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Planning

Flexibility Innovation Programme: Laboratory testing and demonstration of interoperable DSR applications in settings indicative of the real world

The Department for Business, Energy and Industrial Strategy (BEIS)

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-029943

Procurement identifier (OCID): ocds-h6vhtk-02fc6d

Published 2 December 2021, 12:15pm

Section I: Contracting authority

I.1) Name and addresses

The Department for Business, Energy and Industrial Strategy (BEIS)

1 Victoria Street

London

SW1H 0ET

Email

flexibilityinnovation@beis.gov.uk

Telephone

+44 2072152967

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://www.delta-esourcing.com>

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Flexibility Innovation Programme: Laboratory testing and demonstration of interoperable DSR applications in settings indicative of the real world

Reference number

5532/12/2021

II.1.2) Main CPV code

- 73000000 - Research and development services and related consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

This contract is for the provision of independent laboratory testing and demonstration for demand side response (DSR) systems, in settings indicative of the real world . It is anticipated this contract will support proposed activity under the Flexibility Innovation Programme, focusing on interoperable DSR. BEIS requires provision of technical expertise, facilities, and services in the following areas:

- Design and development of a conformance testing scheme for PAS 1878
- Design and development of performance testing schemes for PAS 1878 and the GB smart metering system in accordance with the SAPC specification
- Laboratory testing of DSR systems
- Design and demonstration of DSR systems to test functionality in settings and scenarios indicative of the real world.

DSR systems to be tested include energy smart appliances, (e.g. heat pumps, EV charge points, batteries and white goods), DSR service providers and the supporting systems for operation in low-voltage premises.

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

Maximum number of lots that may be awarded to one tenderer: 2

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

Lots 1 and 2

II.2) Description

II.2.1) Title

Lot 1: Design and delivery of laboratory testing, including the design of conformance testing and performance testing schemes.

Lot No

1

II.2.2) Additional CPV code(s)

- 73300000 - Design and execution of research and development
- 73200000 - Research and development consultancy services
- 65300000 - Electricity distribution and related services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

II.2.4) Description of the procurement

The Department expects to run an open competition for this via the Delta e-sourcing system in early 2022. This competition will also be advertised on the Find a Tender portal. A virtual market information event will be held at 13:00-15:00 on 14 December 2021 via a Microsoft Teams Live Event. Draft sections of the ITT may be shared with those registered for the event. Please register to attend the event by emailing flexibilityinnovation@beis.gov.uk by 11:00 on 13 December 2021.

II.2.14) Additional information

Bidders can apply for either or both lots. If two different suppliers/consortia are successful in bidding for either lot they are expected to work closely together to ensure coordination between the laboratory testing and demonstrations in real world settings. Successful suppliers would be required to enter a collaboration agreement to ensure collaborative working arrangement between Lot 1&Lot 2.

II.2) Description

II.2.1) Title

Lot 2: Design and delivery of demonstration of DSR systems in settings indicative of the real world.

Lot No

2

II.2.2) Additional CPV code(s)

- 73300000 - Design and execution of research and development
- 65300000 - Electricity distribution and related services
- 73200000 - Research and development consultancy services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

II.2.4) Description of the procurement

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II.3) Estimated date of publication of contract notice

10 January 2022

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

Further information on the Flexibility Innovation programme is available from this webpage: <https://www.gov.uk/government/publications/flexibility-innovation>

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=647743791>

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