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Tender

## **LV Voltage Control devices: Request for Information (Project SILVERSMITH)**

WESTERN POWER DISTRIBUTION PLC

F04: Periodic indicative notice – utilities

Call for competition

Notice identifier: 2022/S 000-019337

Procurement identifier (OCID): ocds-h6vhtk-035231

Published 14 July 2022, 6:41pm

### **Section I: Contracting entity**

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

WESTERN POWER DISTRIBUTION PLC

Avonbank,Feeder Road

BRISTOL

BS20TB

#### **Contact**

Rachel Drake

#### **Email**

[wpdsilversmith@westernpower.co.uk](mailto:wpdsilversmith@westernpower.co.uk)

#### **Telephone**

+44 1179332383

**Country**

United Kingdom

**NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://www.westernpower.co.uk/innovation>

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://rfxxp.westernpower.co.uk/ECE/Pages/RFXDetails.aspx?RFxId=11804>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://rfxxp.westernpower.co.uk/ECE/Pages/RFXDetails.aspx?RFxId=11804>

**I.6) Main activity**

Electricity

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**Section II: Object**

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

**II.1.1) Title**

LV Voltage Control devices: Request for Information (Project SILVERSMITH)

Reference number

304369

**II.1.2) Main CPV code**

- 65300000 - Electricity distribution and related services

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

Services

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

SILVERSMITH (Solving Intelligent LV - Evaluating Responsive Smart Management to Increase Total Headroom) is a 10 month NIA project investigating the future challenges and opportunities for our LV network. It aims to identify the scale and demographic of thermal, voltage, and power quality based compliance issues due to the proliferation of Low Carbon Technologies (LCTs), and Distributed Generation (DG) being connected to our Low Voltage (LV) network. We will explore new and upcoming devices and strategies to address these issues.

In partnership with EA Technology Ltd, we are conducting a network evaluation study to model our LV network considering the projected uptake of new LCTs and DG. This will provide us with insights into the types of issues we are most likely to experience in the future, and enable us to work closely with suppliers to ensure the future reinforcement or upgrade requirements can be achieved at the lowest cost at this pre-adoption stage.

What are we hoping to achieve?

Whilst we already have several tried and tested means to address compliance issues, engagement with suppliers such as yourself has suggested that we should be considering all approaches going forwards. Through a literature review of past innovation projects and peer-reviewed academia, along with this Request for Information (RfI), we want to capture the state-of-the-art LV Voltage Control devices. Pairing this with our network study and an understanding of the functional requirements we will need, SILVERSMITH will create a methodology for us and other DNOs to follow when making procurement and investment decisions on their LV networks.

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

Value excluding VAT: £0.01

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

This contract is divided into lots: No

## **II.2) Description**

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

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

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

NUTS codes

- UK - United Kingdom

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

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## **Section IV. Procedure**

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

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

Negotiated procedure with prior call for competition

#### **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 the receipt of applications for an invitation to tender or to negotiate**

Date

15 August 2022

Local time

12:00pm

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

English

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

High Court of England & Wales

London

Country

United Kingdom