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Tender

Calendering Equipment for UKBIC Flexible Industrialisation Line (FIL)

UK Battery Industrialisation Centre

F02: Contract notice

Notice identifier: 2022/S 000-035408

Procurement identifier (OCID): ocds-h6vhtk-038d7e

Published 14 December 2022, 2:53pm

Section I: Contracting authority

I.1) Name and addresses

UK Battery Industrialisation Centre

Rowley Road, Baginton

Coventry

CV8 3AL

Contact

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=2b35719f-bb7b-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=2b35719f-bb7b-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

Calendering Equipment for UKBIC Flexible Industrialisation Line (FIL)

Reference number

DN647762

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. Calendering Equipment is specifically required to allow UKBIC to process Anode and Cathode electrodes from its own in-house Coating processes or from third party material produced external to UKBIC.

UKBIC currently has Calendering equipment in its Volume Industrialisation Line allowing for segregated Calendering of Anode and Cathode material however the size of the equipment is desired for Electrode Material at high levels of maturity and/or on a mass production scale. As a result, UKBIC is looking to install smaller equipment for customers at lower maturity level and allow for added flexibility and modularity as such that new/missing technologies from UKBICs Volume Industrialisation line can be used and

proven.

The Calendering 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)

- 42000000 - Industrial machinery
- 42932000 - Calendering machines

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

UKBIC currently has Calendering equipment in its Volume Industrialisation Line allowing for segregated Calendering of Anode and Cathode material however the size of the equipment is desired for Electrode Material at high levels of maturity and/or on a mass production scale. As a result, UKBIC is looking to install smaller equipment for customers at lower maturity level and allow for added flexibility and modularity as such that new/missing technologies from UKBICs Volume Industrialisation line can be used and proven.

The Calendering 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: No

IV.2) Administrative information

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

Date

1 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

1 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