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Contract

CAN - Big Glove Box with Safety Disk

National Physical Laboratory

F03: Contract award notice

Notice identifier: 2024/S 000-015409

Procurement identifier (OCID): ocids-h6vhtk-043835

Published 15 May 2024, 11:09am

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Contact

Nina Heath

Email

nina.heath@npl.co.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.npl.co.uk

Buyer's address

www.npl.co.uk

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Scientific Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

CAN - Big Glove Box with Safety Disk

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 National Physical Laboratory (NPL) requirement is for a glovebox dedicated to Lithium-ion cell and electrode fabrication. The purpose is to safely assemble pouch cells and coin cells as well as air sensitive electrode laminates, in an environment that prevents contamination by atmospheric pollutants as well as Oxygen, Nitrogen, and moisture.

The setup needs to be able to work in presence of metallic lithium, and other alkali and alkaline earth metal electrodes. Therefore, Argon must be used to fill the glovebox rather than Nitrogen, and a Nitrogen filter needs to be provided in order to preserve the integrity of the electrodes and internal components of the cells.

The asset must enable the safe production of electrodes and pouch and coin cell assembly on the following requirements:

- 1) The equipment should provide a contained environment spacious enough for small scale electrode and cell fabrication equipment.
- 2) The equipment should be equipped with a disk burst with predetermined breaking points in order to prevent overpressure in the box in case of battery thermal runaway.
- 3) The equipment should be equipped with oxygen, moisture, and nitrogen sensors in order to ensure the quality of the atmosphere.
- 4) The equipment should be equipped with a purging system.
- 5) The equipment should be equipped with a solvent trap.

6) The equipment should be equipped with a Nitrogen filter.

7) The equipment should be equipped with a small side-mounted fridge for the safe storage of small amounts of chemicals.

II.1.6) Information about lots

This contract is divided into lots: No

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

Value excluding VAT: £148,663.74

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Glovebox

Qty: 1

II.2.5) Award criteria

Quality criterion - Name: Technical / Weighting: 80%

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: [2024/S 000-004181](#)

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

The contracting authority will not award any further contracts based on the above prior information notice

Section V. Award of contract

Title

Procurement of Big Glove Box with Safety Disk (8-glove)

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 April 2024

V.2.2) Information about tenders

Number of tenders received: 2

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

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

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

MBraun Inertgas Systeme GmbH

Dieselstrasse 31, Bayern

Garching

D85748

Country

Germany

NUTS code

- DE - Germany

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £148,663.74

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Country

United Kingdom