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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

Telephone

+44 1904328211

Country

United Kingdom

NUTS code

UKE21 - York

National registration number

RC000679

Internet address(es)

Main address

www.york.ac.uk

Buyer's address

<https://in-tendhost.co.uk/york/asp/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/asp/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

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

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

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

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