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Planning

Laboratory Gases & Associated Equipment

Southern Universities Purchasing Consortium (SUPC)

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-023224

Procurement identifier (OCID): ocds-h6vhtk-048499

Published 25 July 2024, 1:34pm

Section I: Contracting authority

I.1) Name and addresses

Southern Universities Purchasing Consortium (SUPC)

Reading Enterprise Centre, The University of Reading, Whiteknights Road, Earley Gate

Reading

RG6 6BU

Contact

Taron Smith

Email

supc@reading.ac.uk

Telephone

+44 1183784304

Country

United Kingdom

Region code

UK - United Kingdom

National registration number

111357

Internet address(es)

Main address

<https://www.supc.ac.uk>

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/86623>

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

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

<https://uk.eu-supply.com/ctm/Supplier/Documents/Folder/88616>

Additional information can be obtained from 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

Laboratory Gases & Associated Equipment

Reference number

SUPC LAB4060

II.1.2) Main CPV code

- 24100000 - Gases

II.1.3) Type of contract

Supplies

II.1.4) Short description

Framework Agreement for Laboratory Gases and Associated Equipment to be utilised by members of the UKUPC HE Consortia (APUC, LUPC, NEUPC, NWUPC, HEPCW & SUPC) members and the wider public sector.

II.1.5) Estimated total value

Value excluding VAT: £120,000,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Maximum number of lots that may be awarded to one tenderer: 13

II.2) Description

II.2.1) Title

Compressed Industrial Gases

Lot No

1

II.2.2) Additional CPV code(s)

- 09122200 - Butane gas
- 09122100 - Propane gas
- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air

- 24113200 - Compressed air
- 42131170 - Gas-cylinder outlet valves
- 44612100 - Gas cylinders
- 44612200 - Gas tanks
- 50514100 - Repair and maintenance services of tanks
- 50531200 - Gas appliance maintenance services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various Locations in UK

II.2.4) Description of the procurement

A range of Compressed Industrial Gases to be supplied, in rented cylinders of various sizes and bar pressures covering the range 'small cylinders', 'standard cylinders' and manifold cylinder packs.

i. Industrial Oxygen ($\geq 99.5\%$)

ii. Air

iii. Argon ($\geq 99.998\%$)

iv. Carbon Dioxide ($\geq 99.8\%$)

v. Nitrogen (Oxygen Free) ($\geq 99.998\%$)

vi. Hydrogen (High Purity) ($\geq 99.995\%$)

vii. Acetylene (Dissolved) ($\geq 98.5\%$)

viii. Propane

II.2) Description

II.2.1) Title

Compressed Medical Gases

Lot No

2

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas
- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides

- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air
- 44612100 - Gas cylinders
- 44612200 - Gas tanks

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK

II.2.4) Description of the procurement

A range of Compressed Medical Gases and gas mixtures, to be supplied in rented cylinders of various sizes to those Participating Institutions that are permitted to use medical gases.

II.2) Description

II.2.1) Title

Compressed Research/Special Gases and Gas Mixtures

Lot No

3

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas

- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air
- 50531200 - Gas appliance maintenance services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK

II.2.4) Description of the procurement

A range of Compressed Research/Special Gases and Gas Mixtures (that are not already covered under Lots 1 and 2), to be supplied in rented cylinders of various sizes.

II.2) Description

II.2.1) Title

Solid Carbon Dioxide (CO₂, 'Dry Ice')

Lot No

4

II.2.2) Additional CPV code(s)

- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111500 - Medical gases
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113200 - Compressed air

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK

II.2.4) Description of the procurement

Solid Carbon Dioxide to be supplied in the forms of pellets. A very small quantity in other solid forms including blocks may also be ordered through the agreement.

II.2) Description

II.2.1) Title

Liquid Helium

Lot No

5

II.2.2) Additional CPV code(s)

- 24110000 - Industrial gases
- 24111200 - Rare gases
- 24111300 - Helium
- 24111500 - Medical gases
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides

- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK

II.2.4) Description of the procurement

Liquid Helium to be supplied in both rented cryogenic pressure vessels and in Participating Institutions' own cryogenic pressure vessels of various sizes.

II.2) Description

II.2.1) Title

Liquid Nitrogen and other Cryo Liquids in Small Vessels

Lot No

6

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas
- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen

- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air
- 42130000 - Taps, cocks, valves and similar appliances
- 42131140 - Pressure-reducing, control, check or safety valves
- 42131170 - Gas-cylinder outlet valves
- 44160000 - Pipeline, piping, pipes, casing, tubing and related items
- 44163160 - Distribution pipes and accessories
- 44610000 - Tanks, reservoirs, containers and pressure vessels

- 44611000 - Tanks
- 44611400 - Storage tanks
- 44612100 - Gas cylinders
- 44612200 - Gas tanks
- 50514100 - Repair and maintenance services of tanks
- 50531200 - Gas appliance maintenance services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK.

II.2.4) Description of the procurement

Liquid Nitrogen and to a much lesser extent, liquid Argon, Oxygen and Carbon Dioxide is supplied in both rented cryogenic pressure vessels and in Participating Institution's own cryogenic pressure vessels of various sizes.

II.2) Description

II.2.1) Title

Liquid Nitrogen in Bulk

Lot No

7

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas

- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air
- 42130000 - Taps, cocks, valves and similar appliances
- 42131140 - Pressure-reducing, control, check or safety valves
- 42131170 - Gas-cylinder outlet valves
- 44160000 - Pipeline, piping, pipes, casing, tubing and related items

- 44163160 - Distribution pipes and accessories
- 44610000 - Tanks, reservoirs, containers and pressure vessels
- 44611000 - Tanks
- 44611400 - Storage tanks
- 44612100 - Gas cylinders
- 44612200 - Gas tanks
- 50514100 - Repair and maintenance services of tanks

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK.

II.2.4) Description of the procurement

Liquid Nitrogen to be supplied with a transfer pressure of 1 Bar to specific Participating Institutions in both owned and rented bulk vessels of various sizes.

II.2) Description

II.2.1) Title

Gas Regulators and Handling Equipment

Lot No

8

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas

- 09122200 - Butane gas
- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113200 - Compressed air
- 42130000 - Taps, cocks, valves and similar appliances
- 42131140 - Pressure-reducing, control, check or safety valves
- 42131170 - Gas-cylinder outlet valves
- 44160000 - Pipeline, piping, pipes, casing, tubing and related items

- 44163160 - Distribution pipes and accessories
- 44610000 - Tanks, reservoirs, containers and pressure vessels
- 44611000 - Tanks
- 44611400 - Storage tanks
- 44612100 - Gas cylinders
- 50514100 - Repair and maintenance services of tanks
- 50531200 - Gas appliance maintenance services
- 80000000 - Education and training services
- 80500000 - Training services
- 80510000 - Specialist training services
- 80531000 - Industrial and technical training services
- 80531100 - Industrial training services
- 80531200 - Technical training services
- 80550000 - Safety training services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK

II.2.4) Description of the procurement

A range of equipment for use with gas cylinders, cryogenic pressure vessels etc., to handle and monitor gases (including the service, repair and calibration of these items of equipment where appropriate). Prices are also requested for the inspection and certification of Gas Handling Equipment and for Service, Repair and Calibration services for Gas Handling

Equipment.

II.2) Description

II.2.1) Title

Assorted Fixtures and Fittings including Inspection and Maintenance

Lot No

9

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas
- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide

- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air
- 42130000 - Taps, cocks, valves and similar appliances
- 42131140 - Pressure-reducing, control, check or safety valves
- 42131170 - Gas-cylinder outlet valves
- 44160000 - Pipeline, piping, pipes, casing, tubing and related items
- 44163160 - Distribution pipes and accessories
- 44610000 - Tanks, reservoirs, containers and pressure vessels
- 44611000 - Tanks
- 44611400 - Storage tanks
- 44612100 - Gas cylinders
- 44612200 - Gas tanks
- 50514100 - Repair and maintenance services of tanks
- 50531200 - Gas appliance maintenance services
- 80000000 - Education and training services
- 80500000 - Training services
- 80510000 - Specialist training services
- 80531000 - Industrial and technical training services
- 80531100 - Industrial training services

- 80531200 - Technical training services
- 80550000 - Safety training services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK.

II.2.4) Description of the procurement

A range of assorted fixtures and fittings for use with gas cylinders, cryogenic pressure vessels etc., to handle and distribute gases (including inspection and maintenance where appropriate).

II.2) Description

II.2.1) Title

Dispensing Gases and Associated Systems

Lot No

10

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas
- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases

- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air
- 42130000 - Taps, cocks, valves and similar appliances
- 42131140 - Pressure-reducing, control, check or safety valves
- 42131170 - Gas-cylinder outlet valves
- 44160000 - Pipeline, piping, pipes, casing, tubing and related items
- 44163160 - Distribution pipes and accessories
- 44610000 - Tanks, reservoirs, containers and pressure vessels
- 44611000 - Tanks
- 44611400 - Storage tanks

- 44612100 - Gas cylinders
- 44612200 - Gas tanks
- 50514100 - Repair and maintenance services of tanks
- 50531200 - Gas appliance maintenance services
- 80000000 - Education and training services
- 80500000 - Training services
- 80510000 - Specialist training services
- 80531000 - Industrial and technical training services
- 80531100 - Industrial training services
- 80531200 - Technical training services
- 80550000 - Safety training services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK.

II.2.4) Description of the procurement

To supply a range of bar dispensing gas including but not limited to high purity, food grade Nitrogen, Carbon Dioxide and various mixtures thereof. Gas storage and blending systems maybe required by Participating Institutions and shall be quoted for on request.

II.2) Description

II.2.1) Title

Gas Safety Training Courses

Lot No

11

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas
- 24110000 - Industrial gases
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air

- 50531200 - Gas appliance maintenance services
- 80000000 - Education and training services
- 80500000 - Training services
- 80510000 - Specialist training services
- 80531000 - Industrial and technical training services
- 80531100 - Industrial training services
- 80531200 - Technical training services
- 80550000 - Safety training services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK.

II.2.4) Description of the procurement

To provide a range of Safety Training Courses or Workshops, which cover issues around the safe storage, handling and usage of Gases.

II.2) Description

II.2.1) Title

Manifold Services including annual servicing and maintenance

Lot No

12

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas
- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air
- 42130000 - Taps, cocks, valves and similar appliances
- 42131140 - Pressure-reducing, control, check or safety valves
- 42131170 - Gas-cylinder outlet valves

- 44160000 - Pipeline, piping, pipes, casing, tubing and related items
- 44163160 - Distribution pipes and accessories
- 44610000 - Tanks, reservoirs, containers and pressure vessels
- 44611000 - Tanks
- 44611400 - Storage tanks
- 44612100 - Gas cylinders
- 44612200 - Gas tanks
- 50514100 - Repair and maintenance services of tanks

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK.

II.2.4) Description of the procurement

To provide a range of Manifold Servicing, which include the pipework connected to the manifolds themselves. This would need to be done in accordance to the Pressure Systems Safety Regulations 2000 and with guidance and recommendation from BCGA (specifically code of practice 39).

To provide written schemes of examinations in conjunction with the Member Institution Insurance Inspector or delegated representative. This activity may also be carried out separately to any service.

II.2) Description

II.2.1) Title

Tanks – including annual servicing maintenance (Liquid Nitrogen, Oxygen, Argon)

Lot No

II.2.2) Additional CPV code(s)

- 09122100 - Propane gas
- 09122200 - Butane gas
- 24110000 - Industrial gases
- 24111000 - Hydrogen, argon, rare gases, nitrogen and oxygen
- 24111100 - Argon
- 24111200 - Rare gases
- 24111300 - Helium
- 24111400 - Neon
- 24111500 - Medical gases
- 24111600 - Hydrogen
- 24111700 - Nitrogen
- 24111800 - Liquid nitrogen
- 24111900 - Oxygen
- 24112000 - Inorganic oxygen compounds
- 24112100 - Carbon dioxide
- 24112200 - Nitrogen oxides
- 24112300 - Gaseous inorganic oxygen compounds
- 24113000 - Liquid and compressed air
- 24113100 - Liquid air
- 24113200 - Compressed air

- 42130000 - Taps, cocks, valves and similar appliances
- 42131140 - Pressure-reducing, control, check or safety valves
- 42131170 - Gas-cylinder outlet valves
- 44160000 - Pipeline, piping, pipes, casing, tubing and related items
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- 44611000 - Tanks
- 44611400 - Storage tanks
- 44612100 - Gas cylinders
- 44612200 - Gas tanks
- 50514100 - Repair and maintenance services of tanks
- 50531200 - Gas appliance maintenance services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Various locations across the UK.

II.2.4) Description of the procurement

To provide a range of tanks which hold Liquid Nitrogen, Oxygen or Argon, sizes of which vary from 25L to 500L.

Dewars provided for rental must be serviced by the rental service provider on a periodic basis as recommended under PSSR 2000 and BCGA guidance.

To provide servicing for smaller, Institution owned dewars, as requested.

II.3) Estimated date of publication of contract notice

25 October 2024

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

SUPC anticipate the lotting structure of this re-tendered framework to align to the current version though we reserve the right to change this following stakeholder consultation. We welcome pre-tender engagement from interested parties using the contact details contained within this notice.