

636658-2026 - Competition

Germany – Instruments for measuring electrical quantities – Development and Series Production of Current-to-Frequency Converters for SIS100

OJ S 179/2026 16/09/2026

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Email: proekf32@gsi.de

Legal type of the buyer: Public undertaking, controlled by a central government authority

Activity of the contracting authority: Education

2. Procedure

2.1. Procedure

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

Description: 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.

Procedure identifier: 899ddf62-ddda-46d6-ad39-2d3e333cecd7

Internal identifier: 32/2600039531FAIR

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38341300 Instruments for measuring electrical quantities

2.1.2. Place of performance

Postal address: Planckstr. 1

Town: Darmstadt

Postcode: 64291

Country subdivision (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Country: Germany

2.1.4. General information

Additional information: #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%)

Legal basis:

Directive 2014/24/EU

vgv -

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Notice

Breaching of obligations set under purely national exclusion grounds: 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 in a criminal organisation: 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!

Terrorist offences or offences linked to terrorist activities: 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!

Money laundering or terrorist financing: 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!

Fraud: 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!

Child labour and including other forms of trafficking in human beings: 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!

Breaching obligation relating to payment of 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!

Breaching obligation relating to payment of social security contributions: 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!

Breaching of obligations in the fields of environmental law: 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!

Breaching of obligations in the fields of social law: 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!

Breaching of obligations in the fields of labour law: 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!

Insolvency: 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!

Assets being administered by liquidator: 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!

Business activities are suspended: 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!

Analogous situation like bankruptcy, insolvency or arrangement with creditors under national law: 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!

Grave professional misconduct: 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!

Agreements with other economic operators aimed at distorting competition: 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!

Conflict of interest due to its participation in the procurement 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!

Direct or indirect involvement in the preparation of this procurement 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!

Early termination, damages, or other comparable sanctions: 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!

Misrepresentation, withheld information, unable to provide required documents or obtained confidential information of this procedure: Please see FAIR Form Suitability: self-declaration of

5. Lot

5.1. Lot: LOT-0001

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

Description: 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

Internal identifier: 32/2600039531FAIR

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38341300 Instruments for measuring electrical quantities

Options:

Description of the options: 85 Spares according to offer form and specification

5.1.2. Place of performance

Postal address: Planckstr. 1

Town: Darmstadt

Postcode: 64291

Country subdivision (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Country: Germany

5.1.3. Estimated duration

Duration: 9 Months

5.1.6. General information

Reserved participation:

Participation is not reserved.

The names and professional qualifications of the staff assigned to perform the contract must be given: Not required

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

This procurement is also suitable for small and medium-sized enterprises (SMEs): yes

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

5.1.7. Strategic procurement

Aim of strategic procurement: Fulfilment of social objectives

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

Social objective promoted: Fair working conditions, Other

5.1.9. Selection criteria

Sources of selection criteria: Notice

Criterion: Professional risk indemnity insurance

Description of selection criterion: Business and Professional Liability Declaration (Mit dem Angebot; Mittels Eigenerklärung): The sum insured must cover at least twice the order value.

Criterion: Other economic or financial requirements

Description of selection criterion: 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

Criterion: References on specified deliveries

Description of selection criterion: 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

Criterion: Other economic or financial requirements

Description of selection criterion: 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.

Criterion: Other economic or financial requirements

Description of selection criterion: 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. Procurement documents

Languages in which the procurement documents are officially available: English

Deadline for requesting additional information: 08/10/2026 23:59:59 (UTC+02:00) Eastern European Time, Central European Summer Time

Address of the procurement documents: <https://www.dtv.de/Satellite/notice/CXS0YYEDYYS4RPK9/documents>

Ad hoc communication channel:

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

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://satellite.dtv.de/Satellite/notice/CXS0YYEDYYS4RPK9>

Languages in which tenders or requests to participate may be submitted: German, English

Electronic catalogue: Not allowed

Variants: Allowed

Tenderers may submit more than one tender: Not allowed

Description of the financial guarantee: 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
Deadline for receipt of tenders: 16/10/2026 12:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Duration during which the tender must remain valid: 60 Days

Information that can be supplemented after the submission deadline:

At the discretion of the buyer, all missing tenderer-related documents may be submitted later. Additional information: 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).

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

Conditions relating to the performance of the contract: 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.

Electronic invoicing: Required

Electronic ordering will be used: yes

Electronic payment will be used: yes

5.1.15. Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Vergabekammer des Bundes

Information about review deadlines: 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

Organisation providing additional information about the procurement procedure: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Organisation providing more information on the review procedures: Vergabekammer des Bundes

Organisation receiving requests to participate: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

8. Organisations

8.1. ORG-0001

Official name: FAIR - Facility for Antiproton and Ion Research in Europe GmbH

Registration number: Planc

Postal address: Planckstr. 1

Town: Darmstadt

Postcode: 64291

Country subdivision (NUTS): Darmstadt, Kreisfreie Stadt (DE711)

Country: Germany

Email: proekf32@gsi.de

Telephone: +496159711988

Internet address: <http://www.fair-center.de>

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

Organisation receiving requests to participate

8.1. ORG-0002

Official name: Vergabekammer des Bundes

Registration number: 022894990
Postal address: Villemomblerstr. 76
Town: Bonn
Postcode: 53123
Country subdivision (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Country: Germany
Contact point: Vergabekammer des Bundes
Email: vk@bundeskartellamt.bund.de
Telephone: +49 22894990
Internet address: <https://www.bundeskartellamt.de>

Roles of this organisation:

Review organisation
Organisation providing more information on the review procedures

8.1. ORG-0003

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

Roles of this organisation:

TED eSender

Notice information

Notice identifier/version: 810e6512-9092-4f9a-a6ab-93befe7864 - 01
Form type: Competition
Notice type: Contract or concession notice – standard regime
Notice subtype: 16
Notice dispatch date: 15/09/2026 12:44:25 (UTC+02:00) Eastern European Time, Central European Summer Time
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Notice publication number: 636658-2026
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