

636658-2026 - Mededinging

Duitsland – Instrumenten voor het meten van elektrische hoeveelheden – Development and Series Production of Current-to-Frequency Converters for SIS100

OJ S 179/2026 16/09/2026

Aankondiging van een opdracht of concessie – standaardregeling

Leveringen

1. Koper

1.1. Koper

Officiële naam: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

E-mail: proekf32@gsi.de

Rechtsvorm van de koper: Overheidsonderneming onder zeggenschap van een centrale overheidsinstantie

Activiteit van de aanbestedende dienst: Onderwijs

2. Procedure

2.1. Procedure

Titel: Development and Series Production of Current-to-Frequency Converters for SIS100

Beschrijving: The international research facility FAIR (Facility for Antiproton and Ion Research) is currently under construction at the GSI Helmholtz Centre for Heavy Ion Research. This project requires numerous different types of detectors for beam diagnostics, including ionization chambers and secondary electron emission monitors. A key component of the design for these detector types is the current-to-frequency converter (IFC), which is used to measure current signals in the nano- and microampere range. The required systems are distributed across the various accelerator facilities on the FAIR campus. Prototype versions of the IFCs have been in use at GSI for some time. As part of this call for proposals, the IFC hardware is to be gradually further developed for the FAIR parameters and, in a second step, produced in series. Under this call for proposals, the IFC hardware is to be further developed in stages to meet the FAIR parameters and, in a second phase, put into mass production. The IFC devices including power supply crates are to be offered in accordance with the specifications.

Identificatiecode van de procedure: 899ddf62-ddda-46d6-ad39-2d3e333cecd7

Interne identificatiecode: 32/2600039531FAIR

Type procedure: Openbaar

De procedure wordt versneld: neen

2.1.1. Doel

Aard van het contract: Leveringen

Belangrijkste classificatie (cpv): 38341300 Instrumenten voor het meten van elektrische hoeveelheden

2.1.2. Plaats van uitvoering

Postadres: Planckstr. 1

Stad: Darmstadt

Postcode: 64291

Onderverdeling land (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Land: Duitsland

2.1.4. Algemene informatie

Aanvullende informatie: #Bekanntmachungs-ID: CXS0YYEDYYS4RPK9# The procurement documents are made available electronically at www.dtv.de and can be downloaded there after free registration. The contracting authority accepts bids exclusively in electronic form in text format. Please note that, in the case of electronic submission, the "text form" requirement under Section 126b of the German Civil Code (BGB) in public procurement law is only met if the bids are transmitted in encrypted form via the procurement platform (see the APPENDIX "Information on e-Procurement" and URL: <http://www.dtv.de/Center/>). Submitting a bid via email is not sufficient. In the event of incorrect or incomplete information that violates the written form requirement under Section 126b of the German Civil Code (BGB) during electronic submission, or that fails to meet the above-mentioned formal requirements during submission in paper form, the bids will be excluded, unless the bidder is not at fault (Section 42 (1)(1) of the German Public Procurement Ordinance (UVgO)).

_____ Please note that in the event of any parallel applications for participation or bids from affiliated companies, the principles of confidential competition must be observed; proof must be provided-at the latest upon request by the contracting authority-that a strict separation in terms of personnel, organization, and structure was ensured during the preparation of the applications for participation and bid documents (see, e.g., Higher Regional Court of Düsseldorf, Order of April 13, 2011, VII-Verg 4/11; VK Münster, Decision of April 22, 2015 - VK 1-12/15).

_____ Note: If any of the required forms are not submitted in the proper form or by the deadline, this may result in the exclusion of the bid. Missing or incomplete documents may be requested by the contracting authority; however, bidders cannot rely on such a request being made. Failure to provide the required documentation by the deadline will result in disqualification. The documents to be submitted will be automatically announced in the designated sections.

_____ In accordance with the general principles of equal treatment and transparency, the contracting authority has established the following award criteria: Price: 30 % Other: 70% (Delivery time 20%, SIS100 system: "Multiple type power supply" 10%, Precision Instruments: Development/Manufacturing 20%, Development IFC4, 20% IFC4: Device Properties: Offset, Calibration, Linearity 15%, IFC4: Device Characteristics: Temperature Stability 15%)

Rechtsgrondslag:

Richtlijn 2014/24/EU

vgr -

2.1.6. Gronden voor uitsluiting

Bronnen voor uitsluitingsgronden: Aankondiging

Niet-nakoming van verplichtingen op grond van louter nationale uitsluitingsgronden: 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!

Deelname aan een criminele organisatie: 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!

Terroristische misdrijven of strafbare feiten in verband met terroristische activiteiten: 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!

Witwassen van geld of financiering van 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!

Corruptie: 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!

Kinderarbeid en andere vormen van mensenhandel: 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!

Niet-nakoming van de verplichting tot betaling van belastingen: 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!

Niet-nakoming van de verplichting tot betaling van socialezekerheidsbijdragen: 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!

Niet-nakoming van verplichtingen op het gebied van milieurecht: 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!

Niet-nakoming van verplichtingen op het gebied van sociaal recht: 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!

Niet-nakoming van verplichtingen op het gebied van arbeidsrecht: 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!

Insolventie: 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!

Activa beheerd door vereffenaar: 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!

Staking van bedrijfsactiviteiten: 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!

Met faillissement vergelijkbare toestand uit hoofde van nationale recht: 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!

Ernstige beroepsfout: 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!

Vervalsing van de mededinging: 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!

Belangenconflict als gevolg van deelneming aan de aanbestedingsprocedure: 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!

Directe of indirecte betrokkenheid bij de voorbereiding van deze aanbestedingsprocedure: 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!

Voortijdige beëindiging, schadevergoeding of andere vergelijkbare sancties: 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!

Gaf valse verklaringen af, hield informatie achter, was niet in staat vereiste documenten te verstrekken of verkreeg vertrouwelijke informatie over deze procedure: 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. Perceel

5.1. Perceel: LOT-0001

Titel: Development and Series Production of Current-to-Frequency Converters for SIS100

Beschrijving: The current-to-frequency converters consist of the device electronics housed in a sturdy enclosure and the corresponding power supply. The scope of delivery is therefore as follows: · Current-to-frequency converters · Power supplies (single and multiple) · Packaging & shipping · Technical documentation for hardware and software · User manuals Exact quantities can be found in the specification

Interne identificatiecode: 32/2600039531FAIR

5.1.1. Doel

Aard van het contract: Leveringen

Belangrijkste classificatie (cpv): 38341300 Instrumenten voor het meten van elektrische hoeveelheden

Opties:

Beschrijving van de opties: 85 Spares according to offer form and specification

5.1.2. Plaats van uitvoering

Postadres: Planckstr. 1

Stad: Darmstadt

Postcode: 64291

Onderverdeling land (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Land: Duitsland

5.1.3. Geraamde duur

Looptijd: 9 Maanden

5.1.6. Algemene informatie

Voorbehouden deelname:

Deelname is niet voorbehouden.

De namen en beroepskwalificaties van het voor de uitvoering van de opdracht ingezette personeel moeten worden vermeld: Niet vereist

Aanbestedingsproject dat niet uit EU-fondsen wordt gefinancierd

De aanbesteding valt onder de Overeenkomst inzake overheidsopdrachten (GPA): ja

Deze aanbesteding is ook geschikt voor kleine en middelgrote ondernemingen (kmo's): ja

Aanvullende informatie: #Besonders auch geeignet für:other-sme#

5.1.7. Strategische aanbestedingen

Doel van strategische aanbestedingen: Verwezenlijking van sociale doelstellingen

Beschrijving: Siehe Unterlagen zu BTTG Gesetz + § 123+ 124 GWB

Bevorderde sociale doelstelling: Billijke arbeidsvoorwaarden, Andere

5.1.9. Selectiecriteria

Bronnen van selectiecriteria: Aankondiging

Criterium: Professionele risico-indemniteitsverzekering

Beschrijving van het selectie criterium: Business and Professional Liability Declaration (Mit dem Angebot; Mittels Eigenerklärung): The sum insured must cover at least twice the order value.

Criterium: Andere economische of financiële eisen

Beschrijving van het selectie criterium: Company Profile (Mit dem Angebot; Mittels Eigenerklärung): a) General company data b) Total number of employees and breakdown of the number of employees for the last 3 fiscal years: - Administration - Development/design - Production

Criterium: Referenties voor gespecificeerde leveringen

Beschrijving van het selectie criterium: References (Mit dem Angebot; Mittels Eigenerklärung): Description of three comparable reference projects, including the project data requested on the GSI/FAIR form. Requirements for reference projects We expect at least 3 reference projects in the field of beam instrumentation for particle accelerators. At least one of the referenced projects must be related to high precision beam intensity measurements and the development project must be of a comparable size. Further requirements are - Reference contract not older than 5 years - Comparable contract scope in the field of particle accelerator facilities or light sources

Criterium: Andere economische of financiële eisen

Beschrijving van het selectie criterium: Self-Declaration on Regulation (EU) 833/2014 (Mit dem Angebot; 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.

Criterium: Andere economische of financiële eisen

Beschrijving van het selectie criterium: Further bidder information (Mit dem Angebot; 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.

5.1.11. Aanbestedingsstukken

Talen waarin de aanbestedingsstukken officieel beschikbaar zijn: Engels

Termijn voor verzoeken om aanvullende informatie: 08/10/2026 23:59:59 (UTC+02:00) Oost-Europese tijd, Midden-Europese zomertijd

Adres van de aanbestedingsstukken: <https://www.dtv.de/Satellite/notice/CXS0YYEDYYS4RPK9/documents>

Ad-hoccommunicatiekanaal:

URL: <https://www.dtv.de/Satellite/notice/CXS0YYEDYYS4RPK9>

5.1.12. Voorwaarden van de aanbesteding

Voorwaarden voor indiening:

Elektronische indiening: Vereist

Adres voor indiening: <https://satellite.dtyp.de/Satellite/notice/CXS0YYEDYYS4RPK9>

Talen waarin inschrijvingen of verzoeken tot deelname kunnen worden ingediend: Duits, Engels

Elektronische catalogus: Niet toegestaan

Varianten: Toegestaan

Inschrijvers mogen meer dan één inschrijving indienen: Niet toegestaan

Beschrijving van de financiële garantie: 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

Uiterste datum voor de ontvangst van inschrijvingen: 16/10/2026 12:00:00 (UTC+02:00) Oost-Europese tijd, Midden-Europese zomertijd

Duur waarin de aanbidding geldig moet blijven: 60 Dagen

Informatie die na het verstrijken van de indieningstermijn kan worden aangevuld:

Voor zover de afnemer dit toestaat, kunnen alle ontbrekende documenten in verband met de inschrijver later worden ingediend.

Aanvullende informatie: 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).

Voorwaarden van het contract:

De uitvoering van de opdracht moet plaatsvinden binnen het kader van programma's voor maatwerkbedrijven: Neen

Voorwaarden met betrekking tot de uitvoering van de opdracht: Supporting documents: * The tender ** By means of self-declaration: - Request to Participate for 32/2600039531FAIR: Development and Series Production of Current-to-Frequency Converters for SIS100: 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.

Elektronische facturering: Vereist

Er zal worden gebruikgemaakt van elektronische orderplaatsing: ja

Er zal worden gebruikgemaakt van elektronische betaling: ja

5.1.15. Technieken

Raamovereenkomst:

Geen raamovereenkomst

Informatie over het dynamische aankoopstelsel:

Geen dynamisch aankoopstelsel

5.1.16. Nadere inlichtingen, bemiddeling en evaluatie

Organisatie voor beroepsprocedures: Vergabekammer des Bundes

Informatie over de termijnen voor beroep: 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/KontaktDaten/DE/Vergabekammern.html> Candidate/ Bidder is requested to clearly identify those sections of the tender 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 no. 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 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 no. 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 unenforceability shall end 30 calendar days after announcement of the publication of the award in the 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

Organisatie die nadere inlichtingen over de aanbestedingsprocedure verstrekt: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Organisatie die meer informatie geeft over beroepsprocedures: Vergabekammer des Bundes

Organisatie die verzoeken tot deelname ontvangt: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

8. Organisaties

8.1. ORG-0001

Officiële naam: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Registratienummer: Planc

Postadres: Planckstr. 1

Stad: Darmstadt

Postcode: 64291

Onderverdeling land (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Land: Duitsland
E-mail: proekf32@gsi.de
Telefoon: +496159711988
Internetadres: <http://www.fair-center.de>

Rollen van deze organisatie:

Koper

Organisatie die nadere inlichtingen over de aanbestedingsprocedure verstrekt

Organisatie die verzoeken tot deelname ontvangt

8.1. ORG-0002

Officiële naam: Vergabekammer des Bundes
Registratienummer: 022894990
Postadres: Villemomblerstr. 76
Stad: Bonn
Postcode: 53123
Onderverdeling land (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Land: Duitsland
Contactpunt: Vergabekammer des Bundes
E-mail: vk@bundeskartellamt.bund.de
Telefoon: +49 22894990
Internetadres: <https://www.bundeskartellamt.de>

Rollen van deze organisatie:

Organisatie voor beroepsprocedures

Organisatie die meer informatie geeft over beroepsprocedures

8.1. ORG-0003

Officiële naam: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)
Registratienummer: 0204:994-DOEVD-83
Stad: Bonn
Postcode: 53119
Onderverdeling land (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Land: Duitsland
E-mail: noreply.esender_hub@bescha.bund.de
Telefoon: +49228996100

Rollen van deze organisatie:

TED eSender

Informatie over een aankondiging

Identificatiecode/versie van de aankondiging: 810e6512-9092-4f9a-a6ab-93befe7864 - 01
Type formulier: Mededinging
Type aankondiging: Aankondiging van een opdracht of concessie – standaardregeling
Subtype aankondiging: 16
Verzenddatum van de aankondiging: 15/09/2026 12:44:25 (UTC+02:00) Oost-Europese tijd, Midden-Europese zomertijd
Talen waarin deze aankondiging officieel beschikbaar is: Engels
Publicatienummer aankondiging: 636658-2026
Nummer uitgave PB S: 179/2026
Datum van bekendmaking: 16/09/2026