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Tender

## **Digital Manufacturing**

UK Battery Industrialisation Centre

F02: Contract notice

Notice identifier: 2023/S 000-033232

Procurement identifier (OCID): ocds-h6vhtk-041736

Published 9 November 2023, 5:28pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

UK Battery Industrialisation Centre

Rowley Road, Baginton

Coventry

CV8 3AL

#### **Email**

[ProcurementTenders@ukbic.co.uk](mailto:ProcurementTenders@ukbic.co.uk)

#### **Country**

United Kingdom

#### **Region code**

UKG - West Midlands (England)

#### **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=235d6bc6-1d7f-ee11-8125-005056b64545&fromProjectDashboard=True>

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=235d6bc6-1d7f-ee11-8125-005056b64545&fromProjectDashboard=True>

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

Other type

Compliance with grant funding agreement

### **I.5) Main activity**

Other activity

Research & Development

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## **Section II: Object**

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

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

Digital Manufacturing

Reference number

DN698638

#### **II.1.2) Main CPV code**

- 72000000 - IT services: consulting, software development, Internet and support

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

Our organisation is embarking on a comprehensive transformation of our manufacturing processes and data management capabilities. As part of this process, we want to appoint a supplier than can provide a comprehensive solution for the following tasks:

We are looking to replace our current MES system. Due to the nature of the type of work that we do at UKBIC and the differing levels of product maturity it is vital that we can give our customers as much information as possible about their products movement whilst in our facility.

This Project is split into 3 LOTS

LOT 1

- a. Replacement of our existing Manufacturing Execution System (MES)
- b. Implementation of a Process Historian
- c. Integration of an ETL layer
- d. Development of a robust Data Analysis/Visualization package

LOT 2

a. Deployment of a Laboratory Information Management System (LIMS)

LOT 3

a. Discrete Event Simulation.

b. Finite Element Analysis.

c. Discrete Element Modelling.

d. Computational Fluid Dynamics in particular Finite Volume Method.

#### **II.1.5) Estimated total value**

Value excluding VAT: £4,000,000

#### **II.1.6) Information about lots**

This contract is divided into lots: Yes

Tenders may be submitted for all lots

### **II.2) Description**

#### **II.2.1) Title**

New and expandable MES system to accommodate Legacy and New Projects

Lot No

1

#### **II.2.2) Additional CPV code(s)**

- 72200000 - Software programming and consultancy services
- 72300000 - Data services
- 72600000 - Computer support and consultancy services

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

NUTS codes

- UKG - West Midlands (England)

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

Our organisation is embarking on a comprehensive transformation of our manufacturing processes and data management capabilities. As part of this process, we want to appoint a supplier than can provide a comprehensive solution for the following tasks:

We are looking to replace our current MES system. Due to the nature of the type of work that we do at UKBIC and the differing levels of product maturity it is vital that we can give our customers as much information as possible about their products movement whilst in our facility.

This Project is split into 3 LOTS

LOT 1

- a. Replacement of our existing Manufacturing Execution System (MES)
- b. Implementation of a Process Historian
- c. Integration of an ETL layer
- d. Development of a robust Data Analysis/Visualization package

#### **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

48

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

## **II.2) Description**

### **II.2.1) Title**

Deployment of a Laboratory Information Management System (LIMS)

Lot No

2

### **II.2.2) Additional CPV code(s)**

- 72300000 - Data services

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

NUTS codes

- UKG - West Midlands (England)

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

LOT 2

a. Deployment of a Laboratory Information Management System (LIMS)

UKBIC require a system able to collect data from various line measurement systems and offline laboratory analysis and loaded in a structured manager to a data portal.

### **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

48

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

### **II.2) Description**

#### **II.2.1) Title**

Simulation and Data Analytics

Lot No

3

#### **II.2.2) Additional CPV code(s)**

- 72300000 - Data services

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

NUTS codes

- UKG - West Midlands (England)

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

LOT 3

- a. Discrete Event Simulation.
- b. Finite Element Analysis.
- c. Discrete Element Modelling.

d. Computational Fluid Dynamics in particular Finite Volume Method.

#### **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

48

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



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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Restricted 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

11 December 2023

Local time

12:00pm

#### **IV.2.3) Estimated date of dispatch of invitations to tender or to participate to selected candidates**

3 January 2024

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

English

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## **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