218454-2026 - Competition

Germany – Business and management consultancy and related services – 10004174 - Engineering support for the development of up to three PtL pilot plants in up to three countries
OJ S 62/2026 30/03/2026
Contract or concession notice – standard regime
Services

1. Buyer

1.1. Buyer

Official name: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Email: giz-vergabe@bho-legal.com
Legal type of the buyer: Public undertaking, controlled by a central government authority
Activity of the contracting authority: General public services

2. Procedure

2.1. Procedure

Title: 10004174 - Engineering support for the development of up to three PtL pilot plants in up to three countries
Description: The International Power-to-X Hub is implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German Federal Ministry for the Environment, Climate Action, Nature Conservation and Nuclear Safety (BMUKN) and is financed through the International Climate Initiative as part of Germany"s hydrogen and Power-to-X policy framework. The International Power-to-X Hub supports the transition to climate-neutral industries and economies by promoting sustainable Power-to-X solutions where direct electrification is not yet feasible, especially in hard-to-abate sectors such as aviation, maritime transport, and energy-intensive industries. Power-to-X enables the production of fuels and chemical feedstocks from renewable electricity and sustainable carbon or nitrogen sources and is therefore a key instrument for replacing fossil-based inputs in sectors including chemicals, fertilisers, steel, cement, aviation, and shipping. The project is based on the understanding that renewable electricity must be used directly wherever possible and that Power-to-X should be applied specifically in areas where no more efficient decarbonisation option is currently available. The PtX Hub has already supported partner countries in developing allocation scenarios for hydrogen and other PtX products, including related value chain analyses. Current and previous activities have been carried out with public-sector partners in Morocco, South Africa, Kenya and Argentina, as well as in other countries of the Global South. At the same time, the International Power-to-X Hub recognises the major development opportunities associated with sustainable PtX markets, particularly for countries with strong renewable energy potential, which can reduce dependence on fossil fuel imports, lower emissions, build new value chains, and position themselves in emerging international markets for climate-neutral fuels and products. A central principle of the project is that sustainability must guide market development from the outset. Power-to-X is only climate-compatible when based on renewable electricity and robust environmental and social standards across the value chain, supported by appropriate certification systems and reliable investment conditions. To date, the PtX Hub has helped identify concrete business cases and derive recommendations for improving regulatory frameworks for sustainable PtX markets. These activities are intended to support pilot-scale implementation and prepare partner

countries for the future domestic use and export of electricity-based sustainable fuels. Working with public and private sector partners, we aim to accelerate practical, country-specific pathways towards the production and use of sustainable hydrogen derivatives, e-fuels, and other PtX products, thereby contributing to global climate goals and long-term sustainable economic transformation.
Procedure identifier: 2f36ad11-0b26-4c1c-89e0-a022d3a1ab14
Internal identifier: 10004174
Type of procedure: Negotiated with prior publication of a call for competition / competitive with negotiation
The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Services
Main classification (cpv): 79400000 Business and management consultancy and related services
Additional classification (cpv): 79411100 Business development consultancy services

2.1.2. Place of performance

Country: Germany
Anywhere in the given country

2.1.4. General information

Additional information: #Bekanntmachungs-ID: CXTRYY6YT73DRSSJ# All communication takes place in English via communication tool in the project area of the procurement portal.
Legal basis:
Directive 2014/24/EU
vgv -

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Notice
Breaching of obligations set under purely national exclusion grounds: In accordance with §§ 123,124 GWB, § 22 LkSG
Participation in a criminal organisation: In accordance with §§ 123,124 GWB, § 22 LkSG
Terrorist offences or offences linked to terrorist activities: In accordance with §§ 123,124 GWB, § 22 LkSG
Money laundering or terrorist financing: In accordance with §§ 123,124 GWB, § 22 LkSG
Fraud: In accordance with §§ 123,124 GWB, § 22 LkSG
Corruption: In accordance with §§ 123,124 GWB, § 22 LkSG
Child labour and including other forms of trafficking in human beings: In accordance with §§ 123,124 GWB, § 22 LkSG
Breaching obligation relating to payment of taxes: In accordance with §§ 123,124 GWB, § 22 LkSG
Breaching obligation relating to payment of social security contributions: In accordance with §§ 123,124 GWB, § 22 LkSG
Breaching of obligations in the fields of environmental law: In accordance with §§ 123,124 GWB, § 22 LkSG
Breaching of obligations in the fields of social law: In accordance with §§ 123,124 GWB, § 22 LkSG
Breaching of obligations in the fields of labour law: In accordance with §§ 123,124 GWB, § 22 LkSG
Insolvency: In accordance with §§ 123,124 GWB, § 22 LkSG

Assets being administered by liquidator: In accordance with §§ 123,124 GWB, § 22 LkSG
Business activities are suspended: In accordance with §§ 123,124 GWB, § 22 LkSG
Analogous situation like bankruptcy, insolvency or arrangement with creditors under national law: In accordance with §§ 123,124 GWB, § 22 LkSG
Grave professional misconduct: In accordance with §§ 123,124 GWB, § 22 LkSG
Agreements with other economic operators aimed at distorting competition: In accordance with §§ 123,124 GWB, § 22 LkSG
Conflict of interest due to its participation in the procurement procedure: In accordance with §§ 123,124 GWB, § 22 LkSG
Direct or indirect involvement in the preparation of this procurement procedure: In accordance with §§ 123,124 GWB, § 22 LkSG
Early termination, damages, or other comparable sanctions: In accordance with §§ 123,124 GWB, § 22 LkSG
Misrepresentation, withheld information, unable to provide required documents or obtained confidential information of this procedure: In accordance with §§ 123,124 GWB, § 22 LkSG

5. Lot

5.1. Lot: LOT-0001

Title: 10004174 - Engineering support for the development of up to three PtL pilot plants in up to three countries

Description: The International Power-to-X Hub supports the transition to climate-neutral industries and economies by advancing sustainable Power-to-X solutions in sectors where direct electrification is not yet feasible, especially aviation, maritime transport and energy-intensive industries. The project is implemented by Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German Federal Ministry for the Environment, Climate Action, Nature Conservation and Nuclear Safety (BMUKN). It is financed through the International Climate Initiative as part of Germany"s hydrogen and Power-to-X policy framework. Power-to-X enables the production of fuels and chemical feedstocks from renewable electricity and sustainable carbon or nitrogen sources and therefore helps replace fossil-based inputs while supporting climate protection, industrial transformation and sustainable economic development. The subject of this tender is providing technical support for the development of up to three Power-to-Liquid pilot plants in up to three countries. The assignment provides up to three industrial partner companies with customised engineering documents and advisory services to advance PtL pilot plant projects to FEED/EPC tendering stage. The requested services cover the full project development pathway from concept definition and selection through comparative techno-economic feasibility assessment and conceptual engineering to advice on procurement and tender strategy and, where required, support for the preparation of functional FEED/EPC tender documents. The contract is structured into four work packages in two implementation steps. In Work Packages A and B, the contractor shall review existing concepts and documentation, consult each partner, refine or propose PtL plant concepts, advise on feedstock and utility sourcing, process technologies, offtake markets, regulation and certification, conduct kick-off meetings and site visits, and prepare Concept and Site Analysis Reports with comparative assessments and recommendations. The contractor shall also deliver partner trainings and prepare comparative techno-economic feasibility studies for up to two plant concepts per partner, including a book of assumptions, process simulation, technical descriptions, preliminary process flow diagrams, equipment sizing, interface definitions, certification compliance assessment, CAPEX and OPEX estimates, economic modelling, risk analysis and concept recommendations. Preliminary results shall be discussed with each partner in an interactive workshop to validate

assumptions, review trade-offs and support concept selection. Subject to confirmation by the partner and GIZ, Work Package C covers FEL-2 conceptual engineering for the selected concept and a refined Class 4 AACE cost estimate. This includes advisory support on site development, permitting and certification, preparation of an integrated project execution plan, partner trainings on PtL process simulation and plant engineering, and an FEL-2 engineering package comprising Basis of Design specifications, process descriptions, drawings, equipment lists, preliminary equipment specifications, interface and battery limit definitions, input and output specifications, and QA/QC and HSE requirements. The engineering work shall be carried out in close coordination with the partner and GIZ and shall include advice on technology and licensor options as well as updated CAPEX estimates, economic models and key project indicators. Where sustainable CO2 supply is not readily available, the services may also include, for one project, the screening of potential sustainable carbon sources and the design of a CCU system including FEL-1 engineering package and CAPEX assessment. In a subsequent stage, the contractor shall advise on FEED/EPC procurement and tender strategy and, where required, prepare the functional tender specifications, including design basis, technical and performance specifications, scope of supply and services, site and utility information, HSE and QA/QC requirements and project schedule elements in line with the partner"s procurement framework and international standards. The contractor shall also provide advice on commercial and legal terms during tender preparation. For one partner, the services may further include support during the FEED/EPC tendering process, including bidder communication, clarification support, qualification and bid evaluation assistance, preparation of evaluation notes and support during negotiations. Throughout implementation, the contractor shall also provide cross-cutting knowledge exchange, monitoring, reporting, backstopping and coordination services.
Internal identifier: 10004174

5.1.1. Purpose

Main nature of the contract: Services
Main classification (cpv): 79400000 Business and management consultancy and related services
Additional classification (cpv): 79411100 Business development consultancy services
Options:
Description of the options: GIZ may optionally commission contract amendments and/or increases based on the criteria in the tender documents to the successful bidder of this tender. For details, please see the terms of reference.

5.1.2. Place of performance

Country: Germany
Anywhere in the given country

5.1.3. Estimated duration

Duration: 20 Months

5.1.4. Renewal

Maximum renewals: 2
Other information about renewals: GIZ may optionally commission contract amendments and /or increases based on the criteria in the tender documents to the successful bidder of this tender. For details, please see the terms of reference.

5.1.6. General information

Reserved participation:
Participation is not reserved.

The names and professional qualifications of the staff assigned to perform the contract must be given: Tender requirement
Procurement Project fully or partially financed with EU Funds.
The procurement is covered by the Government Procurement Agreement (GPA): yes
This procurement is also suitable for small and medium-sized enterprises (SMEs): yes
Additional information: #Besonders auch geeignet für:other-sme#

5.1.7. Strategic procurement

Aim of strategic procurement: Reduction of environmental impacts
Description: Environmental protection and climate action (climate change mitigation/adaptation
Aim of strategic procurement: Fulfilment of social objectives
Description: Safeguards and gender measures Environmental protection and climate action
Approach to reducing environmental impacts: Climate change mitigation, Pollution prevention and control
Social objective promoted: Gender equality, Human rights due diligence in global supply chains

5.1.9. Selection criteria

Sources of selection criteria: Notice
Criterion: Other economic or financial requirements
Description of selection criterion: EN-A1: Principles for the execution of orders (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): The eligbility criteria are not from the same category as stipulated above, as there is no suitable category. 1. Self-declaration: name of company and address, tax ID, registration and commercial register number or equivalent register in accordance with the legal provisions of the country of origin. 2. No grounds for exclusion pursuant to § 123, § 124 GWB, § 22 LkSG, EU-Russia sanctions 3. Declaration of bidding consortium and/or declaration of subcontractors (if applicable)

Criterion: Other economic or financial requirements
Description of selection criterion: EN-A2: Conditions for the reduction of candidates (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): If we receive more than 5 requests to participate, we will make a selection on the basis of the criteria laid out in the procurement documents and invite tenders only from the 5 candidates with the highest scores. We reserve the right to cancel the procurement procedure if we receive fewer than 3 requests to participate. If it is not possible to make a clear selection of up to 5 candidates for the tendering phase on the basis of the criteria listed in the procurement documents (e.g. if a number of candidates achieve the same overall eligibility score), we reserve the right to increase the maximum number of 5. More than the required number of references may be provided but the number of 10 references should not be exceeded. If you are participating in the procedure as part of a candidate/bidding consortium, please note that the total number of references for all members of the consortium combined should not exceed 10. Only references that have the required minimum commission value of EUR 200.000,00 will be assessed. Only references that have started and/or finished in the last 36 months (deadline: end of deadline for the submission of requests to participate) will be assessed. If a reference project satisfies both the minimum criteria and the weighted criteria, it will be counted for both assessments. Only reference projects will be assessed if the reference project description clearly explains why the reference meets the required technical eligibility criterion and makes it possible to clearly assign the reference to a required eligibility criterion (see self-declaration of eligibility). The maximum number of points that can be achieved per weighted criterion is 10 points. Weighted criteria for the selection of candidates: 1. PtL process engineering at FEL-3 level for two of the following three process pathways: FT, methanol or eSAF projects with an annual capacity above 50,000

t/year. 20% 2. Engineering (FEL-3) of gasification and methane reforming plants. (Provide references for one project each.) 15% 3. Engineering of carbon capture & conditioning systems and application of DAC systems 10% 4. EU RED regulation, RFNBO certification and GHG accounting 15% 5. EPC procurement strategy and EPC tender preparation for industrial projects 15% 6. Regional Experience in in Sub-Sahara Africa, South America, South-East Asia 15% 7. Experience of development projects (at least 50% ODA-financed) 10%

Criterion: References on specified services
Description of selection criterion: EN-B1: Technical and professional ability (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): 1. The technical assessment is only based on reference projects with a minimum commission value of 200.000,00 EUR. 2. At least 2 reference projects in the technical field Power-to-Liquid (PtL) plants (Methanol, Fischer-tropsch or eSAF routes) and at least 1 reference projects on PtX plants in Africa, Latin America or Asia in the last 36 months (deadline: Deadline for the submission of requests to participate).

Criterion: Average yearly turnover
Description of selection criterion: EN-C1: Economic and financial standing (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Average annual turnover for the last three years (last-but-four financial year can be included in case of tenders held within 6 months of end of last financial year) at least: 1.500.000,00 EUR

Criterion: Other economic or financial requirements
Description of selection criterion: EN-C2: Economic and financial standing (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Average number of employees and managers in the last three calendar years, at least 60 persons.

Criterion: References on specified services
Description of selection criterion: Assessment of technical eligibility / weighted criteria for the selection of candidates - If we receive more than 5 requests to participate, we will make a selection on the basis of the criteria laid out in the procurement documents and invite tenders only from the 5 candidates with the highest scores. We reserve the right to cancel the procurement procedure if we receive fewer than 3 requests to participate. If it is not possible to make a clear selection of up to 5 candidates for the tendering phase on the basis of the criteria listed in the procurement documents (e.g. if a number of candidates achieve the same overall eligibility score), we reserve the right to increase the maximum number of 5. More than the required number of references may be provided but the number of 10 references should not be exceeded. If you are participating in the procedure as part of a candidate/bidding consortium, please note that the total number of references for all members of the consortium combined should not exceed 10. Only references that have the required minimum commission value of EUR 200.000,00 will be assessed. Only references that have started and/or finished in the last 36 months (deadline: end of deadline for the submission of requests to participate) will be assessed. If a reference project satisfies both the minimum criteria and the weighted criteria, it will be counted for both assessments. Only reference projects will be assessed if the reference project description clearly explains why the reference meets the required technical eligibility criterion and makes it possible to clearly assign the reference to a required eligibility criterion (see self-declaration of eligibility). The maximum number of points that can be achieved per weighted criterion is 10 points. Weighted criteria for the selection of candidates: 1. PtL process engineering at FEL-3 level for two of the following three process pathways: FT, methanol or eSAF projects with an annual capacity above 50,000 t/year. 20% 2. Engineering

(FEL-3) of gasification and methane reforming plants. (Provide references for one project each.) 15% 3. Engineering of carbon capture & conditioning systems and application of DAC systems 10% 4. EU RED regulation, RFNBO certification and GHG accounting 15% 5. EPC procurement strategy and EPC tender preparation for industrial projects 15% 6. Regional Experience in in Sub-Sahara Africa, South America, South-East Asia 15% 7. Experience of development projects (at least 50% ODA-financed) 10%
The criteria will be used to select the candidates to be invited for the second stage of the procedure
Weight (percentage, exact): 100,00
Information about the second stage of a two-stage procedure:
Minimum number of candidates to be invited for the second stage of the procedure: 5
Maximum number of candidates to be invited for the second stage of the procedure: 5
The procedure will take place in successive stages. At each stage, some participants may be eliminated
The buyer reserves the right to award the contract on the basis of the initial tenders without any further negotiations

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English
Deadline for requesting additional information: 17/04/2026 23:59:59 (UTC+02:00) Eastern European Time, Central European Summer Time
Address of the procurement documents: https://ausschreibungen.giz.de/Satellite/notice/CXTRYY6YT73DRSSJ/documents
Ad hoc communication channel:
URL: https://ausschreibungen.giz.de/Satellite/notice/CXTRYY6YT73DRSSJ

5.1.12. Terms of procurement

Terms of the procedure:
Estimated date of dispatch of the invitations to submit tenders: 20/05/2026
Terms of submission:
Electronic submission: Required
Address for submission: https://ausschreibungen.giz.de/Satellite/notice/CXTRYY6YT73DRSSJ
Languages in which tenders or requests to participate may be submitted: English
Electronic catalogue: Not allowed
Variants: Not allowed
Tenderers may submit more than one tender: Not allowed
Deadline for receipt of requests to participate: 28/04/2026 12:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time
Information that can be supplemented after the submission deadline:
At the discretion of the buyer, some missing tenderer-related documents may be submitted later.
Additional information: GIZ asks the applicant or bidder to submit, complete or correct documents, within the framework laid down by law.
Terms of contract:
The execution of the contract must be performed within the framework of sheltered employment programmes: No
Conditions relating to the performance of the contract: The execution conditions result from the information given in the contract notice and the tender documents.
Electronic invoicing: Required
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: Vergabekammern des Bundes
Information about review deadlines: According to Article 160, Section 3 of the German Act Against Restraint of Competition (GWB), application for review is not permissible insofar as 1. the applicant has identified the claimed infringement of the procurement rules before submitting the application for review and has not submitted a complaint to the contracting authority within a period of 10 calendar days; the expiry of the period pursuant to Article 134, Section 2 remains unaffected, 2. complaints of infringements of procurement rules that are evident in the tender notice are not submitted to the contracting authority at the latest by the expiry of the deadline for the application or by the deadline for the submission of bids, specified in the tender notice. 3. complaints of infringements of procurement rules that first become evident in the tender documents are not submitted to the contracting authority at the latest by the expiry of the deadline for application or by the deadline for the submission of bids, 4. more than 15 calendar days have expired since receipt of notification from the contracting authority that it is unwilling to redress the complaint. Sentence 1 does not apply in the case of an application to determine the invalidity of the contract in accordance with Article 135, Section 1 (2). Article 134, Section 1, Sentence 2 remains unaffected.
Organisation providing additional information about the procurement procedure: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Organisation receiving requests to participate: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

8. Organisations

8.1. ORG-0001

Official name: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Registration number: 993-80072-52
Postal address: Dag-Hammarskjöld-Weg 1 - 5
Town: Eschborn
Postcode: 65760
Country subdivision (NUTS): Main-Taunus-Kreis (DE71A)
Country: Germany
Email: giz-vergabe@bho-legal.com
Telephone: 000
Fax: +49 6196791115
Internet address: https://www.giz.de
Roles of this organisation:
Buyer
Organisation providing additional information about the procurement procedure
Organisation receiving requests to participate

8.1. ORG-0002

Official name: Vergabekammern des Bundes

Registration number: 022894990
Postal address: Kaiser-Friedrich-Straße 16
Town: Bonn
Postcode: 53113
Country subdivision (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Country: Germany
Email: vk@bundeskartellamt.bund.de
Telephone: +49 2289499-0
Fax: +49 2289499-163
Internet address: https://www.bundeskartellamt.de
Roles of this organisation:
Review organisation

8.1. ORG-0003

Official name: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)
Registration number: 0204:994-DOEVD-83
Town: Bonn
Postcode: 53119
Country subdivision (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Country: Germany
Email: noreply.esender_hub@bescha.bund.de
Telephone: +49228996100
Roles of this organisation:
TED eSender

Notice information

Notice identifier/version: 3da6026b-dfa1-42a7-ad9f-db8b7f1e8429 - 01
Form type: Competition
Notice type: Contract or concession notice – standard regime
Notice subtype: 16
Notice dispatch date: 27/03/2026 08:55:54 (UTC+01:00) Central European Time, Western European Summer Time
Languages in which this notice is officially available: English
Notice publication number: 218454-2026
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