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Planning

European Wholesale Energy Data Platform

NATIONAL GRID ELECTRICITY SYSTEM OPERATOR

F04: Periodic indicative notice – utilities

Periodic indicative notice only

Notice identifier: 2024/S 000-029895

Procurement identifier (OCID): ocds-h6vhtk-049bfb

Published 18 September 2024, 4:05pm

Section I: Contracting entity

I.1) Name and addresses

NATIONAL GRID ELECTRICITY SYSTEM OPERATOR

1-3 Strand

London

WC2N5EH

Contact

Stephen Birch

Email

steve.birch@nationalgrideso.com

Country

United Kingdom

Region code

UK - United Kingdom

Justification for not providing organisation identifier

Not on any register

Internet address(es)

Main address

www.nationalgrid.com

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.6) Main activity

Other activity

Electricity Systems Operator

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

European Wholesale Energy Data Platform

II.1.2) Main CPV code

- 48000000 - Software package and information systems

II.1.3) Type of contract

Supplies

II.1.4) Short description

National Grid Electricity System Operator (NGESO), a legally separate business within the National Grid Group, is the electricity system operator for Great Britain. The NGESO moves electricity around the system to keep homes and businesses supplied with the energy they need 24/7.

National Grid Electricity System Operator (NGESO) became a legally separate business from the wider National Grid Electricity Transmission (NG) in 2019. NGESO is on a journey to become National Energy System Operator (NESO), a separate legal entity under UK government ownership during Summer 2024. Where in this notice we refer to NESO, this should be understood as also including NGESO before the change is taken place.

As of July 2024, National Energy System Operator (NESO) will no longer be a part of the National Grid group, resulting in the need to separate what are currently shared processes and functions.

As part of the separation from National Grid Group and transformation into NESO under UK Government ownership,

Multiple analytics teams within NESO require access to wider market data about both European and GB wholesale energy market information. Access to third party and independent balancing analytics is essential for the functioning of our forecasting, trading and post event review capabilities. Therefore, NESO require an online platform with application programming interface (API) and an easy-to-use online user interface to maintain existing capabilities. This includes a requirement for the platform to have licenses for access to non-public energy market data and license to use the datasets as part of wider market

publications.

NESO require a platform that the platform:

High availability (95% or more up-time)

High data accuracy standard and access to support where errors are identified

High standard of documentation of available datasets

Access to all requested datasets through one platform

Unlimited requests (reasonable frequency restrictions can apply) to APIs

Optionality to procure further licenses on a call off arrangement.

II.1.5) Estimated total value

Value excluding VAT: £680,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 65000000 - Public utilities

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

NESO require a platform that fulfils the following objectives and gives access to required datasets.

As far as possible it is expected that this will be a standard product offering with data requirements aligned to those of other energy market participants to support robustness of

the solution and prevent the costs of a custom-built solution.

Technical capabilities

A high availability (95% or more up-time);

Unlimited requests (reasonable frequency restrictions can apply) to APIs;

Easy to use online user interface;

High standard of documentation of available dataset;

Provides for 30 users across NESO with optionality to procure further licenses using a call off arrangement and flexibility to change account logins within this total 'seats' contract.

Data Requirements.

High standard of documentation of available datasets;

High data accuracy standard and access to support where errors are identified;

The data platform will provide access to:

DA prices UK (EPEX and N2X) and across EU after the DA auctions and spread analysis.

UK power and gas forward close prices.

Carbon market prices (GB and IEM).

Within Day prices EPEX and N2X.

DA intraday price forecasts.

Interconnector flows and capacities, forecast and actual.

Generation dispatch forecasts

Solar and Wind forecasts.

Demand Out-turn and forecasts.

In depth country analysis/information for all Internal Energy Market participants including DA prices, Intraday prices and balancing prices.

BM summary information including: Accepted Actions; Net Imbalance Volumes/Price forecasts and outturns; BM Bid/Offer Stack; Extended period Unit Running Profiles; Frequency history; Generation Availability data (2-14 day); Ancillary service market consolidated information.

Contract duration

Flexible, agile contract that can be scaled-up or down based on business requirements.

Compliance with the Utilities Contracts Regulations 2016

3 year contract with option to extend on a year on year basis up to a maximum of 5 years before re-tendering

Tender Requirements

Must be able to offer a trial period for user testing of the product offering within the RFP process prior to award.

All suppliers wishing to participate in the tender process must register with Achilles via the UVDB code for the event:

1.5.8.18 - Software - Energy Trading System.

II.3) Estimated date of publication of contract notice

30 April 2025

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: No

IV.2) Administrative information

IV.2.2) Time limit for receipt of expressions of interest

Date

17 October 2024

Local time

12:00pm

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

English

Section VI. Complementary information

VI.3) Additional information

This PIN is not a call for competition. NESO is not obliged to respond to any correspondence related to this notice. Direct or indirect canvassing of NESO (or any person connected with it) by any person concerning this notice, or any attempt to procure information outside of the defined process is discouraged and may (in certain circumstances) require the disqualification of the relevant person(s) from participation in any future competitive procurement process.

All information provided by NESO in this PIN is at an early stage of development, is not intended by NESO to create any contract or other commitment and is not intended by NESO to be otherwise relied on by any person to any extent. NESO shall have no liability for any losses incurred by any person as a result any such reliance.

You must be registered against all Achilles UVDB codes to be invited to the Pre-Qualification Stage.

Desta Wheeler desta.wheeler@achilles.com can support any issues with completion of your registration process on Achilles UVDB ahead of the qualification event commencing in April: provided that it is the sole responsibility of each interested supplier to ensure that it is properly registered on Achilles UVDB on time and NESO accepts no responsibility for any failure to register on time regardless of the reasons for that.

In this PIN all reference to a contract notice should be read as referring to an advertisement on Achilles UVDB and not a find a tender contract notice.