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Contract

Cell Cycling Equipment for UKBIC Flexible Industrialisation Line (FIL)

UK Battery Industrialisation Centre

F03: Contract award notice

Notice identifier: 2023/S 000-009818

Procurement identifier (OCID): ocds-h6vhtk-038d46

Published 4 April 2023, 2:55pm

Section I: Contracting authority

I.1) Name and addresses

UK Battery Industrialisation Centre

Rowley Road, Baginton

Coventry

CV8 3AL

Contact

Miss Procurement Tenders

Email

ProcurementTenders@ukbic.co.uk

Telephone

+44 2475267743

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.ukbic.co.uk/>

Buyer's address

<https://www.ukbic.co.uk/>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research & Development

Section II: Object**II.1) Scope of the procurement****II.1.1) Title**

Cell Cycling Equipment for UKBIC Flexible Industrialisation Line (FIL)

Reference number

DN647637

II.1.2) Main CPV code

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

II.1.3) Type of contract

Supplies

II.1.4) Short description

This is an Award Notice and this opportunity has now closed. Please see Section V (Award of Contract) for further details.

Please see original requirement below:

The UKBIC Flexible Industrialisation Line is designed to allow staged scale-up of electrode manufacture from laboratory scale through to GWh scale on UKBIC's existing high-volume electrode lines. The project will be phased and in the first phase equipment will be purchased to allow scale-up of electrode processes from the Flexible Industrialisation Line to UKBIC's high-volume electrode lines. This will incorporate mixing process compatible with UKBIC's mainline process and coating and drying equipment which will take batches of slurry and convert them onto anode and cathode foils. Subsequent equipment will incorporate next generation electrode manufacturing processes, so solutions covering both scenarios are encouraged.

This new electrode capability will be supplemented by flexible equipment to Calender and slit the electrode reels allowing them to be converted into cells using the main UKBIC cylindrical and pouch cell assembly lines, or other flexible cell manufacturing equipment that may be installed during a later phase.

Phase one of the project also includes the installation of a Cell Cycling Facility for manufacturing conformance testing of cells manufactured at UKBIC.

Cell cycling equipment for manufacturing conformance testing of battery cells made at UKBIC.

This requirement is split into three lots:

Lot 1 – Cell Cyclers

Lot 2 – Temperature Test Chambers

Lot 3 – Cell Fixturing

Suppliers will be able to bid for individual lots, however bids that offer combined solutions

incorporating more than one aspect (lot) of this equipment are encouraged.

Please see Appendix 1 -User requirements specification for the complete requirements.

II.1.6) Information about lots

This contract is divided into lots: Yes

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

Lowest offer: £1,500,000 / Highest offer: £2,000,000 taken into consideration

II.2) Description

II.2.1) Title

Cell Cyclers

Lot No

1

II.2.2) Additional CPV code(s)

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

This is a Contract Award Notice and this opportunity has now closed

Cell Cycling Equipment to perform product conformance testing of UKBIC's cylindrical and pouch cells manufactured on the volume industrialisation lines. Separate cyler systems for cylindrical and pouch cell testing are envisaged.

II.2.5) Award criteria

Quality criterion - Name: Technical / Weighting: 70

Price - Weighting: 30

II.2.11) Information about options

Options: Yes

Description of options

Options were listed in the user requirements specification. The decision on quantity of channels/cyclers was not made until after the tender responses were received, so bidders were required to provide costings for multiple solutions.

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Temperature Test Chambers

Lot No

2

II.2.2) Additional CPV code(s)

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

This is a Contract Award Notice and this opportunity has now closed

Battery temperature test chambers, rated to EUCAR Hazard Level 6, to maintain constant temperature conditions and provide safe containment in the event of cell failures.

The decision on sizes and quantities of chambers will not be made until after the tender responses have been received, so bidders are required to provide costings for multiple solutions.

II.2.5) Award criteria

Quality criterion - Name: Technical / Weighting: 70

Price - Weighting: 30

II.2.11) Information about options

Options: Yes

Description of options

This is a Contract Award Notice and this opportunity has now closed

Options were listed in the user requirements specification. The decision on sizes and quantities of chambers were not made until after the tender responses were received, so bidders were required to provide costings for multiple solutions.

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Cell Fixturing

Lot No

3

II.2.2) Additional CPV code(s)

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

This is a Contract Award Notice and this opportunity has now closed

Cell fixturing and racking systems for industry standard 21700 cylindrical cells and UKBIC 300 x 100 x 4-12 pouch cells, so that users can easily and safely load/unload cells for testing.

The decision on the quantity of each fixture type will not be made until after the tender responses have been received, so bidders are required to provide costings for multiple solutions.

II.2.5) Award criteria

Quality criterion - Name: Technical / Weighting: 70

Price - Weighting: 30

II.2.11) Information about options

Options: Yes

Description of options

This is a Contract Award Notice and this opportunity has now closed

The decision on the quantity of each fixture type was not made until after the tender responses were received, so bidders were required to provide costings for multiple solutions.

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: [2022/S 000-035323](#)

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

Contract No

2022/S 000-035323

Lot No

1

Title

Cell Cyclers

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

28 March 2023

V.2.2) Information about tenders

Number of tenders received: 8

Number of tenders received by electronic means: 8

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Maccor Inc

4322 S 49th West Avenue

Tulsa Oklahoma

74107

Country

United States

NUTS code

- US - United States

The contractor is an SME

No

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

Total value of the contract/lot: 1,164,793 USD

Section V. Award of contract

Contract No

2022/S 000-035323

Lot No

2

Title

Temperature Test Chambers

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

28 March 2023

V.2.2) Information about tenders

Number of tenders received: 7

Number of tenders received by electronic means: 7

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Binder GmbH

Im Mittleren Osch 5

Tuttlingen

78532

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: £483,399.97

Section V. Award of contract

Contract No

2022/S 000-035323

Lot No

3

Title

Cell Fixturing

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

28 March 2023

V.2.2) Information about tenders

Number of tenders received: 8

Number of tenders received by electronic means: 8

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Voltavision GmbH

Lise-Meitner-Allee 19

Bochum

44801

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: 372,774 EUR

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Royal Courts of Justice

London

WC24 2LL

Country

United Kingdom