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Contract

T23/0048 - ALIGN Laser CubeSat UKSA NSIP Phase 3

University of Northumbria at Newcastle

F03: Contract award notice

Notice identifier: 2024/S 000-018510

Procurement identifier (OCID): ocds-h6vhtk-03cd72

Published 14 June 2024, 4:05pm

Section I: Contracting authority

I.1) Name and addresses

University of Northumbria at Newcastle

Pandon Building, Camden Street, Newcastle upon Tyne

Newcastle upon Tyne

NE1 8ST

Contact

Alex Lyubych

Email

alex.lyubych@northumbria.ac.uk

Telephone

+44 7936036553

Country

United Kingdom

Region code

UKC - North East (England)

Internet address(es)

Main address

<https://www.northumbria.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

T23/0048 - ALIGN Laser CubeSat UKSA NSIP Phase 3

Reference number

T23/0048

II.1.2) Main CPV code

- 34712200 - Satellites

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University is completing the build of three 6U CubeSats as part of a technology demonstration mission funded by the UK Space Agency. This mission will see the launch

of two 6U CubeSats into a sun-synchronous Low Earth Orbit (expected 450 km altitude) in 2026/7. The third 6U CubeSat is our reference model. The payload being developed for assembly integration and testing within the 6U CubeSat bus is a 2U laser communications terminal. The mission goal will be to demonstrate inter-satellite laser optical communications across a range of link lengths up to 1000 km and at least 1 Gbps data transfer rates between the 6U CubeSats. There will be a requirement for a number of ground-passes for frequent data downlink of the experimental results log files and the mission is anticipated to last for 1 year, including a deorbit final stage.

II.1.6) Information about lots

This contract is divided into lots: Yes

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £466,433

II.2) Description

II.2.1) Title

CubeSat Parts

Lot No

One

II.2.2) Additional CPV code(s)

- 35631200 - Observation satellites
- 35631300 - Navigation satellites
- 60510000 - Satellite launch services
- 32530000 - Satellite-related communications equipment
- 32531000 - Satellite communications equipment

II.2.3) Place of performance

NUTS codes

- UKC - North East (England)

Main site or place of performance

NORTH EAST (ENGLAND)

II.2.4) Description of the procurement

We are completing the build of three 6U CubeSats as part of a technology demonstration mission funded by the UK Space Agency. This mission will see the launch of two 6U CubeSats into a sun-synchronous Low Earth Orbit (expected 450 km altitude) in 2026/7. The third 6U CubeSat is our reference model. The payload being developed for assembly integration and testing within the 6U CubeSat bus is a 2U laser communications terminal. The mission goal will be to demonstrate inter-satellite laser optical communications across a range of link lengths up to 1000 km and at least 1 Gbps data transfer rates between the 6U CubeSats. There will be a requirement for a number of ground-passes for frequent data downlink of the experimental results log files and the mission is anticipated to last for 1 year, including a deorbit final stage.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 80

Cost criterion - Name: Price / Weighting: 20

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

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

II.2) Description

II.2.1) Title

UK-Newcastle upon Tyne: Satellites

Lot No

two

II.2.2) Additional CPV code(s)

- 32531000 - Satellite communications equipment

- 32533000 - Satellite earth stations
- 32534000 - Satellite platforms
- 34712200 - Satellites
- 35631200 - Observation satellites

II.2.3) Place of performance

NUTS codes

- UKC - North East (England)

Main site or place of performance

NORTH EAST (ENGLAND)

II.2.4) Description of the procurement

We are completing the build of three 6U CubeSats as part of a technology demonstration mission funded by the UK Space Agency. This mission will see the launch of two 6U CubeSats into a sun-synchronous Low Earth Orbit (expected 450 km altitude) in 2026/7. The third 6U CubeSat is our reference model. The payload being developed for assembly integration and testing within the 6U CubeSat bus is a 2U laser communications terminal. The mission goal will be to demonstrate inter-satellite laser optical communications across a range of link lengths up to 1000 km and at least 1 Gbps data transfer rates between the 6U CubeSats. There will be a requirement for a number of ground-passes for frequent data downlink of the experimental results log files and the mission is anticipated to last for 1 year, including a deorbit final stage. CubeSat parts.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 80

Cost criterion - Name: Price / Weighting: 20

II.2.11) Information about options

Options: No

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: [2023/S 000-032611](#)

Section V. Award of contract

Contract No

T23-0048

Title

T23/0048 - ALIGN Laser CubeSat UKSA NSIP Phase 3

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

26 May 2024

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

EnduroSat Trading LTD

1A Flora Str.,

Sofia

1404

Country

Bulgaria

NUTS code

- BG4 - South-West and South-Central Bulgaria

National registration number

N/A

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: £533,100

Total value of the contract/lot: £466,433

Section VI. Complementary information

VI.3) Additional information

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=861038274>

GO Reference: GO-2024614-PRO-26618405

VI.4) Procedures for review

VI.4.1) Review body

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