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Tender

NGET Call For Innovation - Innovative Substation Auxiliary Load Solutions

NATIONAL GRID ELECTRICITY TRANSMISSION PLC

F05: Contract notice – utilities

Notice identifier: 2022/S 000-006810

Procurement identifier (OCID): ocids-h6vhtk-032134

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Section I: Contracting entity

I.1) Name and addresses

NATIONAL GRID ELECTRICITY TRANSMISSION PLC

1 - 3 Strand

LONDON

WC2N5EH

Contact

Lewis Gardner

Email

lewis.gardner@nationalgrid.com

Telephone

+44 7971241483

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://www.nationalgrid.com/electricity-transmission/innovation>

I.3) Communication

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

<https://www.nationalgrid.com/gas-transmission/innovation/how-to-work-with-us>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.nationalgrid.com/gas-transmission/innovation/how-to-work-with-us>

I.6) Main activity

Electricity

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

NGET Call For Innovation - Innovative Substation Auxiliary Load Solutions

Reference number

CFI-001

II.1.2) Main CPV code

- 51112200 - Installation services of electricity control equipment

II.1.3) Type of contract

Services

II.1.4) Short description

The Call for Innovation (CFI) is an approach to the market to see what products and services are available in the industry with funding coming from Ofgem's Network Innovation Allowance.

A CFI is not a formal competitive tender process but is an approach to the market with a specific problem statement or topic of interest that National Grid would like to hear ideas about from the marketplace.

All information received will be used to consider whether we want to engage with a specific supplier or whether we believe a competitive tender approach is required. Essentially this CFI will inform or dictate our procurement strategy.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

To tackle climate change by reducing emissions and enhance the reliability and resilience of backup power systems, NGET, is seeking to establish a new commercial approach with a 3rd party supplier, to trial new backup power systems or combined standby and generation assets that are low carbon alternatives to the traditional battery and diesel assets that are used across its substations.

NGET's substations need both AC and DC power for the safe reliable operation of the network including protection, control, critical plant and equipment such as transformers, reactors, and switchgear. Traditionally, incoming AC supplies are derived from a DNO (via distribution transformers) and DC power from substation batteries (VRLA, Planté and some Ni-Cad). In addition, backup diesel generators (gensets) provide standby AC power in the event of a loss of supply event.

The purpose of this CFI is to help National Grid identify:

1. Products

- a. New technologies capable of providing in the region of 300 - 500kVA low emission backup power to a substation for a minimum of 72 hours with no external supply; and/or,
- b. Novel technology capable of delivering energy solutions that can meet all or part of the substation load demand (AC/DC) during normal and standby operations (as a priority) combined with commercial generation (MW) that can synchronise to the GB electricity network*.

2. Services

- a. Service offerings related to the provision of power during a loss of supply event.

This CFI will inform NGET's approach to obtaining the required resource / improve NGET's knowledge of the backup power and generation market.

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

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: Yes

II.2.11) Information about options

Options: Yes

Description of options

NGET will have the option to extend the term of any agreement.

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: No

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

14 April 2022

Local time

5:00pm

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

National Grid Electricity Transmission Plc

Warwick

Country

United Kingdom