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Contract

UK SBS PR19106 SPEQTRE Spacecraft Platform and Software

UK Shared Business Services

F03: Contract award notice

Notice identifier: 2021/S 000-001988

Procurement identifier (OCID): ocds-h6vhtk-028f1a

Published 1 February 2021, 5:32pm

Section I: Contracting authority

I.1) Name and addresses

UK Shared Business Services

Polaris House, North Star Avenue

Swindon

SN2 1FF

Email

procurement@stfc.ac.uk

Telephone

+44 1793867133

Country

United Kingdom

NUTS code

UKJ14 - Oxfordshire

Internet address(es)

Main address

<https://www.ukri.org/>

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Government funded research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UK SBS PR19106 SPEQTRE Spacecraft Platform and Software

Reference number

UKSBS PR19106

II.1.2) Main CPV code

- 32534000 - Satellite platforms

II.1.3) Type of contract

Supplies

II.1.4) Short description

The project called “Speqtre” formerly known as “QKD QubeSat” is a collaboration between the Singapore and UK (BEIS) governments, and could lead to a more secure online activity for consumers in everything from financial transactions to online conversations. The project scope is to build and fly a satellite quantum key distribution (QKD) test bed. Through this collaboration, Singapore and the UK will co-develop a satellite called “Speqtre”, a satellite based on the CubeSat standard that will use a pioneering QKD technology to test the secure distribution of cryptographic keys over globe-spanning distances. The project was kicked off around Feb 2019 and is currently around PDR stage. The satellite is expected to

be launched around Q3/Q4 2023. In the UK, work will be led by UKRI, responsible for the development of the platform (BUS) and the optical payload for optical links needed for beaming QKD signals, known as the ‘Optical Payload’.

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: £750,000

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

II.2.4) Description of the procurement

The project called “Speqtre” formerly known as “QKD QubeSat” is a collaboration between the Singapore and UK (BEIS) governments, and could lead to a more secure online activity for consumers in everything from financial transactions to online conversations. The project scope is to build and fly a satellite quantum key distribution (QKD) test bed. Through this collaboration, Singapore and the UK will co-develop a satellite called “Speqtre”, a satellite based on the CubeSat standard that will use a pioneering QKD technology to test the secure distribution of cryptographic keys over globe-spanning distances. The project was kicked off around Feb 2019 and is currently around PDR stage. The satellite is expected to

be launched around Q3/Q4 2023. In the UK, work will be led by UKRI, responsible for the development of the platform (BUS) and the optical payload for optical links needed for beaming QKD signals, known as the 'Optical Payload'.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 75

Cost criterion - Name: Price / Weighting: 25

II.2.11) Information about options

Options: Yes

Description of options

The Optional purchases, that may be taken up by UKRI within 12 months of contract commencement are;

-EO Camera

-Lens Cover

-Flat Sat – EPS

-Flat Sat – Radio

-Flat Sat - ADCS

The options are estimated to be up to a value of £400K GBP excluding VAT

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: 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: Yes

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2020/S 165-401562](#)

Section V. Award of contract

Contract No

PR19106

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

21 January 2021

V.2.2) Information about tenders

Number of tenders received: 4

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

V.2.3) Name and address of the contractor

ISIS - Innovative Solutions In Space

Motorenweg 23

Delft

Country

Netherlands

NUTS code

- NL333 - Delft en Westland

National registration number

N/A

The contractor is an SME

Yes

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

Initial estimated total value of the contract/lot: £1,400,000

Total value of the contract/lot: £750,000

Section VI. Complementary information

VI.3) Additional information

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=565688325>

GO Reference: GO-202121-PRO-17725056

VI.4) Procedures for review

VI.4.1) Review body

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Country

United Kingdom