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Tender

## **Coating and Drying Equipment for UKBIC Flexible Industrialisation Line (FIL)**

UK Battery Industrialisation Centre

F02: Contract notice

Notice identifier: 2022/S 000-035777

Procurement identifier (OCID): ocds-h6vhtk-03923d

Published 19 December 2022, 9:33am

### **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](mailto: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=b531a65a-7f7f-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=b531a65a-7f7f-ed11-811c-005056b64545>

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Research and Development

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Coating and Drying Equipment for UKBIC Flexible Industrialisation Line (FIL)

Reference number

DN648472

#### **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.

Coating and Drying Equipment is required to allow UKBIC to produce Anode and Cathode electrodes for use on its in-house cell assembly lines. The Coating & Drying equipment will be installed in a new internal Clean Room facility to UKBIC.

UKBIC currently have Coating and Drying equipment in its Volume Industrialisation Line allowing for a segregated Coating of Anode and Cathode slurries, 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 Coating & Drying albeit on a scale larger than lab-based systems.

Further to the general equipment requirement it necessary to offer a solvent/abatement system internal/external to the UKBIC facility to allow for safe solvent emission control and management from the drying process.

### **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

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Coating and Drying Equipment is required to allow UKBIC to produce Anode and Cathode electrodes for use on its in-house cell assembly lines. The Coating & Drying equipment will be installed in a new internal Clean Room facility to UKBIC.

UKBIC currently have Coating and Drying equipment in its Volume Industrialisation Line allowing for a segregated Coating of Anode and Cathode slurries, 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 Coating & Drying albeit on a scale larger than lab-based systems.

### **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