

345241-2026 - Mise en concurrence

Allemagne – Explosifs préparés – Design and manufacturing of planar wave generators for PRIOR-II shock-wave experiments

OJ S 96/2026 20/05/2026

Avis de marché ou de concession – régime ordinaire

Fournitures

1. Acheteur

1.1. Acheteur

Nom officiel: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Adresse électronique: proekf35@gsi.de

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

Activité du pouvoir adjudicateur: Enseignement

2. Procédure

2.1. Procédure

Titre: Design and manufacturing of planar wave generators for PRIOR-II shock-wave experiments

Description: Simulation, design, fabrication, characterization, and certification of 22 planar shock-wave generators for experiments with the PRIOR-II proton microscope for FAIR.

Identifiant de la procédure: f5c7b28e-0b49-43dc-8920-661911837e0e

Identifiant interne: 35F/2600037239FAIR

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: Fournitures

Nomenclature principale (cpv): 24610000 Explosifs préparés

2.1.2. Lieu d'exécution

Adresse postale: Planckstr. 1

Ville: Darmstadt

Code postal: 64291

Subdivision pays (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Pays: Allemagne

2.1.4. Informations générales

Informations complémentaires: #Bekanntmachungs-ID: CXS0YYEYTV3FKKRX#

Communication with Candidates takes place via the DTVP's tender platform. Questions must be sent to FAIR via DTVP and will be answered via DTVP. Questions posed orally or by telephone regarding the documents or the contractual object will not be answered; answers given orally or by telephone are not binding. The only form of submission of participation applications accepted by Awarding Authority is in writing, electronically. Note: In Writing, Electronically. Evaluation Criteria: 30% Price, 70% Performance. Criteria: 40% Design parameters to be achieved in hydrodynamic simulation (initial proposal) (30% Planarity of flyer plate, 30% Tilt angle, 20% Utilization of the HE quantity limit, 20% Configurations for different

velocities), 30% Performance & timing characterization of the HE generators (70% General characterization approach & methodology (accuracy), 30% Location of generator characterization), 20% Provision (50% Provision of the generators, 50% BAM certification of the generators), 10% Overall Concept Participation applications shall be submitted electronically within the deadline via the German awarding platform DTVP. URL: <http://www.dtyp.de/Center/> The forms and other documents to be completed, provided by FAIR, may be - either completed on the online tendering tool under the section "Documents to Be Completed" or - created and compiled separately by Candidate together with the other components of the participation application or tender (concepts or explanations etc.), then uploaded under the heading "Own Documents". However, Candidates should not fill in the forms online and upload them again separately, as this can result in transmission errors and increases the workload on both sides. In order to comply with the text form (in writing) according to § 126b BGB [transl.: German Civil Code] when submitting participation applications, Candidates must provide the following information: - In the case of natural persons, the full name (first name and surname) must be given (name of the declaring person in the participation application form). - In the case of legal entities and commercial companies and corporations, the name of the company and its legal form must be stated. In addition, the full name of the employee who is submitting the participation application on behalf of the company (name of the declaring person in the participation application form) must be stated. The insertion of a company logo is not sufficient. - In the case of Bidding Consortia, the declaring person according to § 126b BGB shall be the employee of the leading member who submits the participation application on behalf of the Bidding Consortium; besides, the form "Bidding Consortium Declaration" must be submitted. It should be noted that in the case of electronic submission, the text form according to § 126b BGB is only observed if the participation applications are transmitted in encrypted form via the awarding platform (cf. information on eVergabe). Submitting the participation application via email is not sufficient. In the case of incorrect/ incomplete information that violates the aforementioned formal requirements, participation applications will be excluded unless Candidate cannot be held responsible (§ 57 para. 1 nr. 1, para. 3 VgV).

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: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Participation à une organisation criminelle: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Infractions terroristes ou infractions liées aux activités terroristes: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Blanchiment de capitaux ou financement du terrorisme: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Fraude: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Corruption: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Travail des enfants et autres formes de traite des êtres humains: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Manquement à l'obligation relative au paiement d'impôts et taxes: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Manquement à l'obligation relative au paiement de cotisations de sécurité sociale: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Manquement aux obligations dans le domaine du droit environnemental: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Manquement aux obligations dans le domaine du droit social: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Manquement aux obligations dans le domaine du droit du travail: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Insolvabilité: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Biens administrés par un liquidateur: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

État de cessation d'activités: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Situation analogue à la faillite prévue dans la législation nationale: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Faute professionnelle grave: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Accords avec d'autres opérateurs économiques en vue de fausser la concurrence: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Conflit d'intérêt créé par sa participation à la procédure de passation de marché: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Association directe ou indirecte à la préparation de cette procédure de passation de marché: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Résiliation, dommages et intérêts ou autres sanctions comparables: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

Fausse déclarations, dissimulation d'informations, incapacité de présenter les documents requis ou obtention d'informations confidentielles sur cette procédure: Please see FAIR Form Suitability: self-declaration of suitability in accordance with Sections 123, 124 GWB as part of the suitability documents submitted by the company.

5. Lot

5.1. Lot: LOT-0001

Titre: Design and manufacturing of planar wave generators for PRIOR-II shock-wave experiments

Description: 22 planar shock-wave generators with an option of 6 further planar shock-wave generators

Identifiant interne: 35F/2600037239FAIR

5.1.1. Objet

Nature principale du marché: Fournitures

Nomenclature principale (cpv): 24610000 Explosifs préparés

Options:

Description des options: 6 further planar shock-wave generators

5.1.2. Lieu d'exécution

Adresse postale: Planckstr. 1

Ville: Darmstadt

Code postal: 64291

Subdivision pays (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Pays: Allemagne

5.1.3. Durée estimée

Autre durée: Inconnu

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: Non requises

Projet de passation de marché non financé 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:selbst#, #Besonders auch geeignet für:other-sme#

5.1.7. Marché public stratégique

Objectif du marché public stratégique: Réalisation d'objectifs sociaux

Description: See form Suitability Planar wave generators: 1.2 Self-Declaration of Suitability under Sections 123, 124 ARC

Objectif social promu: Conditions de travail équitables

5.1.9. Critères de sélection

Sources des critères de sélection: Avis

Critère: Autres exigences économiques ou financières

Description du critère de sélection: Bidder Consortium Declaration (Mit dem Teilnahmeantrag; Mittels Dritterklärung): BGB company with joint and several liability with listing of all members and their authorised representatives incl. naming of an authorised representative who shall represent the consortium in a legally binding manner vis-à-vis the Contracting authority. The tender must be accompanied by a legally binding declaration signed by all joint members that the lead firm, as authorised representative, represents the joint members listed before the Contracting authority and is jointly and severally liable, having an effect on each member, for performing the service in accordance with the contract.

Critère: Ratio financier

Description du critère de sélection: Company Profile - information on total turnover and performance-related turnover (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Statement of the company's total turnover and turnover relating to the specific type of service that is the subject of the contract, in each case for the last three financial years.

Critère: Proportion de sous-traitance

Description du critère de sélection: Declaration of Availability (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Only to be completed in parallel with the "Sub-contractor Declaration" and signed by the sub-contractor if partial services are to be passed on to sub-contractors (performance by sub-contractor) or if the applicant/bidder is using a sub-contractor to demonstrate suitability (hired competence - see Sub-contractor form). In the event that more than one sub-contractor is being used, several copies of this form should be filled out. One declaration of commitment should be submitted per sub-contractor.

Critère: Autres exigences économiques ou financières

Description du critère de sélection: Further bidder information (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): In the context of the introduction of new stipulations for EU-wide tendering procedures (so-called eForms), public clients have been required since 25 October 2023 to publish the contractor information listed in any contract notices (previously contract award notices). Against this backdrop, must be provided for each bidder and each member of a bidding consortium the information listed on the relevant form with the proposal or the participation application in the case of a preliminary participation contest.

Critère: Techniciens ou organismes techniques pour effectuer le travail

Description du critère de sélection: Proof on technical qualification (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): see form

Critère: Références sur des livraisons spécifiées

Description du critère de sélection: Reference(s) (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): We expect at least 1 reference project performing similar hydrodynamic simulations and geometric charge designs in-house as part of a different project. This can be in the form of a publication or another order.

Critère: Sécurité pour traiter, stocker et transmettre des informations classifiées

Description du critère de sélection: Self-Declaration Data Protection Requirements (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Declaration of Compliance with Data Protection Requirements.

Critère: Autres exigences économiques ou financières

Description du critère de sélection: Self-Declaration on Regulation (EU) 833/2014 (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): On 08.04.2022, the Council of the European Union adopted Regulation (EU) 2022/576 amending Regulation (EU) No 833/2014 concerning restrictive measures in view of Russia's actions destabilising the situation in Ukraine. This entered into force on 09.04.2022. As a regulation, it has direct legal effect in the member states and has a direct impact on the award of public contracts and concessions.

Critère: Proportion de sous-traitance

Description du critère de sélection: Sub-contractor Declaration (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Only to be completed if partial services are to be passed on to sub-contractors or if the applicant/bidder is using a sub-contractor to demonstrate suitability. In this case, this must be submitted with the request to participate/the offer. A declaration of availability (see Declaration of Availability form) from the sub-contractor must also be submitted with the request to participate/the offer in case of hired competence. In case of partial performance by the sub-contractor, the declaration will be requested before the award of the contract.

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

Nombre minimal de candidats à inviter pour la seconde étape de la procédure: 3

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

5.1.10. Critères d'attribution

Critère:

Type: Prix

Nom: Preis

Description: Price criteria for "Preis-Quotient-Methode"

Catégorie du critère d'attribution poids: Pondération (points, valeur exacte)

Nombre critère d'attribution: 30

Critère:

Type: Qualité

Nom: Design parameters to be achieved in hydrodynamic simulation (initial proposal)

Description: Design parameters to be achieved in hydrodynamic simulation (initial proposal)

Catégorie du critère d'attribution poids: Pondération (points, valeur exacte)

Nombre critère d'attribution: 28

Critère:

Type: Qualité

Nom: Performance & timing characterization of the HE generators

Description: Performance & timing characterization of the HE generators

Catégorie du critère d'attribution poids: Pondération (points, valeur exacte)

Nombre critère d'attribution: 21

Critère:

Type: Qualité

Nom: provision

Description: provision

Catégorie du critère d'attribution poids: Pondération (points, valeur exacte)

Nombre critère d'attribution: 14

Critère:

Type: Qualité

Nom: Overall concept

Description: Thoroughness of the specific details provided in the proposal regarding the identification of additional complications and the resulting solutions, as well as the level of detail in the proposed solutions

Catégorie du critère d'attribution poids: Pondération (points, valeur exacte)

Nombre critère d'attribution: 7

5.1.11. Documents de marché

Langues dans lesquelles les documents de marché sont officiellement disponibles: anglais
Date limite de demande d'informations complémentaires: 11/06/2026 23:59:59 (UTC+02:00)
Heure de l'Europe orientale, heure d'été de l'Europe centrale
Adresse des documents de marché: <https://www.dtv.de/Satellite/notice/CXS0YYEYTV3FKKRX/documents>
Canal de communication ad hoc:
URL: <https://www.dtv.de/Satellite/notice/CXS0YYEYTV3FKKRX>

5.1.12. Conditions du marché public

Conditions de la procédure:

Date d'envoi estimée des invitations à soumissionner: 22/06/2026

Conditions de soumission:

Soumission par voie électronique: Requête

Adresse de soumission: <https://www.dtv.de/Satellite/notice/CXS0YYEYTV3FKKRX>

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

Catalogue électronique: Non autorisée

Variante: Non autorisée

Les soumissionnaires peuvent présenter plusieurs offres: Non autorisée

Description de la garantie financière: If advance payments are required within the framework of a contract to be concluded (down payments), these will only be paid upon presentation of an unlimited, directly enforceable bank guarantee. FAIR only accepts guarantees that comply with the following minimum conditions: - directly enforceable guarantees waiving the defense of §§ 770, 771 BGB - exclusively guarantees in accordance with German law - irrevocable guarantees - free of charge for FAIR - issued by a reputable international, preferably European bank - usually for an indefinite period or a period linked to the date of transfer of ownership
Date limite de réception des demandes de participation/candidatures: 19/06/2026 10:00:00 (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, tous les documents manquants relatifs au soumissionnaire peuvent être transmis ultérieurement.

Informations complémentaires: GSI/FAIR reserves the right to make a one-off additional request for documents within a period to be specified in the additional request letter in accordance with § 56 VgV. However, applicants cannot rely on a subsequent request. Ultimately incomplete requests to participate will be excluded (§ 57 Para. 1 No. 2, Para. 3 VgV).

Conditions du marché:

Le contrat doit être exécuté dans le cadre de programmes d'emplois protégés: Non

Conditions relatives à l'exécution du contrat: Supporting documents: * The participation request ** By means of self-declaration: - Request to Participate for 35F/2600037239FAIR - Design and manufacturing of planar wave generators for PRIOR-II shock-wave experiments: General declaration of the person making the declaration within the meaning of Section 126b BGB (German Civil Code -BGB). If the person making the declaration is not named in the request to participate, the request to participate will be deemed to have not been submitted. - Self-Declaration MiLoG: Declaration as per Section 19 (3) MiLoG - Self-declaration of suitability under Sections 123, 124 ARC: Self-declaration of possessing the knowledge pursuant to Sections 123, 124 GWB is incorrect and that the cases mentioned therein do not apply.

Facturation électronique: Autorisée

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: Vergabekammer des Bundes

Description des délais d'introduction des procédures de recours: The competent reviewing authority is Vergabekammer des Bundes [transl.: Federal Public Procurement Tribunal]

Villemombler Straße 76 53123 Bonn Tel.: 0228 9499-0 Fax: 0228 9499-163 Email:

vk@bundeskartellamt.bund.de Website: [http://www.bundeskartellamt.de/SharedDocs](http://www.bundeskartellamt.de/SharedDocs/KontaktDaten/DE/Vergabekammern.html)

[/KontaktDaten/DE/Vergabekammern.html](http://www.bundeskartellamt.de/SharedDocs/KontaktDaten/DE/Vergabekammern.html) Candidate/ Bidder is requested to clearly identify those sections of the participation application (and eventually of the tender, if applicable) that contain a trade or business secret. If Bidder fails to do so, the Public Procurement Tribunal may, in the case of a review procedure, assume that Bidder has agreed to have these documents inspected (§165 para. 3 GWB). As Awarding Authority, FAIR is obliged to make the tender file available to the Public Procurement Tribunal immediately when initiating a review procedure (§ 163 para. 2 cl. 3 GWB). Candidates/ Bidders have a right to expect the contracting authority's compliance with the Bidder-protecting provisions re: the tender procedure (§ 97 para. 6 GWB). If Candidate/ Bidder interested in the contract considers that Bidder's rights have been infringed through failure to comply with award regulations, the infringement must be reported to FAIR within ten calendar days (§ 160 para. 3 cl. 1 nr. 1 GWB). Infringements identifiable on the basis of the announcement or the award documents must be asserted against FAIR within the deadline for submission of applications (or tenders) specified in the announcement (§ 160 para. 3 cl. 1 nr. 2 - 3 GWB). If FAIR informs Candidate/ Bidder that FAIR is unwilling to redress its complaint, it is possible to file an appeal for review with the aforementioned Public Procurement Tribunal within 15 days of receipt of the notification (§ 160 para. 3 cl. 1 nr. 4 GWB). Bidders whose tenders are not to be considered for the award will be informed prior to the award according to § 134 GWB. A contract may only be concluded 15 calendar days after this information has been sent by FAIR. In the case of transmission by fax or electronic means, this period shall be ten calendar days. It commences on the day after dispatch of the information by FAIR. After this period has expired, a surcharge is possible, even if the deadline is not passed according to § 160 para. 3 GWB. An application for review would therefore have to be delivered to FAIR by the Public Procurement Tribunal before the expiry of the deadline according to § 134 GWB in order to prevent a surcharge. According to § 135 para. 1 and 2 GWB, the ineffectiveness of a commission can only be established if it has been asserted in the review procedure within 30 calendar days of the conclusion of the contract but not later than six months after the conclusion of the contract. If the contracting entity has published the award in Amtsblatt der Europäischen Union [transl.: Official Journal of the European Union], the period un-enforceability shall end 30 calendar days after announcement of the publication of the award in Amtsblatt der Europäischen Union. Information pursuant to Art. 13 GDPR on the processing of your personal data within the scope of our business relationship is available at: www.gsi.de/data-protection FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Organisation qui fournit des informations complémentaires sur la procédure de passation de marché: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Organisation qui fournit des précisions concernant l'introduction des recours: Vergabekammer des Bundes

Organisation qui reçoit les demandes de participation/candidatures: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

8. Organisations

8.1. ORG-0001

Nom officiel: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Numéro d'enregistrement: DE 275 595 927

Adresse postale: Planckstr. 1

Ville: Darmstadt

Code postal: 64291

Subdivision pays (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Pays: Allemagne

Adresse électronique: proekf35@gsi.de

Téléphone: +49 0615971-1998

Adresse internet: <http://www.fair-center.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: Vergabekammer des Bundes

Numéro d'enregistrement: 022894990

Adresse postale: Villemomblerstr. 76

Ville: Bonn

Code postal: 53123

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

Pays: Allemagne

Point de contact: Vergabekammer des Bundes

Adresse électronique: vk@bundeskartellamt.bund.de

Téléphone: +49 22894990

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

Rôles de cette organisation:

Organisation chargée des procédures de recours

Organisation qui fournit des précisions concernant l'introduction des 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: 6c55fe2e-3d44-4fa4-9ff3-522e1edc80aa - 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: 19/05/2026 12:46:57 (UTC+02:00) Heure de l'Europe orientale, heure d'été de l'Europe centrale

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

Numéro de publication de l'avis: 345241-2026

Numéro de publication au JO S: 96/2026

Date de publication: 20/05/2026