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Contract

UK Simons Observatory (SO:UK) Consortium - Small Aperture Telescope Platform (SATP)

UNIVERSITY OF MANCHESTER

F03: Contract award notice

Notice identifier: 2022/S 000-024783

Procurement identifier (OCID): ocids-h6vhtk-0365c0

Published 5 September 2022, 11:35am

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF MANCHESTER

Room G010, John Owens Building, Oxford Road

MANCHESTER

M139PL

Contact

Paul Carter

Email

paul.carter-2@manchester.ac.uk

Telephone

+44 1612752207

Country

United Kingdom

Region code

UKD33 - Manchester

UK Register of Learning Providers (UKPRN number)

10007798

Internet address(es)

Main address

<https://www.manchester.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

UK Simons Observatory (SO:UK) Consortium - Small Aperture Telescope Platform (SATP)

Reference number

2022-1942-SATP-MB-PC

II.1.2) Main CPV code

- 32534000 - Satellite platforms

II.1.3) Type of contract

Supplies

II.1.4) Short description

A Request for Proposals (RFP) was conducted by University of California, San Diego, in May 2018 for a vendor to design and construct small aperture camera platforms for the Simons Observatory (SO) which is a US-led international project to construct a group of CMB telescopes in the Atacama Desert in northern Chile. It has been designed to address new science challenges, and is due to begin operations in 2023.

In order to address its primary science goals, the SO collaboration has designed a single experiment that is unique amongst its peers in the field of CMB studies .

The major UK contribution to SO is to specifically build, deploy, commission and operate an array of two small aperture telescopes (the SO:UK instrument) to exactly match the existing (US) SO instrument proprietary plans awarded under Purchasing Agreement SD-18-1025.

The UK instrument will form a major component of the SO, providing 50% of its sensitivity to primordial B-modes. The additional sensitivity that will be provided by the SO:UK instrument has the potential to bring a compelling class of inflation models within our reach, for the first time.

In building the instrument, we will incorporate a number of innovative features including the first use of a new detector technology (Kinetic Inductance Detectors, KIDs) in a CMB B-mode experiment.

In addition to KIDs, the instrument work also includes the development and demonstration of novel meta-material (MM) quasi-optical components and high-performance detector readout 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: 2,507,689 EUR

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKD - North West (England)

Main site or place of performance

The University of Manchester

II.2.4) Description of the procurement

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II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 70

Cost criterion - Name: Cost / Weighting: 30

II.2.11) Information about options

Options: No

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 services can be provided only by a particular economic operator for the following reason:
 - absence of competition for technical reasons

Explanation:

A Request for Proposals (RFP) was conducted by University of California, San Diego, in May 2018 for a vendor to design and construct small aperture camera platforms for the Simons Observatory (SO) which is a US-led international project to construct a group of CMB telescopes in the Atacama Desert in northern Chile. It has been designed to address new science challenges, and is due to begin operations in 2023.

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IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section V. Award of contract

Contract No

2022-1942-SATP-MB-PC

Title

UK Simons Observatory (SO:UK) Consortium - Small Aperture Telescope Platform (SATP)

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

2 September 2022

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

VERTEX ANTENNENTECHNIK GmbH

Baumstraße 46-50

Duisburg

47198

Country

Germany

NUTS code

- DE - Germany

Justification for not providing organisation identifier

Not on any register

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: 2,507,689 EUR

Total value of the contract/lot: 2,507,689 EUR

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The High Court of Justice of England

Strand

London

WC2A 2LL

Country

United Kingdom

VI.4.4) Service from which information about the review procedure may be obtained

The University of Manchester

Manchester

M13 9PL

Email

procurement@manchester.ac.uk

Country

United Kingdom

Internet address

<https://in-tendhost.co.uk/universityofmanchester.aspx/Home>