Contract

# UKRI-2128 - Evaluation of UK Battery Infrastructure to Support Rapid Scale up of Battery Material and Cell Technologies

UK Research and Innovation

F03: Contract award notice
Notice identifier: 2022/S 000-024267
Procurement identifier (OCID): ocds-h6vhtk-03461e
Published 31 August 2022, 12:05pm

## Section I: Contracting authority

### I.1) Name and addresses

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

**Email**

corporateprocurement@ukri.org

**Telephone**

+44 1793867000

**Country**

United Kingdom

**Region code**

UKK14 - Swindon

**Internet address(es)**

Main address

www.ukri.org

## I.4) Type of the contracting authority

Body governed by public law

## I.5) Main activity

Other activity

Research and Innovation

# Section II: Object

## II.1) Scope of the procurement

### II.1.1) Title

UKRI-2128 - Evaluation of UK Battery Infrastructure to Support Rapid Scale up of Battery Material and Cell Technologies

Reference number

UKRI-2128

### II.1.2) Main CPV code

- 79419000 - Evaluation consultancy services

### II.1.3) Type of contract

Services

### II.1.4) Short description

The UK Research and Innovation (UKRI) Faraday Battery Challenge (FBC) is a Government initiative that is enabling the decarbonisation of the UK's transport sector whilst ensuring that the UK prospers from this transition. Established in 2017, the FBC has been designed to create an effective research, innovation and scale-up ecosystem that can deploy advancements in battery technology and secure a battery manufacturing base in the UK. This is being delivered through its three pillars: the Faraday Institution (FI), Innovate UK and the UK Battery Industrialisation Centre (UKBIC).

The budget for this requirement is up to between £150,000 and £200,000 ex VAT, The duration of the contract is four months and the final study is required by December.

### II.1.6) Information about lots

This contract is divided into lots: No

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

Value excluding VAT: £175,263

## II.2) Description

### II.2.3) Place of performance

NUTS codes

- UKK14 - Swindon

Main site or place of performance

Swindon

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

The UK Research and Innovation (UKRI) Faraday Battery Challenge (FBC) is a Government initiative that is enabling the decarbonisation of the UK's transport sector whilst ensuring that the UK prospers from this transition. Established in 2017, the FBC has been designed to create an effective research, innovation and scale-up ecosystem that can deploy advancements in battery technology and secure a battery manufacturing base in the UK. This is being delivered through its three pillars: the Faraday Institution (FI), Innovate UK and the UK Battery Industrialisation Centre (UKBIC).

This evaluation will assess the existing UK battery infrastructure available to UK PLC in the development of battery materials and cells, including academic institutions, private organisations offering contract services and open-access facilities. The existing available infrastructure will be assessed against current and likely future candidates for research/commercialisation in both battery materials and cell technologies to assess where there are gaps in support for companies progressing from lab ? pre-pilot ? pilot ? gigascale. The technologies to be assed have already been defined by an earlier study.

Different scenarios will be developed for a government funded open-access facility which addresses materials scale up, cell-level scale up, and/or both to meet the gaps identified, and maximise cost benefit to the UK.

The different scenarios will be evaluated to understand likely workflows for different technologies over a 5-15 year time horizon to understand how such facilities could be used and to further evaluate the cost-benefit of building infrastructure to support certain technologies at certain scales. As a secondary point, use by organisations outside of the UK and the global importance of such a facility in attracting foreign direct investment into the UK should be considered.

The outputs of this report may be used as guidance for the formation of the scope and evaluation of bids on infrastructure to be built as part of the next phase of the Faraday Battery Challenge.

The main aims of the tender exercise are to produce a report to:

•Identify if there is a gap in UK scale up support that could be serviced by a battery,

materials and/or cell scale up facility

•Clearly define any gap in terms of technology, scale, equipment and facility requirements, in addition to type and quantity of work predicted over a 5-15 year timescale

•Determine whether single or multiple facilities would be best placed to fill this gap through a series of scenarios

•Understand the cost-risk profile of supporting scale up of specific technologies

•Understand the limitations and challenges of building such a facility

•Understand if a facility that meets the needs of the UK could be of international importance, potentially attract foreign direct investment into the UK, and de-risk investments into supporting specific technologies

**II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 90

Cost criterion - Name: Price / Weighting: 10

**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

**II.2.14) Additional information**

To respond to this opportunity please click here: https://ukri.delta-esourcing.com/respond/5TRBR2H646

## 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 000-016249

## Section V. Award of contract

A contract/lot is awarded: Yes

### V.2) Award of contract

#### V.2.1) Date of conclusion of the contract

25 August 2022

#### V.2.2) Information about tenders

Number of tenders received: 3

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

#### V.2.3) Name and address of the contractor

E4tech (UK) Ltd

2nd Floor, Exchequer Court, 33 St Mary Axe

London

Country

United Kingdom

NUTS code

- UKI - London

National registration number

04142898

The contractor is an SME

No

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

Initial estimated total value of the contract/lot: £200,000

Total value of the contract/lot: £175,263

# Section VI. Complementary information

## VI.3) Additional information

Procurement Contract Transparency Data: Redacted contract documents will be made available within the next 30 days on the UKRI website at: https://www.ukri.org/about-us/procurement-contract-transparency-data/

To view this notice, please click here:

https://ukri.delta-esourcing.com/delta/viewNotice.html?noticeId=717602164

GO Reference: GO-2022831-PRO-20880176

## VI.4) Procedures for review

### VI.4.1) Review body

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Country

United Kingdom