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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

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

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

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

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