

218454-2026 - Konkurrensutsättning

Tyskland – Företags- och managementrådgivning samt tillhörande tjänster – 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
Meddelande om upphandling eller koncession – standardsystem
Tjänster

1. Upphandlare

1.1. Upphandlare

Officiellt namn: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
E-postadress: giz-vergabe@bho-legal.com
Köparens rättsliga status: Offentligt företag som kontrolleras av en statlig myndighet
Den upphandlande myndighetens verksamhet: Allmän offentlig förvaltning

2. Förfarande

2.1. Förfarande

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

Beskrivning: 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.

Förfarandets identifierare: 2f36ad11-0b26-4c1c-89e0-a022d3a1ab14

Intern identifierare: 10004174

Typ av förfarande: Förhandlat förfarande med föregående meddelande om upphandling/under konkurrens

Förfarandet är påskyndat: nej

2.1.1. Föremålet för upphandlingen

Kontraktets art: Tjänster

Huvudklassificering (cpv): 79400000 Företags- och managementrådgivning samt tillhörande tjänster

Ytterligare klassificering (cpv): 79411100 Konsulttjänster för företagsutveckling

2.1.2. Leveransplats

Land: Tyskland

Var som helst i det aktuella landet

2.1.4. Allmänna upplysningar

Kompletterande information: #Bekanntmachungs-ID: CXTRY6YT73DRSSJ# All communication takes place in English via communication tool in the project area of the procurement portal.

Rättslig grund:

Direktiv 2014/24/EU

vgv -

2.1.6. Uteslutningsgrunder

Källor till uteslutningsgrunder: Meddelande

Åsidosättande av skyldigheter som fastställts enligt nationella uteslutningsgrunder: In accordance with §§ 123,124 GWB, § 22 LkSG

Deltagande i en kriminell organisation: In accordance with §§ 123,124 GWB, § 22 LkSG

Terroristbrott eller brott med anknytning till terroristverksamhet: In accordance with §§ 123,124 GWB, § 22 LkSG

Penningtvätt eller finansiering av terrorism: In accordance with §§ 123,124 GWB, § 22 LkSG

Bedrägerier: In accordance with §§ 123,124 GWB, § 22 LkSG

Korruption: In accordance with §§ 123,124 GWB, § 22 LkSG

Barnarbete och andra former av människohandel: In accordance with §§ 123,124 GWB, § 22 LkSG

Åsidosättande av skyldigheten att betala skatter: In accordance with §§ 123,124 GWB, § 22 LkSG

Åsidosättande av skyldigheten att betala sociala avgifter: In accordance with §§ 123,124 GWB, § 22 LkSG

Åsidosättande av skyldigheter enligt miljölagstiftningen: In accordance with §§ 123,124 GWB, § 22 LkSG

Åsidosättande av skyldigheter enligt sociallagstiftningen: In accordance with §§ 123,124 GWB, § 22 LkSG

Åsidosättande av skyldigheter enligt arbetsrätten: In accordance with §§ 123,124 GWB, § 22 LkSG

Insolvens: In accordance with §§ 123,124 GWB, § 22 LkSG
Tvångsförvaltning: In accordance with §§ 123,124 GWB, § 22 LkSG
Avbruten näringsverksamhet: In accordance with §§ 123,124 GWB, § 22 LkSG
Situation som enligt nationell lagstiftning motsvarar konkurs: In accordance with §§ 123,124 GWB, § 22 LkSG
Allvarligt fel i yrkesutövningen: In accordance with §§ 123,124 GWB, § 22 LkSG
Avtal med andra ekonomiska aktörer med syfte att snedvrída konkurrensen: In accordance with §§ 123,124 GWB, § 22 LkSG
Intressekonflikt på grund av deltagande i upphandlingsförfarandet: In accordance with §§ 123,124 GWB, § 22 LkSG
Direkt eller indirekt deltagande i förberedelserna av detta upphandlingsförfarande: In accordance with §§ 123,124 GWB, § 22 LkSG
Förtida uppsägning, skadestånd eller andra jämförbara sanktioner: In accordance with §§ 123,124 GWB, § 22 LkSG
Har lämnat oriktiga uppgifter, har undanhållit information, kan inte förete de handlingar som krävs eller har tillägnat sig konfidentiell information om förfarandet: In accordance with §§ 123,124 GWB, § 22 LkSG

5. Del (anbudsområde)

5.1. Del (anbudsområde): LOT-0001

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

Beskrivning: 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.

Intern identifierare: 10004174

5.1.1. Föremålet för upphandlingen

Kontraktets art: Tjänster

Huvudklassificering (cpv): 79400000 Företags- och managementrådgivning samt tillhörande tjänster

Ytterligare klassificering (cpv): 79411100 Konsulttjänster för företagsutveckling

Optioner:

Beskrivning av alternativen: 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. Leveransplats

Land: Tyskland

Var som helst i det aktuella landet

5.1.3. Uppskattad löptid

Varaktighet: 20 Månader

5.1.4. Förlängning

Högst antal förlängningar: 2

Ytterligare information om förlängningar: 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. Allmänna upplysningar

Reserverad upphandling:

Deltagande är inte reserverat.

Namn på och yrkeskvalifikationer för den personal som ska utföra kontraktet måste anges:

Ska anges i anbudet

Upphandlingsprojekt som helt eller delvis finansieras med EU-medel

Upphandlingen omfattas av Världshandelsorganisationens avtal om offentlig upphandling, GPA
: ja

Upphandlingen är också lämplig för små och medelstora företag: ja

Kompletterande information: #Besonders auch geeignet für:other-sme#

5.1.7. Strategisk upphandling

Syftet med strategisk upphandling: Minskning av miljöpåverkan

Beskrivning: Environmental protection and climate action (climate change mitigation/adaptation

Syftet med strategisk upphandling: Främjande av social hållbarhet

Beskrivning: Safeguards and gender measures Environmental protection and climate action

Metod som ska minska miljöpåverkan: Begränsning av klimatförändringar, Förebyggande och begränsning av miljöföroreningar

Socialt mål som främjas: Jämställdhet mellan kvinnor och män, Tillbörlig aktsamhet i fråga om mänskliga rättigheter i globala leveranskedjor

5.1.9. Urvalskriterier

Källor till urvalskriterier: Meddelande

Kriterium: Andra ekonomiska eller finansiella krav

Beskrivning av urvalskriterium: EN-A1: Principles for the execution of orders (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): The eligibility 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)

Kriterium: Andra ekonomiska eller finansiella krav

Beskrivning av urvalskriterium: 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%

Kriterium: Referenser på angivna tjänster

Beskrivning av urvalskriterium: 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).

Kriterium: Genomsnittlig årlig omsättning

Beskrivning av urvalskriterium: 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

Kriterium: Andra ekonomiska eller finansiella krav

Beskrivning av urvalskriterium: 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.

Kriterium: Referenser på angivna tjänster

Beskrivning av urvalskriterium: 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%

Kriterierna kommer att användas för att välja anbudssökande som bjuds in att delta i det andra steget i förfarandet

Viktning (procentandel, exakt): 100,00

Information om det andra steget i ett förfarande med två steg:

Minsta antalet anbudssökande som inbjuds att delta i andra steget i förfarandet: 5

Högsta antalet anbudssökande som inbjuds att delta i andra steget i förfarandet: 5

Förfarandet kommer att äga rum i på varandra följande steg. I varje steg kan några deltagare komma att uteslutas

Köparen förbehåller sig rätten att tilldela kontraktet på grundval av de ursprungliga anbuderna utan ytterligare förhandlingar

5.1.11. Upphandlingsdokument

Språk som upphandlingsdokumenten är officiellt tillgängliga på: engelska

Sista dag för att begära kompletterande information: 17/04/2026 23:59:59 (UTC+02:00)

Östeuropeisk tid / centraleuropeisk sommartid

Adress till upphandlingsdokumenten: <https://ausschreibungen.giz.de/Satellite/notice/CXTRY6YT73DRSSJ/documents>

Ad hoc-kommunikationskanal:

URL: <https://ausschreibungen.giz.de/Satellite/notice/CXTRY6YT73DRSSJ>

5.1.12. Upphandlingsvillkor

Villkor för förfarandet:

Beräknat datum för avsändning av inbjudan att lämna anbud: 20/05/2026

Villkor för inlämning:

Elektronisk inlämning: Krävs

Adress för inlämning: <https://ausschreibungen.giz.de/Satellite/notice/CXTRY6YT73DRSSJ>

De språk som kan användas i anbuderna eller anbudsansökningarna: engelska

Elektronisk katalog: Ej tillåten

Alternativa anbud: Ej tillåten

Anbudsgivare får lämna in fler än ett anbud: Ej tillåten

Tidsfrist för mottagande av anbudsansökningar: 28/04/2026 12:00:00 (UTC+02:00)

Östeuropeisk tid / centraleuropeisk sommartid

Information som kan kompletteras efter det att inlämningsfristen har löpt ut:

Viss saknad information om leverantören kan kompletteras efter det att inlämningsfristen har löpt ut.

Kompletterande information: GIZ asks the applicant or bidder to submit, complete or correct documents, within the framework laid down by law.

Kontraktsvillkor:

Kontraktet måste genomföras inom ramen för program för skyddad anställning: Nej

Villkor som gäller genomförandet av kontraktet: The execution conditions result from the information given in the contract notice and the tender documents.

Elektronisk fakturering: Krävs

Elektronisk beställning kommer att användas: ja

Elektronisk betalning kommer att användas: ja

5.1.15. Metoder

Ramavtal:

Upphandlingen avser inte ett ramavtal

Information om det dynamiska inköpssystemet:

Upphandlingen avser inte ett dynamiskt inköpssystem

5.1.16. Kompletterande information, medling och prövning

Prövningsorganisation: Vergabekammern des Bundes

Information om tidsfrist för prövning: 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 som ger kompletterande information om upphandlingsförfarandet: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Organisation som mottar anbudsansökningar: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

8. Organisationer

8.1. ORG-0001

Officiellt namn: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Registreringsnummer: 993-80072-52

Postadress: Dag-Hammarskjöld-Weg 1 - 5

Ort: Eschborn

Postnummer: 65760

Del av land (NUTS): Main-Taunus-Kreis (DE71A)

Land: Tyskland

E-postadress: giz-vergabe@bho-legal.com

Tfn: 000

Fax: +49 6196791115

Webbadress: <https://www.giz.de>

Den här organisationens roller:

Upphandlare

Organisation som ger kompletterande information om upphandlingsförfarandet
Organisation som mottar anbudsansökningar

8.1. **ORG-0002**

Officiellt namn: Vergabekammern des Bundes
Registreringsnummer: 022894990
Postadress: Kaiser-Friedrich-Straße 16
Ort: Bonn
Postnummer: 53113
Del av land (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Land: Tyskland
E-postadress: vk@bundeskartellamt.bund.de
Tfn: +49 2289499-0
Fax: +49 2289499-163
Webbadress: <https://www.bundeskartellamt.de>

Den här organisationens roller:

Prövningsorganisation

8.1. **ORG-0003**

Officiellt namn: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)
Registreringsnummer: 0204:994-DOEVD-83
Ort: Bonn
Postnummer: 53119
Del av land (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Land: Tyskland
E-postadress: noreply.esender_hub@bescha.bund.de
Tfn: +49228996100

Den här organisationens roller:

TED eSender

Information om meddelandet

Identifierare/version för meddelandet: 3da6026b-dfa1-42a7-ad9f-db8b7f1e8429 - 01
Formulärtyp: Konkurrensutsättning
Meddelandetyp: Meddelande om upphandling eller koncession – standardsystem
Meddelandets undertyp: 16
Avsändningsdatum för meddelandet: 27/03/2026 08:55:54 (UTC+01:00) Centraleuropeisk tid / västeuropeisk sommartid
Språk som det här meddelandet finns officiellt tillgängligt på: engelska
Meddelandets publiceringsnummer: 218454-2026
EUT S-nummer: 62/2026
Publiceringsdatum: 30/03/2026