

313270-2026 - Result

Germany – Particle accelerators – FAIR_Power Converters for SIS100 Extraction Septum Magnets 2 and 3

OJ S 88/2026 07/05/2026

Contract or concession award notice – standard regime

Supplies

1. Buyer

1.1. Buyer

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

Email: proekf01@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: FAIR_Power Converters for SIS100 Extraction Septum Magnets 2 and 3

Description: A new international scientific research centre facility FAIR (Facility for Antiprotons and Ion Research) is under constructed next to the existing GSI Helmholtz Centre for Heavy Ion Research. FAIR will provide antiproton and ion beams of unprecedented intensity and quality. One of the essential parts of FAIR will be the Heavy Ion Synchrotron (SIS)100. High current Extraction Septa 2 and 3 magnets are components of the SIS100, which will be powered by 2 power converters. The current in the magnets must be ramped up to 13000 A with an absolute accuracy of 100 ppm. The maximum output voltage is of up to 100V. These power converters will be feed by 20kV supply system. In Table 4.1 of the Detailed Specification, ANNEX 3, the specified maximum available installation space for the power converters is to be understood as a preliminary guideline. Deviations from this requirement may be acceptable under certain circumstances and can be discussed during the negotiation phase, if necessary.

Procedure identifier: be40edb1-25f1-4044-8c1f-ad233ee962ca

Internal identifier: 01/2600024614_FAIR

Type of procedure: Negotiated with prior publication of a call for competition / competitive with negotiation

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 31643000 Particle accelerators

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: CXS0YYEYTPZWSBY# 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 Participation applications shall be submitted electronically within the deadline via the German awarding platform DTVP. URL: <http://www.dtv.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).

Legal basis:

Directive 2014/24/EU

vgv -

5. Lot

5.1. Lot: LOT-0001

Title: FAIR_Power Converters for SIS100 Extraction Septum Magnets 2 and 3

Description: 2 power converters

Internal identifier: 01/2600024614_FAIR

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 31643000 Particle accelerators

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: 16 Months

5.1.6. General information

Procurement Project not financed with EU Funds.

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

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.10. Award criteria

Criterion:

Type: Price

Name: Price

Description: Consideration of the price through the valuation method "Preis-Quotient-Methode"

Category of award weight criterion: Weight (points, exact)

Award criterion number: 30

Criterion:

Type: Quality

Name: Quality and level of detail of the offer and of the delivery plan

Description: - Quality, detailing of the technical description - Level and quality of fulfilment of technical requirements - Quality, detailing of the required simulations - Detailed project planning, including schedule and resources

Category of award weight criterion: Weight (points, exact)

Award criterion number: 17,5

Criterion:

Type: Quality

Name: Simplicity and functionality of the technical solution

Description: - Topology complexity - Complexity and flexibility of the control approach - Technical effort for handling of the feedback energy

Category of award weight criterion: Weight (points, exact)

Award criterion number: 17,5

Criterion:

Type: Quality

Name: Load and lifetime of the power components

Description: Load/expected lifetime of: - Power semiconductors - Capacitors - Inductive components - Contactors Further criteria: - Energy efficiency - Reactive power - Efficiency of the cooling concept

Category of award weight criterion: Weight (points, exact)

Award criterion number: 17,5

Criterion:

Type: Quality

Name: Mechanical design (Arrangement of components, ease of repair and maintenance)

Description: - Accessibility of the components - Effort for component replacement - Possibility of repair by one person - Interference-free construction

Category of award weight criterion: Weight (points, exact)

Award criterion number: 17,5

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 applicants are made aware of the legal meaning of § 160, para. 3 of the German Act Against Restraints of Competition, particularly its no. 4. § 160 Introduction, Application (1) The public procurement tribunal shall initiate review procedures only upon application. (2) Every undertaking which has an interest in the contract and claims that its rights under § 97 para. 7 were violated by non-compliance with the provisions governing the awarding of public contracts has the right to file an application. In doing so, it must be shown that the undertaking has suffered a loss, or may be about to suffer a loss, in consequence of the alleged violation of provisions governing the awarding of public contracts. (3) The application is inadmissible, if 1. the applicant became aware of the violation of provisions governing the awarding of public contracts during the award procedure and did not object to the contracting entity without undue delay. 2. violations of provisions governing the awarding of public contracts which become apparent from the tender notice are not notified to the contracting entity by the end of the period specified in the notice for the submission of a tender or application. 3. violations of provisions governing the awarding of public contracts which only become apparent from the award documents are not notified to the contracting entity by the end of the period specified in the notice for the submission of a tender or application. 4. more than 15 calendar days have expired since receipt of notification from the contracting entity that it is unwilling to redress the complaint. Sentence 1 shall not apply to an application under § 101b (1) no. 2 to have the award contract declared ineffective. § 101a para. 1 sentence 2 shall remain unaffected.

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

6. Results

Value of all contracts awarded in this notice: 1 894 720,00 EUR

6.1. Result lot identifier: LOT-0001

Winner selection status: At least one winner was chosen.

6.1.2. Information about winners**Winner:**

Official name: Jäger Elektrotechnik GmbH

Tender:

Tender identifier: 1 - 567509

Identifier of lot or group of lots: LOT-0001

Value of the tender: 1 894 720,00 EUR

The tender is a variant: no

Subcontracting: Not yet known

Contract information:

Identifier of the contract: 1

Title: Jäger Elektrotechnik GmbH, 65817 Eppstein

Date of the conclusion of the contract: 05/05/2026

6.1.4. Statistical information

Received tenders or requests to participate:

Type of received submissions: Tenders

Number of tenders or requests to participate received: 2

Type of received submissions: Tenders submitted electronically

Number of tenders or requests to participate received: 2

Type of received submissions: Requests to participate

Number of tenders or requests to participate received: 3

Type of received submissions: Tenders from tenderers registered in other European Economic Area countries than the country of the buyer

Number of tenders or requests to participate received: 1

Type of received submissions: Tenders from tenders registered in countries outside of the European Economic Area

Number of tenders or requests to participate received: 0

Type of received submissions: Tenders verified and inadmissible

Number of tenders or requests to participate received: 0

Type of received submissions: Tenders verified and inadmissible because of an abnormally low price or cost

Number of tenders or requests to participate received: 0

Range of tenders:

Value of the lowest admissible tender: 1 726 452,00 EUR

Value of the highest admissible tender: 1 894 720,00 EUR

8. Organisations

8.1. ORG-0001

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

Registration number: DE 275 595 927

Postal address: Planckstr. 1

Town: Darmstadt

Postcode: 64291

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

Country: Germany

Email: proekf01@gsi.de

Telephone: +49 6159712574

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

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

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: Jäger Elektrotechnik GmbH
Size of the economic operator: Medium
Registration number: DE812170538
Postal address: An der Guldenmühle 12-14
Town: Eppstein
Postcode: 65817
Country subdivision (NUTS): Main-Taunus-Kreis (DE71A)
Country: Germany
Email: jaeger@jaeger-elektrotechnik.com
Telephone: 06198-5715-0
Fax: 06198-5715-90
Internet address: <http://www.jaeger-elektrotechnik.com>

Roles of this organisation:

Tenderer

Beneficial owner:

Nationality of the owner: Germany

Winner of these lots: LOT-0001

8.1. ORG-0004

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: e5cbd1ba-fa53-4c18-b3dd-4a10382c3314 - 01

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