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Award

Purchase of Low Voltage Pre-Fault Monitors and Related Services

Northern Powergrid

F15: Voluntary ex ante transparency notice

Notice identifier: 2021/S 000-027273

Procurement identifier (OCID): ocds-h6vhtk-02f1f7

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Section I: Contracting authority/entity

I.1) Name and addresses

Northern Powergrid

Lloyds Court 78 Grey Street

Newcastle Upon Tyne

NE1 6AF

Contact

James Bell

Email

james.bell@northernpowergrid.com

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<http://www.northernpowergrid.com>

I.6) Main activity

Electricity

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Purchase of Low Voltage Pre-Fault Monitors and Related Services

II.1.2) Main CPV code

- 38431300 - Fault detectors

II.1.3) Type of contract

Supplies

II.1.4) Short description

Purchase of 6000 Low Voltage Pre-Fault Monitors and Related Services

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

Northern Powergrid intends to purchase 6000 low voltage (LV) pre-fault monitors and up to three years' service from EA Technology Limited.

The primary use of the LV pre-fault monitor is for the low-cost detection of pre-faults on the LV network before a loss of supply event occurs.

The monitor is required to provide the below functionality:

- An indication to where proactive interventions to improve LV network performance would provide most benefit.
- Fault location information to support a proactive 'find and fix before fail' approach.

- A means of determining the relative condition / health of underground LV network assets
- Indicate likelihood of future LV circuit fault and predicted approximate time to failure in the range of a few months to greater than 2 years.
- Suitable for internal or external mounting at a Distribution Substation and able to monitor up to 8 LV circuits simultaneously.
- Utilise a preinstalled 4G SIM card to communicate data back to the cloud and provide time sequenced data, plus events as they happen.
- Support the option of receiving data directly from the unit or directly to a 3rd party data storage and analytics provider.

An online portal is required as part of the service and will provide remote access to the captured and calculated measurements. It will also provide instant visibility of network issues in a geographical model, allowing a user to drill into more detail as needed.

The first delivery of monitors is required by May 2022 and the remaining deliveries will be phased until completion no later than January 2023.

Northern Powergrid is operating within strict budget and timescale constraints for the delivery of the requirement. Our market analysis has identified no other suitable product and service combination currently available on the market which is within a reasonable margin of available budget, nor any which could be delivered within the required timescales.

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

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

Northern Powergrid is operating within strict budget and timescale constraints for the delivery of the requirement. Our market analysis has identified no other suitable product and service combination currently available on the market which is within a reasonable margin of available budget, nor any which could be delivered within the required timescales.

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

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract/concession

A contract/lot is awarded: Yes

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract

29 October 2021

V.2.5) Information about subcontracting

The contract/lot/concession is likely to be subcontracted

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Northern Powergrid Internal Audit

Lloyds Court, 78 Grey Street

Newcastle upon Tyne

Country

United Kingdom