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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): ocds-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](mailto:nina.heath@npl.co.uk)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.npl.co.uk](http://www.npl.co.uk)

Buyer's address

[www.npl.co.uk](http://www.npl.co.uk)

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Scientific Research

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## **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

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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: [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

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## **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

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## **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