

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/029943-2021>

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](mailto: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](mailto: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**

The Department expects to run an open competition for this on the 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](mailto: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.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>

GO Reference: GO-2021122-PRO-19327906