

213236-2026 - Result

Ireland – Energy and related services – Open Energy System Model of Ireland, Focusing on Electric Power with Multi-Energy Carrier Extensibility

OJ S 61/2026 27/03/2026

Contract or concession award notice – standard regime

Services

1. Buyer

1.1. Buyer

Official name: Sustainable Energy Authority of Ireland

Email: procurement@seai.ie

Legal type of the buyer: Body governed by public law

Activity of the contracting authority: Environmental protection

2. Procedure

2.1. Procedure

Title: Open Energy System Model of Ireland, Focusing on Electric Power with Multi-Energy Carrier Extensibility

Description: The Services comprise of the delivery of an automated energy modelling workflow that builds, solves and interrogates a configurable energy system optimisation model, using publicly available datasets, all under Open Licenses. Herein, the term 'Energy System Model' refers to all parts of the open energy modelling workflow, including all data, methodologies, assumptions, formulation, software, documentation, metadata, and related deliverables. Upon completion of the deliverables, SEAI's intention is to release the Energy System Model on public repositories, so that peers in research, teaching and industry, who have an interest in modelling and studying the energy system of Ireland, can use and contribute under the relevant Open Licenses and contributor agreements and guidelines. The Energy System Model must employ an energy system optimisation modelling (ESOM) framework, i.e., one that can endogenously model multi-energy carrier systems and sector coupling, that is fully open source, e.g. Calliope, PyPSA, SpineOpt or Tulipa, amongst others. The sectoral scope in this CfT is the electric power system and the major national infrastructure required to enable deep or full electric power system decarbonisation, e.g. networks for hydrogen and carbon dioxide, and therefore the preference is for those ESOM frameworks whose use cases have demonstrated best practice for electric power system modelling.

Procedure identifier: 55e0cbae-46f5-4dba-b719-de87f240b159

Previous notice: 12d2eba0-eac5-4fee-805d-ac13cd28e34e-01

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 71314000 Energy and related services

Additional classification (cpv): 48460000 Analytical, scientific, mathematical or forecasting software package, 71356000 Technical services, 72212460 Analytical, scientific, mathematical

or forecasting software development services, 72316000 Data analysis services, 73000000 Research and development services and related consultancy services, 73210000 Research consultancy services, 79311400 Economic research services

2.1.2. Place of performance

Country: Ireland

Anywhere in the given country

2.1.3. Value

Estimated value excluding VAT: 650 000,00 EUR

2.1.4. General information

Legal basis:

Directive 2014/24/EU

5. Lot

5.1. Lot: LOT-0001

Title: Open Energy System Model of Ireland, Focusing on Electric Power with Multi-Energy Carrier Extensibility

Description: The Services comprise of the delivery of an automated energy modelling workflow that builds, solves and interrogates a configurable energy system optimisation model, using publicly available datasets, all under Open Licenses. Herein, the term 'Energy System Model' refers to all parts of the open energy modelling workflow, including all data, methodologies, assumptions, formulation, software, documentation, metadata, and related deliverables. Upon completion of the deliverables, SEAI's intention is to release the Energy System Model on public repositories, so that peers in research, teaching and industry, who have an interest in modelling and studying the energy system of Ireland, can use and contribute under the relevant Open Licenses and contributor agreements and guidelines. The Energy System Model must employ an energy system optimisation modelling (ESOM) framework, i.e., one that can endogenously model multi-energy carrier systems and sector coupling, that is fully open source, e.g. Calliope, PyPSA, SpineOpt or Tulipa, amongst others. The sectoral scope in this CfT is the electric power system and the major national infrastructure required to enable deep or full electric power system decarbonisation, e.g. networks for hydrogen and carbon dioxide, and therefore the preference is for those ESOM frameworks whose use cases have demonstrated best practice for electric power system modelling.

Internal identifier: 0

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 71314000 Energy and related services

Additional classification (cpv): 48460000 Analytical, scientific, mathematical or forecasting software package, 71356000 Technical services, 72212460 Analytical, scientific, mathematical or forecasting software development services, 72316000 Data analysis services, 73000000 Research and development services and related consultancy services, 73210000 Research consultancy services, 79311400 Economic research services

5.1.2. Place of performance

Country: Ireland

Anywhere in the given country

5.1.3. Estimated duration

Duration: 15 Months

5.1.5. Value

Estimated value excluding VAT: 650 000,00 EUR

5.1.6. General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.10. Award criteria

Criterion:

Type: Quality

Description: Quality and level of relevant experience of personnel to deliver this contract

Category of award weight criterion: Weight (points, exact)

Award criterion number: 250

Criterion:

Type: Quality

Description: Quality of proposal: (a) Energy System Model technical solution, methodologies and user experience, and (b) DESS Techno-Economic Analysis

Category of award weight criterion: Weight (points, exact)

Award criterion number: 300

Criterion:

Type: Quality

Description: Quality of project management proposal, as well as company's own credentials and approach on sustainability / climate action

Category of award weight criterion: Weight (points, exact)

Award criterion number: 100

Criterion:

Type: Cost

Description: Cost of Service

Category of award weight criterion: Weight (points, exact)

Award criterion number: 350

5.1.15. Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: The High Court of Ireland

Organisation providing offline access to the procurement documents: Sustainable Energy Authority of Ireland

Organisation providing more information on the review procedures: The High Court of Ireland

6. Results

Value of all contracts awarded in this notice: 648 500,00 EUR

6.1. Result lot identifier: LOT-0001

Winner selection status: At least one winner was chosen.

6.1.2. Information about winners

Winner:

Official name: Energy Reform

Tender:

Tender identifier: 000153740

Identifier of lot or group of lots: LOT-0001

Value of the tender: 648 500,00 EUR

Subcontracting: No

Contract information:

Identifier of the contract: 438642

Date of the conclusion of the contract: 11/03/2026

6.1.4. Statistical information

Received tenders or requests to participate:

Type of received submissions: Tenders

Number of tenders or requests to participate received: 7

8. Organisations

8.1. ORG-0001

Official name: Sustainable Energy Authority of Ireland

Registration number: 231664

Postal address: Three Park Place, Upper Hatch Street, Dublin 2

Town: Dublin

Postcode: D02FX65

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Email: procurement@seai.ie

Telephone: 018082100

Internet address: <https://www.seai.ie/>

Buyer profile: <https://www.seai.ie/>

Roles of this organisation:

Buyer

Organisation providing offline access to the procurement documents

8.1. ORG-0002

Official name: Energy Reform

Size of the economic operator: Micro, small, or medium

Registration number: 495212

Town: Bray

Postcode: A98K3K6

Country subdivision (NUTS): Dublin (IE061)

Country: Ireland

Email: jody.dillon@energyreform.ie

Roles of this organisation:

Tenderer

Winner of these lots: LOT-0001

8.1. ORG-0003

Official name: The High Court of Ireland
Registration number: The High Court of Ireland
Department: The High Court of Ireland
Postal address: Four Courts, Inns Quay, Dublin 7
Town: Dublin
Postcode: D07 WDX8
Country subdivision (NUTS): Dublin (IE061)
Country: Ireland
Email: HighCourtCentralOffice@courts.ie
Telephone: +353 1 8886000

Roles of this organisation:

Review organisation
Organisation providing more information on the review procedures

8.1. ORG-0004

Official name: European Dynamics S.A.
Registration number: 002024901000
Department: European Dynamics S.A.
Town: Athens
Postcode: 15125
Country subdivision (NUTS): Βόρειος Τομέας Αθηνών (EL301)
Country: Greece
Email: eproc-esender@eurodyn.com
Telephone: +30 2108094500

Roles of this organisation:

TED eSender

Notice information

Notice identifier/version: c4310b04-5f3a-41f9-a7cc-b88933a72cac - 01
Form type: Result
Notice type: Contract or concession award notice – standard regime
Notice subtype: 29
Notice dispatch date: 26/03/2026 10:16:19 (UTC+00:00) Western European Time, GMT
Languages in which this notice is officially available: English
Notice publication number: 213236-2026
OJ S issue number: 61/2026
Publication date: 27/03/2026