

588356-2026 - Competition

Italy – Measuring instruments – Supply and maintenance of a LED Solar Simulator for Photovoltaic Module Calibration

OJ S 164/2026 26/08/2026

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: European Commission, DG JRC - Joint Research Centre

Email: jrc-ispra-dir-c-procurement@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: Supply and maintenance of a LED Solar Simulator for Photovoltaic Module Calibration

Description: The purpose of the contract is to procure supplies together with related maintenance services. The supply to be purchase is a LED solar simulator needed to calibrate large-area photovoltaic solar modules at STC (Standard Test Conditions). The simulator must conform to the International Electrotechnical Commission standard. It must have a tuneable spectrum with a spectral range and a minimum effective measurement area of a rectangle. The simulator must be capable of operating in both pulsed mode and continuous mode. The simulator must provide active module temperature control under continuous operation.

Procedure identifier: d1766f3c-885c-45bf-af14-e6817cfee3ed

Internal identifier: EC-JRC/IPR/2026/OP/3781

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38300000 Measuring instruments

2.1.2. Place of performance

Country: Italy

Anywhere in the given country

Additional information: Please consult the procurement documents.

2.1.3. Value

Estimated value excluding VAT: 660 000,00 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: Supply and maintenance of a LED Solar Simulator for Photovoltaic Module Calibration

Description: The purpose of the contract is to procure supplies together with related maintenance services. The supply to be purchase is a LED solar simulator needed to calibrate large-area photovoltaic solar modules at STC (Standard Test Conditions). The simulator must conform to the International Electrotechnical Commission standard. It must have a tuneable spectrum with a spectral range and a minimum effective measurement area of a rectangle. The simulator must be capable of operating in both pulsed mode and continuous mode. The simulator must provide active module temperature control under continuous operation.

Internal identifier: EC-JRC/IPR/2026/OP/3781

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38300000 Measuring instruments

Additional classification (cpv): 38600000 Optical instruments, 38400000 Instruments for checking physical characteristics, 50000000 Repair and maintenance services

5.1.2. Place of performance

Country: Italy

Anywhere in the given country

Additional information: Please consult the procurement documents.

5.1.3. Estimated duration

Duration: 56 Months

5.1.5. Value

Estimated value excluding VAT: 660 000,00 EUR

5.1.6. General information

Reserved participation:

Participation is not reserved.

Procurement Project fully or partially financed with EU Funds.

Information about European Union funds:

EU funds programme: Horizon Europe – the Framework Programme for Research and Innovation (2021/2027)

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

Information about previous notices:

Identifier of the previous notice: 483426-2026

5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

5.1.10. Award criteria

Criterion:

Type: Quality

Description: Please consult the procurement documents.

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

Award criterion number: 60

Criterion:

Type: Price

Description: Please consult the procurement documents.

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

Award criterion number: 40

5.1.11. Procurement documents

Deadline for requesting additional information: 24/09/2026 23:59:59 (UTC+02:00) Eastern European Time, Central European Summer Time

Address of the procurement documents: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/tender-details/d1766f3c-885c-45bf-af14-e6817cfee3ed-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/d1766f3c-885c-45bf-af14-e6817cfee3ed-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=d1766f3c-885c-45bf-af14-e6817cfee3ed>

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: 02/10/2026 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: 05/10/2026 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 JRC - Joint Research Centre

8. Organisations

8.1. ORG-0001

Official name: European Commission, DG JRC - Joint Research Centre

Registration number: COM

Department: JRC.C - Energy, Mobility and Climate

Postal address: Via Enrico Fermi 2749

Town: Ispra (VA)

Postcode: I-21027

Country subdivision (NUTS): Varese (ITC41)

Country: Italy

Email: jrc-ispra-dir-c-procurement@ec.europa.eu

Telephone: +32 2 299 11 11

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

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: jrc-ispra-dir-c-procurement@ec.europa.eu

Telephone: +32 2 299 11 11

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

Roles of this organisation:

Notice information

Notice identifier/version: c52c6e3a-08b2-4d66-8511-c2333f73be8b - 01

Form type: Competition

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