

United Kingdom-Sheffield: Laboratory, optical and precision equipments (excl. glasses)

OJ S 70/2023 07/04/2023

Contract award notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: The University of Sheffield

Postal address: Arts Tower

Town: Sheffield

NUTS code: UKE32 Sheffield

Postal code: S10 2TN

Country: United Kingdom

Contact person: James Noble

E-mail: james.noble@sheffield.ac.uk**Internet address(es):**Main address: <https://in-tendhost.co.uk/sheffield/>**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**

Sustainable Aviation Fuels - Innovation Centre: Additional Aviation Characterisation

Laboratory Equipment (6 Lots)

Reference number: 3566/JN

II.1.2. Main CPV code

38000000 Laboratory, optical and precision equipments (excl. glasses)

II.1.3. Type of contract

Supplies

II.1.4. Short description

The University of Sheffield (UoS) with funding from the European Regional Development Fund (ERDF) is establishing a Sustainable Aviation Fuels Innovation Centre (SAF-IC) to support and promote the production and characterisation of decarbonised and sustainable aviation fuel. Further to our previous tenders (3073/JN and 3325/JN) we are looking to complement our research capability and procure a range of test equipment approved to various ASTM (American Society for Testing and Materials) standards as well as other internationally recognised standards where appropriate.

II.1.6. Information about lots

This contract is divided into lots: yes

II.1.7. Total value of the procurement

Value excluding VAT: 105 649,00 GBP

II.2. Description**II.2.1. Title**

Surface Tension in conformity with ASTM D1331
Lot No: 1

II.2.2. Additional CPV code(s)

38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus

II.2.3. Place of performance

NUTS code: UKE32 Sheffield

Main site or place of performance: Sustainable Aviation Fuels - Innovation Centre, Sheffield Business Park, Europa Avenue, Sheffield, S9 1ZA

II.2.4. Description of the procurement

Surface tension is a measurement of the cohesive energy present at an interface. Values for surface tension are usually given when the surface of the liquid is in contact with air. This understanding is important in two key fuel areas, including (i) the movement of gas (air) into and out of turbine fuel, and (ii) the movement of turbine fuel into airstreams by atomization. We are looking for an automated, reliable, durable, compact, and user friendly instrument for quantification of the surface tension of jet fuel at a range of temperature, in conformity with the ASTM D1331 for Sustainable Aviation Fuel/Innovation Centre (SAF-IC) characterisation lab.

II.2.5. Award criteria

Quality criterion - Name: Quality / Weighting: 70
Price - Weighting: 30

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: yes

Identification of the project: European Regional Development Fund (ERDF)

II.2.14. Additional information**II.2. Description****II.2.1. Title**

Electrical conductivity in conformity with ASTM D2624
Lot No: 2

II.2.2. Additional CPV code(s)

38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus

II.2.3. Place of performance

NUTS code: UKE32 Sheffield

Main site or place of performance: Sustainable Aviation Fuels - Innovation Centre, Sheffield Business Park, Europa Avenue, Sheffield, S9 1ZA

II.2.4. Description of the procurement

Aviation fuels, in general, are highly refined products with a very low electrical conductivity. This indicates that they have the potential to build up a very high static electrical charge, which can lead to sparking and ignition of explosive vapours. Commonly, aviation fuels are pumped through distribution lines and filters causing the potential for an static electrical discharge. In any event, the low conductivity of aviation fuels is the fundamental property that can cause a very hazardous situation to arise when handling flowing fuels.

We are looking for a rapid and reliable test device for determining the electrical conductivity of aviation fuels, in conformity with ASTM D2624 for the Sustainable Aviation Fuel-Innovation Centre (SAF-IC) characterisation lab.

II.2.5. Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

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: yes

Identification of the project: European Regional Development Fund (ERDF)

II.2.14. Additional information

II.2. Description

II.2.1. Title

Thermal Conductivity in conformity with ASTM D7894

Lot No: 3

II.2.2. Additional CPV code(s)

38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus

II.2.3. Place of performance

NUTS code: UKE32 Sheffield

Main site or place of performance: Sustainable Aviation Fuels - Innovation Centre, Sheffield Business Park, Europa Avenue, Sheffield, S9 1ZA

II.2.4. Description of the procurement

We are looking for a rapid and reliable test device for determining the thermal conductivity of aviation fuels, in conformity with ASTM D7894 for the Sustainable Aviation Fuel-Innovation Centre (SAF-IC) characterisation lab.

II.2.5. Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

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:
yes

Identification of the project: European Regional Development Fund (ERDF)

II.2.14. Additional information

II.2. Description

II.2.1. Title

Existent Gum in Aviation Fuel, in conformity with ASTM D381
Lot No: 4

II.2.2. Additional CPV code(s)

38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus

II.2.3. Place of performance

NUTS code: UKE32 Sheffield

Main site or place of performance: Sustainable Aviation Fuels - Innovation Centre, Sheffield Business Park, Europa Avenue, Sheffield, S9 1ZA

II.2.4. Description of the procurement

We are looking for a rapid and reliable test device for quantification of existent gum in aviation fuels, in conformity with ASTM D381 for the Sustainable Aviation Fuel-Innovation Centre (SAF-IC) characterisation lab.

II.2.5. Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

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:
yes

Identification of the project: European Regional Development Fund (ERDF)

II.2.14. Additional information

II.2. Description

II.2.1. Title

Quantification of speed of sound in aviation fuel
Lot No: 5

II.2.2. Additional CPV code(s)

38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus

II.2.3. Place of performance

NUTS code: UKE32 Sheffield

Main site or place of performance: Sustainable Aviation Fuels - Innovation Centre, Sheffield Business Park, Europa Avenue, Sheffield, S9 1ZA

II.2.4. Description of the procurement

We are looking for a rapid and reliable test device for quantification of speed of sound in aviation fuel, for the Sustainable Aviation Fuel-Innovation Centre (SAF-IC) characterisation lab. This is an in direct method to determine the Isentropic Bulk Modulus as function of temperature(ASTM D6793).

II.2.5. Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

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:
yes

Identification of the project: European Regional Development Fund (ERDF)

II.2.14. Additional information

II.2. Description

II.2.1. Title

A Test Device for Flammability Limits of Aviation Fuels, in Conformity with ASTM E681
Lot No: 6

II.2.2. Additional CPV code(s)

38400000 Instruments for checking physical characteristics, 38500000 Checking and testing apparatus

II.2.3. Place of performance

NUTS code: UKE32 Sheffield

Main site or place of performance: Sustainable Aviation Fuels - Innovation Centre, Sheffield Business Park, Europa Avenue, Sheffield, S9 1ZA

II.2.4. Description of the procurement

We are looking for a controlled test device for determining flammability limits of aviation fuels for our Fuel/Innovation Centre (SAF-IC) characterisation lab.

II.2.5. Award criteria

Quality criterion - Name: Quality / Weighting: 70

Price - Weighting: 30

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:
yes

Identification of the project: European Regional Development Fund (ERDF)

II.2.14. Additional information

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Open procedure

IV.1.3. Information about a framework agreement or a dynamic purchasing system

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 in the OJ S: [2022/S 248-715166](#)

IV.2.8. Information about termination of dynamic purchasing system

IV.2.9. Information about termination of call for competition in the form of a prior information notice

Section V: Award of contract

Lot No: 1

Title:

Surface Tension in conformity with ASTM D1331

A contract/lot is awarded: no

V.1. Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section V: Award of contract

Contract No: 2

Lot No: 2

Title:

Electrical conductivity in conformity with ASTM D2624

A contract/lot is awarded: no

V.1. Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section V: Award of contract

Contract No: 3566/JN

Lot No: 3

Title:

Thermal Conductivity in conformity with ASTM D7894

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

20/03/2023

V.2.2. Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

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

Official name: Merrow Scientific Ltd

National registration number: 5012440

Postal address: 2a The Quadrant

Town: Epsom

NUTS code: UKJ2 Surrey, East and West Sussex

Postal code: KT17 4RH

Country: United Kingdom

The contractor is an SME: yes

V.2.4. Information on value of the contract/lot

Initial estimated total value of the contract/lot: 40 000,00 GBP

Total value of the contract/lot: 46 800,00 GBP

V.2.5. Information about subcontracting

Section V: Award of contract

Contract No: 3566/JN

Lot No: 4

Title:

Existent Gum in Aviation Fuel, in conformity with ASTM D381

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

21/03/2023

V.2.2. Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 2

Number of tenders received from tenderers from other EU Member States: 0
Number of tenders received from tenderers from non-EU Member States: 2
Number of tenders received by electronic means: 2
The contract has been awarded to a group of economic operators: no

V.2.3. Name and address of the contractor

Official name: Anton Paar Ltd
National registration number: 1606777
Postal address: Unit F The Courtyard
Town: St Albans
NUTS code: UKH23 Hertfordshire
Postal code: AL4 0LA
Country: United Kingdom
The contractor is an SME: yes

V.2.4. Information on value of the contract/lot

Initial estimated total value of the contract/lot: 12 000,00 GBP
Total value of the contract/lot: 23 384,00 GBP

V.2.5. Information about subcontracting

Section V: Award of contract

Contract No: 3566/JN

Lot No: 5

Title:

Quantification of speed of sound in aviation fuel

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

21/03/2023

V.2.2. Information about tenders

Number of tenders received: 1
Number of tenders received from SMEs: 1
Number of tenders received from tenderers from other EU Member States: 0
Number of tenders received from tenderers from non-EU Member States: 1
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

Official name: Anton Paar Ltd
National registration number: 1606777
Postal address: Unit F The Courtyard
Town: St Albans
NUTS code: UKH23 Hertfordshire
Postal code: AL4 0LA
Country: United Kingdom
The contractor is an SME: no

V.2.4. Information on value of the contract/lot

Initial estimated total value of the contract/lot: 30 000,00 GBP

Total value of the contract/lot: 35 465,00 GBP

V.2.5. Information about subcontracting**Section V: Award of contract**

Contract No: 6

Lot No: 6

Title:

A Test Device for Flammability Limits of Aviation Fuels, in Conformity with ASTM E681

A contract/lot is awarded: no

V.1. Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section VI: Complementary information

VI.3. Additional information**VI.4. Procedures for review****VI.4.1. Review body**

Official name: The University of Sheffield

Postal address: Arts Tower

Town: Sheffield

Postal code: S10 2TN

Country: United Kingdom

E-mail: james.noble@sheffield.ac.uk

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

Official name: The University of Sheffield

Postal address: Arts Tower

Town: Sheffield

Postal code: S10 2TN

Country: United Kingdom

E-mail: james.noble@sheffield.ac.uk

VI.5. Date of dispatch of this notice

04/04/2023