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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](mailto: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

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## **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

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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.2.1) Previous publication concerning this procedure**

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

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## **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



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## **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**

Northumbria University at Newcastle

Sutherland Building, Northumberland Road, Newcastle upon Tyne

Newcastle upon Tyne

NE1 8ST

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