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Tender

## **Provision of satellite-based systems and services as part of an R and D In-Orbit Demonstration of Quantum Key Distribution**

University of York

F02: Contract notice

Notice identifier: 2021/S 000-028025

Procurement identifier (OCID): ocds-h6vhtk-02f4e6

Published 9 November 2021, 9:40am

The closing date and time has been changed to:

**8 February 2022, 12:00pm**

See the [change notice](#).

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

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

University of York

Heslington

York

YO10 5DD

#### **Contact**

Procurement Office

#### **Email**

[dom.roebuck@york.ac.uk](mailto:dom.roebuck@york.ac.uk)

**Telephone**

+44 1904328211

**Country**

United Kingdom

**NUTS code**

UKE21 - York

**National registration number**

RC000679

**Internet address(es)**

Main address

[www.york.ac.uk](http://www.york.ac.uk)

Buyer's address

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

**I.3) Communication**

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

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted to the above-mentioned address

**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 satellite-based systems and services as part of an R and D In-Orbit Demonstration of Quantum Key Distribution

Reference number

UY/PROC/815

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

- 32534000 - Satellite platforms

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

Supplies

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

The UK Quantum Communications Hub, led by the University of York, and part of the UK National Quantum Technologies Programme, is developing a quantum science payload for a satellite-to-ground In-Orbit Demonstration (IOD). The IOD is an R and D mission, whose main focus is the payload, which includes novel quantum key distribution sources communicating with corresponding receivers in a dedicated Hub Optical Ground station in the UK adapted for the purpose.

#### **II.1.5) Estimated total value**

Value excluding VAT: £1,600,000

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

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UKE21 - York

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

The UK Quantum Communications Hub, led by the University of York, and part of the UK National Quantum Technologies Programme, is developing a quantum science payload for a satellite-to-ground In-Orbit Demonstration (IOD). The IOD is an R&D mission, whose main focus is the payload, which includes novel quantum key distribution sources communicating with corresponding receivers in a dedicated Hub Optical Ground station in the UK adapted for the purpose. Suppliers are invited to submit proposals for the satellite, systems, and services required to deliver and support the IOD. The requirement includes a dedicated or shared satellite host for the payload, operating in Low Earth Orbit; integration and testing of the payload in the satellite. A launch and early operations phase (LEOP) is also required, together with post-LEOP satellite operations for the duration of the IOD, which is expected to last for least 12 months.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

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

Value excluding VAT: £1,600,000

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

Start date

1 February 2022

End date

31 December 2024

This contract is subject to renewal

No

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

Variants will be accepted: Yes

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

Options: Yes

Description of options

EO Camera; Lens Cover; Flat Sat – EPS / Radio / ADCS / OBC.

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

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

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

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

Selection criteria as stated in the procurement documents

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

Selection criteria as stated in the procurement documents

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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

9 December 2021

Local time

12:00pm

Changed to:

Date

8 February 2022

Local time

12:00pm

See the [change notice](#).

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

English

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

Date

9 December 2021

Local time

12:05pm

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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.4) Procedures for review**

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

Royal Courts of Justice

London

WC2A 2LL

Telephone

+44 2079476000

Country

United Kingdom

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

University of York

Heslington

York

YO10 5DD

Telephone

+44 1904320000

Country

United Kingdom

Internet address

[www.york.ac.uk](http://www.york.ac.uk)