

**Denmark-Fredericia: IT services: consulting, software development, Internet and support**  
**OJ S 229/2023 28/11/2023**  
**Contract award notice – utilities**  
**Services**

**Legal Basis:**

Directive 2014/25/EU

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**Section I: Contracting entity**

**I.1. Name and addresses**

Official name: Energinet Systemansvar A/S

National registration number: 39 31 49 59

Postal address: Tonne Kjærsvej 65

Town: Fredericia

NUTS code: DK032 Sydjylland

Postal code: 7000

Country: Denmark

Contact person: Procurement K

E-mail: [indkob@energinet.dk](mailto:indkob@energinet.dk)

**Internet address(es):**

Main address: <https://eu.eu-supply.com/ctm/supplier/publictenders?B=ENERGINET>

Address of the buyer profile: <https://eu.eu-supply.com/ctm/Company/CompanyInformation/Index/228008>

**I.6. Main activity**

Electricity

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**Section II: Object**

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

**II.1.1. Title**

Procurement of Electricity Market Modelling Software

Reference number: 23/06793 - 336331

**II.1.2. Main CPV code**

72000000 IT services: consulting, software development, Internet and support

**II.1.3. Type of contract**

Services

**II.1.4. Short description**

The Contracting Authority wants to purchase Electricity Market Modelling Software.

Energinet is relying on electricity market forecasts as the foundation for any analysis, business case, electricity adequacy, budgeting, and other studies. Making qualified guesses on future electricity prices, emissions, constraints, and market dynamics through simulations is therefore of great importance for Energinet.

Energinet does this through market models, that can simulate a wide range of possible future European energy systems (electricity, heat, and hydrogen) on an hourly basis. The needs for

Ener-ginet include a State-of-the-art electricity market model with the ability to handle sector coupling, i.e., gas, hydrogen, and heat. State-of-the-art is defined by market models able to handle complex international studies, such as ERAA22 and TYNDP22, while also having capabilities to simulate hydro power through water value calculation algorithms.

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

This contract is divided into lots: no

#### **II.1.7. Total value of the procurement**

Value excluding VAT: 17 741 000,00 DKK

### **II.2. Description**

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

72000000 IT services: consulting, software development, Internet and support, 72212000 Programming services of application software, 72212900 Miscellaneous software development services and computer systems

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

NUTS code: DK Danmark

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

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As Energinet will have users using the model on a day-to-day basis as well as users with more moderate needs, a flexible user access structure is needed. The wide range of user types also demands for an intuitive and logical Graphical User Interface (GUI) so that users quickly can get familiar with the model and themselves input data, run simulations, and access results. Results from the market model should be a wide array of detailed data relevant to the energy system, e.g., flows, prices generation, emissions, adequacy indicators, water values.

The model needs to be suitable for implementation and running on private cloud (or on-premises) solutions. The underlying data and databases will be available for Energinet users only. Energinet should be able to backup, store and restore databases up to 10 years back in time – meaning that the supplier must provide solutions so that this can be achieved. After end of contract a view-only mode should be available for Energinet, so that any archived databases can be restored with all input- and output data.

For further details concerning the purchase, reference is made to the Tender Documents.

#### **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

## II.2.14. Additional information

Please note that this is a negotiated procedure. With the exception of mandatory parts, the Tender Documents may as a result undergo changes as part of the negotiation process.

## Section IV: Procedure

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### IV.1. Description

#### IV.1.1. Type of procedure

Negotiated procedure with prior call for competition

#### IV.1.3. Information about a framework agreement or a dynamic purchasing system

#### 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.2.1. Previous publication concerning this procedure

Notice number in the OJ S: [2023/S 122-388447](#)

#### IV.2.8. Information about termination of dynamic purchasing system

#### IV.2.9. Information about termination of call for competition in the form of a periodic indicative notice

## Section V: Award of contract

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**Contract No:** 1

**Title:**

Procurement of Electricity Market Modelling Software

A contract/lot is awarded: yes

### V.2. Award of contract

#### V.2.1. Date of conclusion of the contract

15/11/2023

#### V.2.3. Name and address of the contractor

Official name: AFRY Consult AS

National registration number: 934 948 262

Postal address: Lille Grensen 5

Town: Oslo

NUTS code: NO081 Oslo

Postal code: 0159

Country: Norway

The contractor is an SME: no

#### V.2.4. Information on value of the contract/lot

Initial estimated total value of the contract/lot: 25 000 000,00 DKK

Total value of the contract/lot: 17 741 000,00 DKK

#### V.2.5. Information about subcontracting

## V.2.6. Price paid for bargain purchases

### Section VI: Complementary information

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#### VI.3. Additional information

#### VI.4. Procedures for review

##### VI.4.1. Review body

Official name: Klagenævnet for Udbud

Postal address: Nævnenes Hus, Toldboden 2

Town: Viborg

Postal code: 8800

Country: Denmark

E-mail: [klfu@naevneneshus.dk](mailto:klfu@naevneneshus.dk)

Telephone: +45 72405708

Internet address: <https://naevneneshus.dk/start-din-klage/klagenaevnet-for-udbud/>

##### VI.4.3. Review procedure

Precise information on deadline(s) for review procedures:

Complaints regarding a candidate not being pre-qualified must be filed with The Complaints Board for Public Procurement within 20 calendar days starting the day after the contracting authority has sent notification to the candidates involved, provided that the notification includes a short account of the relevant reasons for the decision.

Other complaints must be filed with The Complaints Board for Public Procurement within:

1. 45 calendar days after the contracting authority has published a contract award notice in the Official Journal of the European Union (with effect from the day following the publication date);
2. 30 calendar days starting the day after the contracting authority has informed the tenderers in question, that the contracting authority has entered into a contract based on a framework agreement through reopening of competition or a dynamic purchasing system, provided that the notification includes a short account of the relevant reasons for the decision.
3. 6 months starting the day after the contracting authority has sent notification to the candidates/tenderers involved that the contracting authority has entered into the framework agreement, provided that the notification included a short account of the relevant reasons for the decision.

##### VI.4.4. Service from which information about the review procedure may be obtained

Official name: Konkurrence- og Forbrugerstyrelsen

Postal address: Carl Jacobsen Vej 35

Town: Valby

Postal code: 2500

Country: Denmark

E-mail: [kfst@kfst.dk](mailto:kfst@kfst.dk)

Telephone: +45 41715000

Internet address: <http://www.kfst.dk>

##### VI.5. Date of dispatch of this notice

23/11/2023