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Tender

<https://lupc.bravosolution.co.uk/>

National Physical Laboratory

F02: Contract notice

Notice identifier: 2023/S 000-027108

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

Published 13 September 2023, 2:56pm

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

charley.choules@npl.co.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.npl.co.uk

I.3) Communication

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

<https://lupc.bravosolution.co.uk/go/70981783018A043308A4>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://lupc.bravosolution.co.uk>

Tenders or requests to participate must be submitted to the above-mentioned address

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

<https://lupc.bravosolution.co.uk/>

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 cyler 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 cyler 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 cyler. Additionally, there must be several models of cell holders/cables that allow measurement of a range of cell formats.

II.1.5) Estimated total value

Value excluding VAT: £300,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

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 cyler 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.

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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 cyclor. Additionally, there must be several models of cell holders/cables that allow measurement of a range of cell formats.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

12

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

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 III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement documents

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.2.2) Time limit for receipt of tenders or requests to participate

Date

20 October 2023

Local time

3:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.7) Conditions for opening of tenders

Date

20 October 2023

Local time

3:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.4) Procedures for review

VI.4.1) Review body

NPL Management Ltd

Teddington

TW11

Country

United Kingdom