

123034-2026 - Competition

Luxembourg – Nuclear evaluation instruments – Purchase of Two Portable Gamma Ray Imaging Spectrometers

OJ S 36/2026 20/02/2026

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: European Commission, DG ENER - Energy

Email: ENER-E1-CFT@ec.europa.eu

Legal type of the buyer: EU institution, body or agency

Activity of the contracting authority: General public services

2. Procedure

2.1. Procedure

Title: Purchase of Two Portable Gamma Ray Imaging Spectrometers

Description: To fulfil its responsibilities under Chapter VII of the EURATOM Treaty, the European Commission uses measurement equipment to verify nuclear fuel as part of its inspection activities. The imaging of gamma-ray is an established method for localization and mapping the distribution of the radioactive sources. Euratom inspectors require a gamma imaging system associated with a visual detector to promote the identification of residual or resident nuclear material in a wide range of environments. The system is meant to be portable and if possible hand-held. It is expected to be used during routine inspection operations with focus on ergonomics and sturdy design. In this context, DG ENER E1 needs to purchase two gamma imaging devices versatile enough to accommodate a wide range of measurements. They must be equipped with a wide energy range sensor and provide fine energy resolution. DG ENER E1 for Euratom is seeking two easy-to-use portable 3D-position-sensitive gamma imaging systems including associated readout electronics, and an embedded computer displaying: - A gamma-ray spectrum and isotope-specific images of the gamma-ray distribution in all directions - A wide range energy imaging system (from 50 keV (or lower) to 3 MeV (or higher)) - A real time spectroscopy and imaging system - Identification and visual localization of gamma sources The offer shall be presented in accordance with the following technical specifications and shall include all the administrative and technical requirements described in this document. The tenderer is requested to provide details of the manufacturer, type and technical properties of the brands on offer. The offered equipment must fulfil the minimum technical requirements, otherwise the tender will not be taken into consideration, but will be declared non-admissible.

Procedure identifier: 96b1b7ff-6e40-4c72-a35b-ff9e0d9d26c0

Internal identifier: EC-ENER/LUX/2026/OP/0002

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38940000 Nuclear evaluation instruments

2.1.2. Place of performance

Country: Luxembourg

Anywhere in the given country

Additional information: Please consult the procurement documents.

2.1.3. Value

Estimated value excluding VAT: 300 000,00 EUR

2.1.4. General information

Additional information: In case of unavailability or disruptions in the functioning of the electronic means of communication provided in Section 5.1.11 in the last 5 calendar days before the time limit for receipt indicated in Section 5.1.12, the contracting authority reserves the right to extend this time limit and publish the extension at the Internet address provided in Section 5.1.11, 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 5.1.11 in order to get notified when new information or documents are published.

Legal basis:

Regulation (EU, Euratom) 2024/2509

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

5. Lot

5.1. Lot: LOT-0001

Title: Purchase of Two Portable Gamma Ray Imaging Spectrometers

Description: To fulfil its responsibilities under Chapter VII of the EURATOM Treaty, the European Commission uses measurement equipment to verify nuclear fuel as part of its inspection activities. The imaging of gamma-ray is an established method for localization and mapping the distribution of the radioactive sources. Euratom inspectors require a gamma imaging system associated with a visual detector to promote the identification of residual or resident nuclear material in a wide range of environments. The system is meant to be portable and if possible hand-held. It is expected to be used during routine inspection operations with focus on ergonomics and sturdy design. In this context, DG ENER E1 needs to purchase two gamma imaging devices versatile enough to accommodate a wide range of measurements. They must be equipped with a wide energy range sensor and provide fine energy resolution. DG ENER E1 for Euratom is seeking two easy-to-use portable 3D-position-sensitive gamma imaging systems including associated readout electronics, and an embedded computer displaying: - A gamma-ray spectrum and isotope-specific images of the gamma-ray distribution in all directions - A wide range energy imaging system (from 50 keV (or lower) to 3 MeV (or higher)) - A real time spectroscopy and imaging system - Identification and visual localization of gamma sources The offer shall be presented in accordance with the following technical specifications and shall include all the administrative and technical requirements described in this document. The tenderer is requested to provide details of the manufacturer, type and technical properties of the brands on offer. The offered equipment must fulfil the minimum technical requirements, otherwise the tender will not be taken into consideration, but will be declared non-admissible.

Internal identifier: EC-ENER/LUX/2026/OP/0002

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38940000 Nuclear evaluation instruments

5.1.2. Place of performance

Country: Luxembourg

Anywhere in the given country

Additional information: Please consult the procurement documents.

5.1.3. Estimated duration

Duration: 8 Months

5.1.5. Value

Estimated value excluding VAT: 300 000,00 EUR

5.1.6. General information

Reserved participation:

Participation is not reserved.

Procurement Project fully or partially financed with EU Funds.

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

5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

5.1.10. Award criteria

Criterion:

Type: Price

Description: Please consult the procurement documents.

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

Award criterion number: 100

5.1.11. Procurement documents

Deadline for requesting additional information: 31/03/2026

Address of the procurement documents: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/tender-details/96b1b7ff-6e40-4c72-a35b-ff9e0d9d26c0-CN?#anchorDocuments>

Ad hoc communication channel:

Name: Funding and Tenders Portal

URL: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/tender-details/96b1b7ff-6e40-4c72-a35b-ff9e0d9d26c0-CN?#anchorDocuments>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://webgate.ec.europa.eu/digit/opsys/esubmission?cftUuid=96b1b7ff-6e40-4c72-a35b-ff9e0d9d26c0>

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

Electronic catalogue: Not allowed

Deadline for receipt of tenders: 13/04/2026 16:00:59 (UTC+02:00) Eastern European Time, Central European Summer Time

Duration during which the tender must remain valid: 6 Months

Information about public opening:

Opening date: 14/04/2026 11:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

Electronic invoicing: Allowed

Electronic ordering will be used: yes

Electronic payment will be used: yes

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: Court of Justice of the European Union

Organisation providing more information on the review procedures: European Commission, DG ENER - Energy

8. Organisations

8.1. ORG-0001

Official name: European Commission, DG ENER - Energy

Registration number: COM

Department: ENER.E - Euratom safeguards

Postal address: rue Mercier 2

Town: LUXEMBOURG

Postcode: L-2144

Country subdivision (NUTS): Luxembourg (LU000)

Country: Luxembourg

Email: ENER-E1-CFT@ec.europa.eu

Telephone: +32 2 299 11 11

Internet address: <https://ec.europa.eu/energy/>

Roles of this organisation:

Buyer

Organisation providing more information on the review procedures

8.1. ORG-0002

Official name: Court of Justice of the European Union

Registration number: CURIA

Postal address: Rue du Fort Niedergrünwald

Town: Luxembourg

Postcode: L-2925

Country subdivision (NUTS): Luxembourg (LU000)

Country: Luxembourg

Email: GC.Registry@curia.europa.eu

Telephone: +352 4303-1

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

Roles of this organisation:

Review organisation

8.1. ORG-0003

Official name: European Commission

Registration number: EUCOM

Postal address: Mondrian (CDMA), Rue du Champ de Mars 21

Town: Brussels

Postcode: B-1050

Country subdivision (NUTS): Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad (BE100)

Country: Belgium

Email: ENER-E1-CFT@ec.europa.eu

Telephone: +32 2 299 11 11

Internet address: <https://commission.europa.eu/>

Roles of this organisation:

TED eSender

Notice information

Notice identifier/version: 014ce4f9-27d6-40d9-9ec7-0ad3d5ece68d - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

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