

218454-2026 - Mise en concurrence

Allemagne – Conseil en affaires et en gestion et services connexes – 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

Avis de marché ou de concession – régime ordinaire

Services

1. Acheteur

1.1. Acheteur

Nom officiel: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Adresse électronique: giz-vergabe@bho-legal.com

Forme juridique de l'acheteur: Entreprise publique, contrôlée par une autorité publique centrale

Activité du pouvoir adjudicateur: Services d'administration générale

2. Procédure

2.1. Procédure

Titre: 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.

Identifiant de la procédure: 2f36ad11-0b26-4c1c-89e0-a022d3a1ab14

Identifiant interne: 10004174

Type de procédure: Négociée avec publication préalable d'un appel à la concurrence / concurrentielle avec négociation

La procédure est accélérée: non

2.1.1. Objet

Nature principale du marché: Services

Nomenclature principale (cpv): 79400000 Conseil en affaires et en gestion et services connexes

Nomenclature complémentaire (cpv): 79411100 Services de conseil en développement des entreprises

2.1.2. Lieu d'exécution

Pays: Allemagne

N'importe où dans le pays donné

2.1.4. Informations générales

Informations complémentaires: #Bekanntmachungs-ID: CXTRYY6YT73DRSSJ# All communication takes place in English via communication tool in the project area of the procurement portal.

Base juridique:

Directive 2014/24/UE

vgv -

2.1.6. Motifs d'exclusion

Sources des motifs d'exclusion: Avis

Manquement à des obligations liées à des motifs d'exclusion purement nationaux: In accordance with §§ 123,124 GWB, § 22 LkSG

Participation à une organisation criminelle: In accordance with §§ 123,124 GWB, § 22 LkSG

Infractions terroristes ou infractions liées aux activités terroristes: In accordance with §§ 123,124 GWB, § 22 LkSG

Blanchiment de capitaux ou financement du terrorisme: In accordance with §§ 123,124 GWB, § 22 LkSG

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

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

Travail des enfants et autres formes de traite des êtres humains: In accordance with §§ 123,124 GWB, § 22 LkSG

Manquement à l'obligation relative au paiement d'impôts et taxes: In accordance with §§ 123,124 GWB, § 22 LkSG

Manquement à l'obligation relative au paiement de cotisations de sécurité sociale: In accordance with §§ 123,124 GWB, § 22 LkSG

Manquement aux obligations dans le domaine du droit environnemental: In accordance with §§ 123,124 GWB, § 22 LkSG

Manquement aux obligations dans le domaine du droit social: In accordance with §§ 123,124 GWB, § 22 LkSG

Manquement aux obligations dans le domaine du droit du travail: In accordance with §§ 123,124 GWB, § 22 LkSG

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

Biens administrés par un liquidateur: In accordance with §§ 123,124 GWB, § 22 LkSG

État de cessation d'activités: In accordance with §§ 123,124 GWB, § 22 LkSG

Situation analogue à la faillite prévue dans la législation nationale: In accordance with §§ 123,124 GWB, § 22 LkSG

Faute professionnelle grave: In accordance with §§ 123,124 GWB, § 22 LkSG

Accords avec d'autres opérateurs économiques en vue de fausser la concurrence: In accordance with §§ 123,124 GWB, § 22 LkSG

Conflit d'intérêt créé par sa participation à la procédure de passation de marché: In accordance with §§ 123,124 GWB, § 22 LkSG

Association directe ou indirecte à la préparation de cette procédure de passation de marché: In accordance with §§ 123,124 GWB, § 22 LkSG

Résiliation, dommages et intérêts ou autres sanctions comparables: In accordance with §§ 123,124 GWB, § 22 LkSG

Faussees déclarations, dissimulation d'informations, incapacité de présenter les documents requis ou obtention d'informations confidentielles sur cette procédure: In accordance with §§ 123,124 GWB, § 22 LkSG

5. Lot

5.1. Lot: LOT-0001

Titre: 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.

Identifiant interne: 10004174

5.1.1. Objet

Nature principale du marché: Services

Nomenclature principale (cpv): 79400000 Conseil en affaires et en gestion et services connexes

Nomenclature complémentaire (cpv): 79411100 Services de conseil en développement des entreprises

Options:

Description des 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. Lieu d'exécution

Pays: Allemagne

N'importe où dans le pays donné

5.1.3. Durée estimée

Durée: 20 Mois

5.1.4. Reconduction

Nombre maximum de reconductions: 2

Autres informations sur le renouvellement: 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. Informations générales

Participation réservée:

La participation n'est pas réservée.

Les noms et les qualifications professionnelles du personnel chargé de l'exécution du marché doivent être mentionnés: Exigence dans l'offre

Projet de passation de marché financé en totalité ou en partie par des fonds de l'UE

Le marché relève de l'accord sur les marchés publics (AMP): oui

Le marché en question convient aussi aux petites et moyennes entreprises (PME): oui

Informations complémentaires: #Besonders auch geeignet für:other-sme#

5.1.7. Marché public stratégique

Objectif du marché public stratégique: Réduction des incidences sur l'environnement

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

Objectif du marché public stratégique: Réalisation d'objectifs sociaux

Description: Safeguards and gender measures Environmental protection and climate action

Méthode utilisée pour réduire l'incidence environnementale: L'atténuation du changement climatique, La prévention et la réduction de la pollution

Objectif social promu: Égalité hommes-femmes, Devoir de diligence en matière de droits de l'homme dans les chaînes d'approvisionnement mondiales

5.1.9. Critères de sélection

Sources des critères de sélection: Avis

Critère: Autres exigences économiques ou financières

Description du critère de sélection: 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)

Critère: Autres exigences économiques ou financières

Description du critère de sélection: 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%

Critère: Références sur des services spécifiés

Description du critère de sélection: 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).

Critère: Chiffre d'affaires annuel moyen

Description du critère de sélection: 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

Critère: Autres exigences économiques ou financières

Description du critère de sélection: 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.

Critère: Références sur des services spécifiés

Description du critère de sélection: 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%

Les critères seront appliqués pour sélectionner les candidats à inviter pour la seconde étape de la procédure

Pondération (pourcentage, valeur exacte): 100,00

Informations sur la seconde étape d'une procédure en deux étapes:

Nombre minimal de candidats à inviter pour la seconde étape de la procédure: 5

Nombre maximal de candidats à inviter pour la seconde étape de la procédure: 5

La procédure se déroulera en plusieurs étapes. À chaque étape, certains candidats peuvent être éliminés

L'acheteur se réserve le droit d'attribuer le marché sur la base des offres initiales sans mener de négociations

5.1.11. Documents de marché

Langues dans lesquelles les documents de marché sont officiellement disponibles: anglais

Date limite de demande d'informations complémentaires: 17/04/2026 23:59:59 (UTC+02:00)

Heure de l'Europe orientale, heure d'été de l'Europe centrale

Adresse des documents de marché: <https://ausschreibungen.giz.de/Satellite/notice/CXTRY6YT73DRSSJ/documents>

Canal de communication ad hoc:

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

5.1.12. Conditions du marché public

Conditions de la procédure:

Date d'envoi estimée des invitations à soumissionner: 20/05/2026

Conditions de soumission:

Soumission par voie électronique: Requise

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

Langues dans lesquelles les offres ou demandes de participation/candidatures peuvent être présentées: anglais

Catalogue électronique: Non autorisée

Variantes: Non autorisée

Les soumissionnaires peuvent présenter plusieurs offres: Non autorisée

Date limite de réception des demandes de participation/candidatures: 28/04/2026 12:00:00 (UTC+02:00) Heure de l'Europe orientale, heure d'été de l'Europe centrale

Informations qui peuvent être complétées après la date limite de réception des offres:

À la discrétion de l'acheteur, certains documents manquants relatifs au soumissionnaire peuvent être transmis ultérieurement.

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

Conditions du marché:

Le contrat doit être exécuté dans le cadre de programmes d'emplois protégés: Non
Conditions relatives à l'exécution du contrat: The execution conditions result from the information given in the contract notice and the tender documents.

Facturation électronique: Requise

La commande en ligne sera utilisée: oui

Le paiement électronique sera utilisé: oui

5.1.15. Techniques

Accord-cadre:

Pas d'accord-cadre

Informations sur le système d'acquisition dynamique:

Pas de système d'acquisition dynamique

5.1.16. Informations complémentaires, médiation et recours

Organisation chargée des procédures de recours: Vergabekammern des Bundes
Description des délais d'introduction des procédures de recours: 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 qui fournit des informations complémentaires sur la procédure de passation de marché: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Organisation qui reçoit les demandes de participation/candidatures: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

8. Organisations

8.1. ORG-0001

Nom officiel: Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Numéro d'enregistrement: 993-80072-52

Adresse postale: Dag-Hammarskjöld-Weg 1 - 5

Ville: Eschborn

Code postal: 65760

Subdivision pays (NUTS): Main-Taunus-Kreis (DE71A)

Pays: Allemagne

Adresse électronique: giz-vergabe@bho-legal.com

Téléphone: 000
Télécopieur: +49 6196791115
Adresse internet: <https://www.giz.de>

Rôles de cette organisation:

Acheteur

Organisation qui fournit des informations complémentaires sur la procédure de passation de marché

Organisation qui reçoit les demandes de participation/candidatures

8.1. ORG-0002

Nom officiel: Vergabekammern des Bundes

Numéro d'enregistrement: 022894990

Adresse postale: Kaiser-Friedrich-Straße 16

Ville: Bonn

Code postal: 53113

Subdivision pays (NUTS): Bonn, Kreisfreie Stadt (DEA22)

Pays: Allemagne

Adresse électronique: vk@bundeskartellamt.bund.de

Téléphone: +49 2289499-0

Télécopieur: +49 2289499-163

Adresse internet: <https://www.bundeskartellamt.de>

Rôles de cette organisation:

Organisation chargée des procédures de recours

8.1. ORG-0003

Nom officiel: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)

Numéro d'enregistrement: 0204:994-DOEVD-83

Ville: Bonn

Code postal: 53119

Subdivision pays (NUTS): Bonn, Kreisfreie Stadt (DEA22)

Pays: Allemagne

Adresse électronique: noreply.esender_hub@bescha.bund.de

Téléphone: +49228996100

Rôles de cette organisation:

TED eSender

Informations relatives à l'avis

Identifiant/version de l'avis: 3da6026b-dfa1-42a7-ad9f-db8b7f1e8429 - 01

Type de formulaire: Mise en concurrence

Type d'avis: Avis de marché ou de concession – régime ordinaire

Sous-type d'avis: 16

Date d'envoi de l'avis: 27/03/2026 08:55:54 (UTC+01:00) Heure de l'Europe centrale, heure d'été de l'Europe occidentale

Langues dans lesquelles l'avis en question est officiellement disponible: anglais

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