See the [change notice](#).

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

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

UNIVERSITY OF SOUTHAMPTON

BUILDING 85, HIGHFIELD CAMPUS, UNIVERSITY ROAD

SOUTHAMPTON

SO171BJ

#### **Contact**

Tony Fay

#### **Email**

[Procurement@soton.ac.uk](mailto:Procurement@soton.ac.uk)

**Country**

United Kingdom

**NUTS code**

UKJ32 - Southampton

**Internet address(es)**

Main address

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

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://in-tendhost.co.uk/universityofsouthampton.aspx/home>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://in-tendhost.co.uk/universityofsouthampton.aspx/home>

**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**

Provision of Broadband Ocean-Bottom Seismographs

Reference number

2020UoS-0208

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

- 38430000 - Detection and analysis apparatus

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

Supplies

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

The University of Southampton wishes 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.1.5) Estimated total value**

Value excluding VAT: £375,000

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

This contract is divided into lots: No

### **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

- UKJ32 - Southampton

Main site or place of performance

The Equipment purchased from this tender exercise is to be delivered to:

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 Requirements / Weighting: Pass/Fail

Quality criterion - Name: Desirable Requirements / Weighting: 50

Quality criterion - Name: Data Samples / Weighting: 30

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

### **II.2.6) Estimated value**

Value excluding VAT: £375,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

60

This contract is subject to renewal

Yes

Description of renewals

There may be a further requirement to purchase more sensors from this resulting contract at the discretion of the University should future funding be assigned to this research.

### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: No

### **II.2.14) Additional information**

This contract is NOT suitable for splitting into lots. The risk of dividing the requirement into Lots would render the execution of the contract excessively technically difficult, not cost effective and would undermine proper execution of the contract.

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

List and brief description of selection criteria

To support the financial assessment, the University will obtain a Business Risk Report for all Potential Suppliers and every organisation that is being relied on to meet this procurement, using an independent company called Creditsafe.

The University reserves the right to exclude a Tenderer or request provision of further assurances such as parent company/bank guarantee or performance bonds where a Tenderer's Business Risk

Score is: "Moderate Risk"; "High Risk"; "Very High Risk"; or "Not Rated", based on the rating provided by Creditsafe

Where a Business Risk Score from our external system is not available, then an alternative method of assessing financial standing will be used. This method is detailed within the Invitation to Tender document set.

Minimum level(s) of standards possibly required

Minimum level(s) of standards possibly required:

Potential suppliers are advised that a requirement of this procurement is to have in place, or commit to obtain prior to the commencement of the contract, the following minimum insurance levels:

Employers (Compulsory) Liability: £10 million GBP per occurrence.

Public Liability: £10 million GBP per occurrence.

Product Liability: £10 million GBP per occurrence and in aggregate

Professional Indemnity Insurance: £5 million GBP per occurrence.

#### **III.1.3) Technical and professional ability**

List and brief description of selection criteria

Tenderers attention is drawn to the MANDATORY requirements of the award criteria:

A system proven by past successful deployments over a range of full ocean depths. Data examples (in miniseed form with appropriate meta-data including instrument response, station longitude, latitude, water depth, clock synchronization and any time corrections applied) should be provided as part of the tender submission, and be sufficient to enable evaluation of performance during quiescent periods and periods of seismic activity, together with periods of sensor releveling as applicable.

To have a depth rating for all deployed components of at least 6000 m.

#### Warranty and servicing

All electronic components to be covered by warranty for a period of at least 12 months.

#### Acceptance

At customer discretion, acceptance will be subject to a post award deep-water systems trial to be carried out at customer cost, most likely from a UK port.

The timing of this trial is negotiable within a window commencing 3 months from part to 3 months from full delivery.

Delivery of complete order before 1st December 2021.

Please see the File 4 Specification document for full details of all requirements of this tender.

### **III.2) Conditions related to the contract**

#### **III.2.2) Contract performance conditions**

At the University's discretion, acceptance will be subject to a deep-water systems trial to be carried out at customer cost, most likely from a UK port.

The timing of this trial is negotiable within a window commencing 3 months from part to 3 months from full delivery.

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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: Yes

### **IV.2) Administrative information**

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Originally published as:

Date

20 April 2021

Local time

12:00pm

Changed to:

Date

27 April 2021

Local time

12:00pm

See the [change notice](#).

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 4 (from the date stated for receipt of tender)



#### **IV.2.7) Conditions for opening of tenders**

Date

20 April 2021

Local time

12:01pm

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### **Section VI. Complementary information**

#### **VI.1) Information about recurrence**

This is a recurrent procurement: No

#### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

#### **VI.3) Additional information**

The University is utilising an electronic tendering tool, In-Tend (<https://intendhost.co.uk/universityofsouthampton>) to manage this procurement and to communicate with potential suppliers and/or tenderers (as appropriate).

All documentation in relation to this tender can be downloaded from In-Tend.

Potential suppliers/tenderers are advised that there will be no hard copy documents issued and all communications with the University, including the submission of Selection Stage and/or Invitation to Tender responses will be conducted via In-Tend.

Regular monitoring of the portal is the responsibility of the potential supplier/tenderer.

If you are not already registered as a supplier with the University of Southampton, you will need to register in In-Tend in order to access the procurement documentation.

Once you have logged in as a supplier: click on 'Tenders'; locate the relevant project; and click 'View Details'. Once you are in the project screen, you will be able to register your

organisation against the project and access all documentation by clicking 'Express Interest'.

Potential suppliers/tenderers are advised that formal expressions of interest in the project must be by way of completion and return of the relevant documents via In-Tend.

Further instructions for the submission of responses are below:

To submit your return:

1. Log in
2. Click 'Tenders'
3. Locate the relevant project
4. View details
5. Click on the tab relating to the relevant project stage (e.g. 'Invitation to Tender')
6. Click on the 'Attach Documents' button and upload your return.
7. Check ALL your response documents are uploaded and displayed in the 'My Tender Return' panel. The system will only permit your organisation to make one return.
8. Click the red 'Submit Return' button.

Please note, to preserve the integrity of the procurement, all communications with the University must be made via the correspondence function within In-Tend.

Publication of Award Details: In accordance with Regulation 50, paragraph (2) of the Public Contracts Regulations 2015 and subject to Article 5 and Annex 5, Part D (13) of Directive 2014/24/EU of the European Parliament and of the Council (if applicable), the University intends to publish the value of any resulting contract at the award stage, and reserves the right to do so. By submitting a response, potential suppliers/tenderers are consenting to publication of this information unless otherwise agreed in advance with the University.

Costs and Expenses: Potential suppliers/tenderers are solely responsible for their costs and expenses incurred in connection with the preparation and submission of responses and participation in this and all future stages of this procurement. Under no circumstances will the University be liable for any costs or expenses borne by potential suppliers/tenderers or any of their supply chain, partners or advisers in this procurement process.

The University is not liable for any costs in the event of the cancellation of this procurement process.

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

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

University of Southampton

University Road

Southampton

SO17 1BJ

Country

United Kingdom