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Contract

CAN - Multi-Channel Test System

National Physical Laboratory

F03: Contract award notice

Notice identifier: 2024/S 000-007661

Procurement identifier (OCID): ocds-h6vhtk-03fc72

Published 11 March 2024, 12:09pm

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 - Multi-Channel Test System

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 the expansion of battery cycling capabilities that allows optimal utilization of available laboratory space. For this, a modular battery cycler equipped with 96 channels and 4 stackable temperature chambers is required. The purpose is to relieve pressure on existing test infrastructure and increase capacity for commercial research and testing (in addition to NMS work) in batteries.

The setup needs to be able to provide the required number of channels and temperature chambers while fitting in the laboratory space available, must meet the minimum voltage and current resolution, and the temperature chambers must be battery rated (for safety requirements) and operated directly from the same software as the cycler for easier data collection and analysis. There must be an accessory that allows connection and control of a frequency-response analyser to perform wide-frequency EIS experiments without disconnecting the cells from the cycler. Additionally, there must be several models of cell holders/cables that allow measurement of a range of cell formats.

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: £251,095

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Manchester, UK

II.2.4) Description of the procurement

1 x Multi-Channel Test System

II.2.5) Award criteria

Quality criterion - Name: Technical / Weighting: 80%

Quality criterion - Name: Commercial / Weighting: 20%

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: [2023/S 000-027108](#)

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

Multi-Channel Test System

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

7 August 2023

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 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

CellCare Technologies Ltd

Unit 2A, Airfield Business Park,

Market Harborough

LE16 7UL

Country

United Kingdom

NUTS code

- UKF - East Midlands (England)

The contractor is an SME

No

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

Total value of the contract/lot: £251,095

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