

649876-2026 - Kompetizzjoni

L-Italja – Ġeneraturi tal-gass – Supply, Installation and maintenance of a PEM Electrolyser for Hydrogen Production at JRC Ispra

OJ S 182/2026 21/09/2026

Avviż tal-kuntratt jew tal-konċessjoni – reġim standard - Avviż tal-bidla

Provvisti

1. Xerrej

1.1. Xerrej

Isem uffiċjali: European Commission, DG JRC - Joint Research Centre

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

Tip legali tax-xerrej: Istituzzjoni, korp jew aġenzija tal-UE

Attività tal-awtorità kontraenti: Servizi pubblici ġenerali

2. Proċedura

2.1. Proċedura

Titlu: Supply, Installation and maintenance of a PEM Electrolyser for Hydrogen Production at JRC Ispra

Deskrizzjoni: The procurement entails the design, manufacturing, delivery, installation, and commissioning of a Proton Exchange Membrane (PEM) electrolysis system for hydrogen production at the JRC Ispra site. The core of the system is a 50 Nm³/h electrolyser (which must be upgradable to 100 Nm³/h) that delivers hydrogen at an outlet pressure of 30 barg. The main equipment will be delivered in a containerized/skid version divided into three specific areas: a control panel area with the AC/DC converter, a water purification unit, and an ATEX-classified area containing the stacks and gas purification treatment. In addition to the containerized unit, the scope of supply includes several external components: An MV/LV transformer A thermal management system (dry cooler) A lowpressure hydrogen storage system consisting of a cylinder rack at 30 bar with a total volume of 5 m³ A gas blender installed on the outlet piping after the storage Finally, the procurement includes a comprehensive service package covering the Factory Acceptance Test (FAT), Site Acceptance Test (SAT), ATEX verification, staff training, two years of spare parts, and a 3year maintenance contract. Reason for Purchasing The primary objective of this procurement is to produce green hydrogen by harnessing the renewable energy generated from the JRC Ispra site's internal photovoltaic (PV) plant. Currently, the site has a 1.35 MWp PV installation, which is planned to be expanded to 2 MWp and eventually 3 MWp in the future. Instead of using battery systems, the JRC intends to use the excess energy from this PV plant to power the electrolyser for selfconsumption. The hydrogen produced will then be blended into the natural gas pipeline (up to a 10% volume blend) to feed the site's cogenerators. A dedicated technical sizing analysis concluded that a modular 2x250 kW electrolyser is the optimal choice, as it offers the best compromise between the available PV power, the number of operating hours, and the demand from the cogenerators across current and future PV expansion scenarios

Identifikatur tal-proċedura: a2c207c5-43fe-42dc-9a1b-05e03990752c

Identifikatur intern: EC-JRC/IPR/2026/OP/3317

Tip ta' proċedura: Miftuħa

Il-proċedura hija aċċellerata: le

2.1.1. Għan

Natura tal-kuntratt: Provvisti

Klassifikazzjoni prinċipali (cpv): 42980000 Ġeneraturi tal-gass

2.1.2. Post tal-prestazzjoni

Pajjiż: L-Italja

Ikun fejn ikun fil-pajjiż ikkonċernat

Informazzjoni addizzjonali: Please consult the procurement documents.

2.1.3. Valur

Valur stmat mingħajr VAT: 1 100 000,00 EUR

2.1.4. Informazzjoni ġenerali

Informazzjoni addizzjonali: 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.

Bażi legali:

Regolament (UE, Euratom) 2024/2509

2.1.6. Raġunijiet għall-esklużjoni

Sors tal-motivi għall-eżklussjoni: Dokument tal-Akkwist

5. Lott

5.1. Lott: LOT-0001

Titlu: Supply, Installation and maintenance of a PEM Electrolyser for Hydrogen Production at JRC Ispra

Deskrizzjoni: The procurement entails the design, manufacturing, delivery, installation, and commissioning of a Proton Exchange Membrane (PEM) electrolysis system for hydrogen production at the JRC Ispra site. The core of the system is a 50 Nm³/h electrolyser (which must be upgradable to 100 Nm³/h) that delivers hydrogen at an outlet pressure of 30 barg. The main equipment will be delivered in a containerized/skid version divided into three specific areas: a control panel area with the AC/DC converter, a water purification unit, and an ATEX-classified area containing the stacks and gas purification treatment. In addition to the containerized unit, the scope of supply includes several external components: An MV/LV transformer A thermal management system (dry cooler) A lowpressure hydrogen storage system consisting of a cylinder rack at 30 bar with a total volume of 5 m³ A gas blender installed on the outlet piping after the storage Finally, the procurement includes a comprehensive service package covering the Factory Acceptance Test (FAT), Site Acceptance Test (SAT), ATEX verification, staff training, two years of spare parts, and a 3year maintenance contract. Reason for Purchasing The primary objective of this procurement is to produce green hydrogen by harnessing the renewable energy generated from the JRC Ispra site's internal photovoltaic (PV) plant. Currently, the site has a 1.35 MWp PV installation, which is planned to be expanded to 2 MWp and eventually 3 MWp in the future. Instead of using battery systems, the JRC intends to use the excess energy from this PV plant to power the electrolyser for selfconsumption. The hydrogen produced will then be blended into the natural

gas pipeline (up to a 10% volume blend) to feed the site's cogenerators. A dedicated technical sizing analysis concluded that a modular 2x250 kW electrolyser is the optimal choice, as it offers the best compromise between the available PV power, the number of operating hours, and the demand from the cogenerators across current and future PV expansion scenarios
Identifikatur intern: EC-JRC/IPR/2026/OP/3317

5.1.1. Għan

Natura tal-kuntratt: Provvisti

Klassifikazzjoni prinċipali (cpv): 42980000 Ġeneraturi tal-gass

Klassifikazzjoni addizzjonali (cpv): 45259000 Tiswija u manutenzjoni ta' l-impjanti, 45310000 Xogħol ta' l-istallazzjoni ta' l-elettriku, 71320000 Servizzi ta' l-inġinerija tad-disinn, 24111600 Idoġenu, 45251100 Xogħol tal-kostruzzjoni għall-impjanti ta' l-enerġija, 45253100 Xogħol ta' kostruzzjoni ta' impjant għad-demineralizzazzjoni, 45255800 Xogħol ta' kostruzzjoni ta' impjant għall-produzzjoni tal-gass, 45317200 Xogħol ta' stallazzjoni elettrika ta' l-apparat tat-transformers, 51100000 Servizzi ta' l-istallazzjoni ta' l-apparat elettriku u mekkaniku

5.1.2. Post tal-prestazzjoni

Pajjiż: L-Italja

Ikun fejn ikun fil-pajjiż ikkonċernat

Informazzjoni addizzjonali: Please consult the procurement documents.

5.1.3. Tul ta' żmien stmat

Tul ta' żmien: 74 Xhur

5.1.5. Valur

Valur stmat mingħajr VAT: 1 100 000,00 EUR

5.1.6. Informazzjoni ġenerali

Parteċipazzjoni riżervata:

Il-parteċipazzjoni mhijiex riżervata.

Proġett ta' akkwist iffinanzjat kompletament jew parzjalment mill-Fondi tal-UE

Informazzjoni dwar Fondi tal-Unjoni Ewropea:

Programm tal-fondi mill-UE: Orizzont Ewropa – il-Programm Qafas għar-Riċerka u l-Innovazzjoni (2021/2027)

L-akkwist huwa kopert mill-Ftehim dwar l-Akkwisti Pubbliċi (GPA): iva

Informazzjoni dwar avviżi preċedenti:

Identifikatur tal-avviż preċedenti: 408830-2026

5.1.9. Kriterji tal-għażla

Sors tal-kriterji ta' għażla: Dokument tal-Akkwist

5.1.10. Kriterji tal-għoti

Kriterju:

Tip: Kwalità

Deskrizzjoni: Please consult the procurement documents.

Kategorija tal-kriterju tal-għoti piż: Fattur ta' ponderazzjoni (persentaġġ, eżatt)

Numru tal-kriterju għall-għoti: 60

Kriterju:

Tip: Prezz

Deskrizzjoni: Please consult the procurement documents.

Kategorija tal-kriterju tal-għoti piż: Fattur ta' ponderazzjoni (persentaġġ, eżatt)

Numru tal-kriterju għall-għoti: 40

5.1.11. Dokumenti tal-akkwist

Skadenza biex tintalab informazzjoni addizzjonali: 23/09/2026 23:59:59 (UTC+02:00) Hinn tal-Ewropa tal-Lvant, Hinn tas-sajf tal-Ewropa Ċentrali

Indirizz tad-dokumenti tal-akkwist: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/tender-details/a2c207c5-43fe-42dc-9a1b-05e03990752c-CN?#anchorDocuments>

Mezz ta' komunikazzjoni ad hoc:

Isem: Funding and Tenders Portal

URL: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/tender-details/a2c207c5-43fe-42dc-9a1b-05e03990752c-CN?#anchorDocuments>

5.1.12. Termini tal-akkwist

Termini tas-sottomissjoni:

Sottomissjoni elettronika: Meħtieġa

Indirizz għas-sottomissjoni: <https://webgate.ec.europa.eu/digit/opsys/esubmission?cftUuid=a2c207c5-43fe-42dc-9a1b-05e03990752c>

Lingwi li bihom jistgħu jiġu sottomessi offerti jew talbiet għall-partekipazzjoni: Bulgaru, Ċek, Daniż, Ġermaniż, Grieg, Ingliż, Spanjol, Eston, Finlandiż, Franċiż, Irlandiż, Kroat, Ungeriz, Taljan, Litwan, Latvjan, Malti, Olandiż, Pollakk, Portugiż, Rumen, Slovakk, Sloven, Svediż

Katalogu elettroniku: Mhux permessa

Skadenza biex jintlaqgħu l-offerti: 01/10/2026 16:00:59 (UTC+02:00) Hinn tal-Ewropa tal-Lvant, Hinn tas-sajf tal-Ewropa Ċentrali

Perjodu waqt li l-offerta għandha tibqa' valida: 6 Xhur

Informazzjoni dwar il-ftuħ pubbliku:

Data tal-ftuħ: 02/10/2026 10:00:00 (UTC+02:00) Hinn tal-Ewropa tal-Lvant, Hinn tas-sajf tal-Ewropa Ċentrali

Termini tal-kuntratt:

L-eżekuzzjoni tal-kuntratt għandha titwettagħ fil-qafas ta' programmi ta' impjiegi protetti: Le

Fatturazzjoni elettronika: Permessu

Se tintuża l-ordni elettronika: iva

Se jintuża l-pagament elettroniku: iva

5.1.15. Tekniki

Ftehim qafas:

Ebda ftehim ta' qafas

Informazzjoni dwar is-sistema dinamika tax-xiri:

Ebda sistema dinamika ta' xiri

5.1.16. Aktar informazzjoni, medjazzjoni u rieżami

Organizzazzjoni tar-rieżami: Court of Justice of the European Union

Organizzazzjoni li tipprovdi iktar informazzjoni dwar proċeduri tar-rieżami: European Commission, DG JRC - Joint Research Centre

8. Organizzazzjonijiet

8.1. ORG-0001

Isem uffiċjali: European Commission, DG JRC - Joint Research Centre

Numru tar-registrazzjoni: COM

Dipartiment: JRC.R - Operations and Support Management

Indirizz postali: Via Enrico Fermi 2749

Belt: Ispra (VA)
Kodiċi postali: I-21027
Sottodivizjoni tal-pajjiż (NUTS): Varese (ITC41)
Pajjiż: L-Italja
Email: jrc-ispra-dir-r-procurement@ec.europa.eu
Telefown: +32 2 299 11 11
Indirizz tal-internet: <https://ec.europa.eu/jrc/>

Rwoli ta' din l-organizzazzjoni:

Xerrej

Organizzazzjoni li tipprovdi iktar informazzjoni dwar proċeduri tar-rieżami

8.1. ORG-0002

Isem uffiċjali: Court of Justice of the European Union
Numru tar-registrazzjoni: CURIA
Indirizz postali: Rue du Fort Niedergrünewald
Belt: Luxembourg
Kodiċi postali: L-2925
Sottodivizjoni tal-pajjiż (NUTS): Luxembourg (LU000)
Pajjiż: Il-Lussemburgu
Email: GC.Registry@curia.europa.eu
Telefown: +352 4303-1
Indirizz tal-internet: <http://curia.europa.eu>

Rwoli ta' din l-organizzazzjoni:

Organizzazzjoni tar-rieżami

8.1. ORG-0003

Isem uffiċjali: European Commission
Numru tar-registrazzjoni: EUCOM
Indirizz postali: Mondrian (CDMA), Rue du Champ de Mars 21
Belt: Brussels
Kodiċi postali: B-1050
Sottodivizjoni tal-pajjiż (NUTS): Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad (BE100)
Pajjiż: Il-Belġju
Email: jrc-ispra-dir-r-procurement@ec.europa.eu
Telefown: +32 2 299 11 11
Indirizz tal-internet: <https://commission.europa.eu/>

Rwoli ta' din l-organizzazzjoni:

TED eSender

10. Bidla

Verżjoni tal-avviż preċedenti li għandu jinbidel

:

af59c306-6862-4cd8-8784-b2957cecff4c-02

Raġuni ewlenija għall-bidla

:

Informazzjoni aġġornata

Deskrizzjoni

:

The opening will be online and not in physical presence

Informazzjoni dwar l-avviż

Identifikatur/verżjoni tal-avviż: cd5b8fd2-ee7c-4270-a484-0f1bfc221f67 - 01

Tip ta' formola: Kompetizzjoni

Tip ta' avviż: Avviż tal-kuntratt jew tal-konċessjoni – reġim standard

Sottotip tal-avviż: 16

Data ta' meta ntbagħat l-avviż: 18/09/2026 12:49:15 (UTC+02:00) Ħin tal-Ewropa tal-Lvant,
Ħin tas-sajf tal-Ewropa Ċentrali

Lingwi li bihom dan l-avviż huwa disponibbli ufficjalment: Ingliz

Numru tal-pubblikazzjoni tal-avviż: 649876-2026

Numru tal-ħarġa tal-ĠU S: 182/2026

Data tal-pubblikazzjoni: 21/09/2026