

Luxembourg-Luxembourg: Exploring Possibilities for Automatic Validation of Energy Statistics with Artificial Intelligence

OJ S 38/2023 22/02/2023

Contract notice

Services

Legal Basis:

Regulation (EU, Euratom) No 2018/1046

Section I: Contracting authority

I.1. Name and addresses

Official name: European Commission, Statistical Office of the European Union (ESTAT)

Town: Luxembourg

NUTS code: LU00 Luxembourg

Postal code: L-2920

Country: Luxembourg

E-mail: estat-directorate-e-call-for-tenders@ec.europa.eu**Internet address(es):**Main address: <https://ec.europa.eu/eurostat/web/main>**I.3. Communication**The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=11671>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=11671>**I.4. Type of the contracting authority**

European institution/agency or international organisation

I.5. Main activity

Other activity: Statistics

Section II: Object

II.1. Scope of the procurement**II.1.1. Title**

Exploring Possibilities for Automatic Validation of Energy Statistics with Artificial Intelligence

Reference number: ESTAT/2023/OP/0005

II.1.2. Main CPV code

79330000 Statistical services

II.1.3. Type of contract

Services

II.1.4. Short description

The subject of this call for tenders is to explore the possibilities of using artificial intelligence (AI) to assist in the automation of data validation processes for energy statistics.

II.1.5. Estimated total value

Value excluding VAT: 150 000,00 EUR

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.2. Additional CPV code(s)

79330000 Statistical services

II.2.3. Place of performance

NUTS code: LU Luxembourg

Main site or place of performance: Contractor's premises.

II.2.4. Description of the procurement

As detailed in point 1.4.2.3 of the tender specifications, the work on this project is divided into the following two tasks, each task has two sub-tasks:

— Task 1 – Annual and monthly data collections:

— Sub-task 1.1 – Detect correct transmissions from manual validation results;

— Sub-task 1.2 – Investigate the possibility of an automatic detection of correct transmissions for each data collection;

— Task 2 – Proof of concept' solution:

— Sub-task 2.1 – Prepare complete dataset;

— Sub-task 2.2 – Train artificial intelligence model and evaluate results.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 150 000,00 EUR

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 12

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

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:
yes

Identification of the project: Single market programme 2021-2027

II.2.14. Additional information

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.1.

Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions:

See internet address provided in Section I.3).

III.1.2. Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3. Technical and professional ability

Selection criteria as stated in the procurement documents

III.2. Conditions related to the contract

III.2.2. Contract performance conditions

See internet address provided in Section I.3).

III.2.3. Information about staff responsible for the performance of the contract

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Open procedure

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

Date: 24/04/2023 Local time: 16:00

IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates

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

Bulgarian, Czech, Danish, German, Greek, English, Spanish, Estonian, Finnish, French, Irish, Croatian, Hungarian, Italian, Lithuanian, Latvian, Maltese, Dutch, Polish, Portuguese, Romanian, Slovak, Slovenian, Swedish

IV.2.6. Minimum time frame during which the tenderer must maintain the tender

Duration in months: 12 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 26/04/2023 Local time: 10:00

Place:

Tenders will be opened electronically on the date and time indicated in the contract notice. It is possible to attend the opening by videoconference.

Information about authorised persons and opening procedure: Please consult the procurement documents available at the address indicated in Section I.3).

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.2. Information about electronic workflows

Electronic invoicing will be accepted

VI.3. Additional information

Please consult the procurement documents available at the address indicated in Section I.3). In case of unavailability or disruptions in the functioning of the electronic means of communication provided in Section I.3) in the last 5 calendar days before the time limit for receipt indicated in Section IV.2.2), the contracting authority reserves the right to extend this time limit and publish the extension at the internet address provided in Section I.3), without a preceding publication of a corrigendum to this notice. Economic operators interested in this procurement are invited to subscribe to the call for tenders at the address in Section I.3) in order to get notified when new information or documents are published.

VI.4. Procedures for review

VI.4.1. Review body

Official name: General Court of the European Union

Postal address: rue du Fort Niedergrünwald

Town: Luxembourg

Postal code: L-2925

Country: Luxembourg

Telephone: +352 4303-1

Fax: +352 4303-2100

Internet address: <http://curia.europa.eu>

VI.4.3. Review procedure

Precise information on deadline(s) for review procedures:

See internet address provided in Section I.3).

VI.5. Date of dispatch of this notice

15/02/2023