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Tender

Continuous Mixing Equipment for UKBIC Flexible Industrialisation Line (FIL)

UK Battery Industrialisation Centre

F02: Contract notice

Notice identifier: 2022/S 000-035817

Procurement identifier (OCID): ocids-h6vhtk-03925c

Published 19 December 2022, 11:49am

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.3) Communication

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

<https://procontract.due-north.com/Advert?advertId=af55feee-917f-ed11-811c-005056b64545>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://procontract.due-north.com/Advert?advertId=af55feee-917f-ed11-811c-005056b64545>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research and Development

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Continuous Mixing Equipment for UKBIC Flexible Industrialisation Line (FIL)

Reference number

DN648462

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

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.

Continuous Mixing Equipment is required to allow UKBIC to produce Anode and Cathode slurries for use on its in-house Coating Processes. The Mixing equipment will be installed in a new internal Clean Room facility to UKBIC.

UKBIC currently have Mixing equipment in its Volume Industrialisation Line allowing for a segregated Mixing of Anode and Cathode material, however the size of the equipment is designed for Electrode Material at high levels of maturity and/or at mass production scale. UKBIC is looking to install smaller equipment to support customers at a lower maturity

level and allow for a wider range of chemistries. A flexible and modular solution is required to enable UKBIC to be less restricted in its Process Equipment offering and for a more Research and Development focused approach to Mixing albeit on a scale larger than lab-based systems.

The Mixing equipment will be installed in a new internal Clean Room facility to UKBIC and should allow for futureproofing with the known assumption of battery industry evolution and changes.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 42000000 - Industrial machinery

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Continuous Mixing Equipment is required to allow UKBIC to produce Anode and Cathode slurries for use on its in-house Coating Processes. The Mixing equipment will be installed in a new internal Clean Room facility to UKBIC.

UKBIC currently have Mixing equipment in its Volume Industrialisation Line allowing for a segregated Mixing of Anode and Cathode material, however the size of the equipment is designed for Electrode Material at high levels of maturity and/or at mass production scale. UKBIC is looking to install smaller equipment to support customers at a lower maturity level and allow for a wider range of chemistries. A flexible and modular solution is required to enable UKBIC to be less restricted in its Process Equipment offering and for a more Research and Development focused approach to Mixing albeit on a scale larger than lab-based systems.

The Mixing equipment will be installed in a new internal Clean Room facility to UKBIC and should allow for futureproofing with the known assumption of battery industry evolution and changes.

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

24

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 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

3 February 2023

Local time

12:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

3 February 2023

Local time

12:00pm

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

Royal Courts of Justice

London

WC2A 2LL

Country

United Kingdom