

492633-2026 - Competition

Germany – Particle accelerators – 01/2600026777_50072442_FAIR

OJ S 135/2026 16/07/2026

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: 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: 01/2600026777_50072442_FAIR

Description: LOT 1 Short Description of Power Supply for SIS100 Radiation Resistant Quadrupole Magnets 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. Radiation Resistant Magnets are a component of SIS100 and it requires a power supply system. The current in the magnets must be ramped up to 850 A with an absolute accuracy of 1×10^{-4} *IN. The maximum output voltage is of about 300V. This power converter will be feed by 400 V supply system. LOT 2 Short Description of Power Supply for SIS100 Fast Quadrupole Magnet 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. Fast Quadrupole Magnet is a component of SIS100 and it requires a power supply system. The current in the magnet must be ramped up to 1485 A with an absolute accuracy of 1×10^{-4} *IN. The maximum output voltage is of about 210 V. This power converter will be feed by 400 V supply system. A bidder may bid on one or both lots. If a bidder bids on both lots, the bidder may offer a discount on the respective lot by taking advantage of potential synergy effects into account. However, this is not mandatory. The contracting authority may award one or both lots to one single bidder.

Procedure identifier: f8956530-718e-489e-b979-169d3c2cc50d

Internal identifier: SIS100 Power Converter (2 Lots)

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: CXS0YYEYT1523SCP# 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). FAIR reserves the right to negotiate only with the three Bidders whose initial tenders have received the highest scores in the preliminary evaluation. Evaluation Criteria for the offers: 30% Price 70% technical criteria - 25% Quality and level of detail of the offer and of the delivery plan - 25% Simplicity and functionality of the technical solution - 25% Load and lifetime of the power components - 25% Mechanical design (Arrangement of components, ease of repair and maintenance)

Legal basis:

Directive 2014/24/EU
vgv -

2.1.5. Terms of procurement

Terms of submission:

Maximum number of lots for which one tenderer can submit tenders: 2

Terms of contract:

Maximum number of lots for which contracts can be awarded to one tenderer: 2

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Notice

Breaching of obligations set under purely national exclusion grounds:

Participation in a criminal organisation:

Terrorist offences or offences linked to terrorist activities:

Money laundering or terrorist financing:

Fraud:

Corruption:

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

Breaching obligation relating to payment of taxes:

Breaching obligation relating to payment of social security contributions:

Breaching of obligations in the fields of environmental law:

Breaching of obligations in the fields of social law:

Breaching of obligations in the fields of labour law:

Insolvency:

Assets being administered by liquidator:

Business activities are suspended:

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

Grave professional misconduct:

Agreements with other economic operators aimed at distorting competition:

Conflict of interest due to its participation in the procurement procedure:

Direct or indirect involvement in the preparation of this procurement procedure:

Early termination, damages, or other comparable sanctions:

Misrepresentation, withheld information, unable to provide required documents or obtained confidential information of this procedure:

5. Lot**5.1. Lot: LOT-0001**

Title: LOT 1: 2 units of Power Supply for SIS100 Radiation Resistant Quadrupole Magnets

Description: Short Description of Power Supply for SIS100 Radiation Resistant Quadrupole

Magnets 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.

Radiation Resistant Magnets are a component of SIS100 and it requires a power supply system. The current in the magnets must be ramped up to 850 A with an absolute accuracy of 1×10^{-4} IN. The maximum output voltage is of about 300V. This power converter will be feed by 400 V supply system.

Internal identifier: 1

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: 12 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): no

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.9. Selection criteria

Sources of selection criteria: Notice

Criterion: Other economic or financial requirements

Description of selection criterion: 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.

Criterion: Professional risk indemnity insurance

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

Criterion: Other economic or financial requirements

Description of selection criterion: Company Profile (Mit dem Teilnahmeantrag; 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: Subcontracting proportion

Description of selection criterion: 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.

Criterion: Other economic or financial requirements

Description of selection criterion: 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.

Criterion: References on specified deliveries

Description of selection criterion: References (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Description of three comparable reference projects, including the project data requested on the FAIR form. Requirements for reference projects LOT 1/LOT 2: We expect at least 3 reference projects relating to the services we are tendering for. At least one of the referenced projects must be of a comparable size. Further requirements are: - References must not be older than 5 years - At least two references must demonstrate that the bidder has experience in: - developing pulsed/ramped power converters with currents > 200 A. - Building of the power converters within cabinets containing power electronics components (semiconductor modules, inductive/capacitive components) and output powers > 20 kVA. The references should be so detailed that the relevant knowledge of the planning and execution of the manufacturing process is clearly conveyed (e.g. with relevant images).

Criterion: Certificates by independent bodies about quality assurance standards

Description of selection criterion: Self-Declaration ISO 9001 (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Self-Declaration of Compliance with standards within the meaning of ISO 9001 (or an equivalent standard)

Criterion: Other economic or financial requirements

Description of selection criterion: 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.

Criterion: Subcontracting proportion

Description of selection criterion: 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.

Information about the second stage of a two-stage procedure:

Minimum number of candidates to be invited for the second stage of the procedure: 3

The procedure will take place in successive stages. At each stage, some participants may be eliminated

5.1.10. Award criteria

Criterion:

Type: Price

Name: Price

Description: Price criteria for "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 10-0 Points - 9-10 points: Very good: particularly outstanding fulfilment of the performance criteria - 7-8 points: Good: performance criteria fulfilment significantly above average requirements despite minor deficiencies - 5-6 points: Satisfactory: performance criteria fulfilment that still meets average requirements despite minor to moderate deficiencies - 3-4 points: Sufficient: fulfilment of the criteria suffering from significant deficiencies, which on the whole is only just usable - 0-2 points: Poor to unsatisfactory: completely unusable fulfilment of the required criteria

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 10-0 Points - 9-10 points: Very good: particularly outstanding fulfilment of the performance criteria - 7-8 points: Good: performance criteria fulfilment significantly above average requirements despite minor deficiencies - 5-6 points: Satisfactory: performance criteria fulfilment that still meets average requirements despite minor to moderate deficiencies - 3-4 points: Sufficient: fulfilment of the criteria suffering from significant deficiencies, which on the whole is only just usable - 0-2 points: Poor to unsatisfactory: completely unusable fulfilment of the required criteria

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 10-0 Points - 9-10 points: Very good: particularly outstanding fulfilment of the performance criteria - 7-8 points: Good: performance criteria fulfilment significantly above average requirements despite minor deficiencies - 5-6 points: Satisfactory: performance criteria fulfilment that still meets average requirements despite minor to moderate deficiencies - 3-4 points: Sufficient: fulfilment of the criteria suffering from significant deficiencies, which on the whole is only just usable - 0-2 points: Poor to unsatisfactory: completely unusable fulfilment of the required criteria

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 10-0 Points - 9-10 points: Very good: particularly outstanding fulfillment of the performance criteria - 7-8 points: Good: performance criteria fulfillment significantly above average requirements despite minor deficiencies - 5-6 points: Satisfactory: performance criteria fulfillment that still meets average requirements despite minor to moderate deficiencies - 3-4 points: Sufficient: fulfillment of the criteria suffering from significant deficiencies, which on the whole is only just usable - 0-2 points: Poor to unsatisfactory: completely unusable fulfillment of the required criteria
Category of award weight criterion: Weight (points, exact)
Award criterion number: 17,5

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English
Deadline for requesting additional information: 03/08/2026 23:59:59 (UTC+02:00) Eastern European Time, Central European Summer Time
Address of the procurement documents: <https://www.dtv.de/Satellite/notice/CXS0YYEYT1523SCP/documents>
Ad hoc communication channel:
URL: <https://www.dtv.de/Satellite/notice/CXS0YYEYT1523SCP>

5.1.12. Terms of procurement

Terms of the procedure:

Estimated date of dispatch of the invitations to submit tenders: 21/08/2026

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.dtv.de/Satellite/notice/CXS0YYEYT1523SCP>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Tenderers may submit more than one tender: Allowed

Deadline for receipt of requests to participate: 14/08/2026 12:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Information that can be supplemented after the submission deadline:

At the discretion of the buyer, some missing tenderer-related documents may be submitted later.

Additional information: 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: - Act Regulating a General Minimum Wage (Mindestlohngesetz - MiLoG) (To be submitted with the participation request by means of self-declaration): Declaration as per Section 19 (3) MiLoG - FAIR preprinted form - Proofs for subcontractors (To be submitted with the participation request by means of self-declaration): "The name and address of each intended subcontractor must be given when submitting the tender. Each subcontractor used must meet the same suitability criteria as the primary contractor. Suitable proof for each subcontractor must be

submitted. The subcontractor must also submit - A declaration of availability (see Declaration of availability preprinted form) together with the request to participate/tender. - FAIR preprinted form" - Participation - General declaration within the meaning of Section 126b (German Civil Code -BGB) (To be submitted with the participation request by means of self-declaration):
General declaration of the person making the decl
Electronic invoicing: Allowed
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 investigating authority is as follows

Vergabekammer des Bundes Villemombler Str. 76 D-53123 Bonn, Germany Tel.: 0228 9499-0

Fax: 0228 9499-163 Email: vk@bundeskartellamt.bund.de

Web: <http://www.bundeskartellamt.de/SharedDocs/KontaktDaten/DE/Vergabekammern.html>

The applicant is requested to clearly identify those parts of the request to participate (and any subsequent bid) containing company /business secrets. If this does not happen, the public procurement tribunal will assume consent to inspect the documents as required in the case of carrying out a review procedure (Section 165 (3) Act against Restraints of Competition (Competition Act - GWB)). As the awarding authority, FAIR is required to provide the public procurement tribunal with immediate access to the files when a review procedure is initiated (Section 163 (2) sentence 3 GWB). Applicants/bidders have the right to demand that the Contracting authority comply with the provisions on the award procedure protecting bidders (Section 97 (6) GWB). Applicants /bidders with an interest in the public contract who believe their rights have been violated by non-compliance with the provisions governing the awarding of public contracts, must raise an objection about the violation to FAIR within ten calendar days (Section 160 (3) sentence 1 no. 1 GWB). Violations known from the tender notice or tender documents must be claimed vis-a-vis FAIR before the time limit given for submission of applications (offers) (Section 160 (3) 1 No. 2 - 3 GWB). If FAIR informs the applicant/bidder that it is unwilling to redress the objection, an application for review may then be filed with the public procurement tribunal above within 15 days of receipt of the notification (Section 160 (3) sentence 1 no. 4 GWB). Bidders whose bids are not to be considered for the award of the contract will be notified before the awarding of the contract pursuant to Section 134 GWB. A contract may only be concluded 15 calendar days after FAIR has sent out this information. This period is ten calendar days when transmission is by fax or email. The period commences on the day following the dispatch of the information by FAIR. After this time period has expired, an award is possible even if a time limit pursuant to Section 160 (3) GWB has yet to expire. Therefore, in order to prevent an award, a request for review needs to have been served upon FAIR by the public procurement tribunal before the expiry of the time limit under Section 134 GWB. Pursuant to Section 135 (1) and (2) GWB, the invalidity of an award can only be established if it has been asserted in the review procedure within 30 calendar days from the date on which there was notification on the conclusion of the agreement, though no later than six months after the agreement was concluded. If the Contracting authority published the tender notice in the Official Journal of the European Union, the time limit for claiming ineffectiveness shall expire 30 calendar days after

the publication of the tender notice in the Official Journal of the European 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 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

5.1. Lot: LOT-0002

Title: LOT 2: 1 unit of Power Supply for SIS100 Fast Quadrupole Magnet
Description: Short Description of Power Supply for SIS100 Fast Quadrupole Magnet 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. Fast Quadrupole Magnet is a component of SIS100 and it requires a power supply system. The current in the magnet must be ramped up to 1485 A with an absolute accuracy of 1×10^{-4} *IN. The maximum output voltage is of about 210 V. This power converter will be feed by 400 V supply system.
Internal identifier: 2

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: 12 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): no

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.9. Selection criteria

Sources of selection criteria: Notice
Criterion: Other economic or financial requirements

Description of selection criterion: 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.

Criterion: Professional risk indemnity insurance

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

Criterion: Other economic or financial requirements

Description of selection criterion: Company Profile (Mit dem Teilnahmeantrag; 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: Subcontracting proportion

Description of selection criterion: 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.

Criterion: Other economic or financial requirements

Description of selection criterion: 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.

Criterion: References on specified deliveries

Description of selection criterion: References (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Description of three comparable reference projects, including the project data requested on the FAIR form. Requirements for reference projects LOT 1/LOT 2: We expect at least 3 reference projects relating to the services we are tendering for. At least one of the referenced projects must be of a comparable size. Further requirements are: - References must not be older than 5 years - At least two references must demonstrate that the bidder has experience in: - developing pulsed/ramped power converters with currents > 200 A. - Building of the power converters within cabinets containing power electronics components (semiconductor modules, inductive/capacitive components) and output powers > 20 kVA. The references should be so detailed that the relevant knowledge of the planning and execution of the manufacturing process is clearly conveyed (e.g. with relevant images).

Criterion: Certificates by independent bodies about quality assurance standards

Description of selection criterion: Self-Declaration ISO 9001 (Mit dem Teilnahmeantrag; Mittels Eigenerklärung): Self-Declaration of Compliance with standards within the meaning of ISO 9001 (or an equivalent standard)

Criterion: Other economic or financial requirements

Description of selection criterion: 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.

Criterion: Subcontracting proportion

Description of selection criterion: 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.

Information about the second stage of a two-stage procedure:

Minimum number of candidates to be invited for the second stage of the procedure: 3

The procedure will take place in successive stages. At each stage, some participants may be eliminated

5.1.10. Award criteria

Criterion:

Type: Price

Name: Price

Description: Price criteria for "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 10-0 Points - 9-10 points: Very good: particularly outstanding fulfilment of the performance criteria - 7-8 points: Good: performance criteria fulfilment significantly above average requirements despite minor deficiencies - 5-6 points: Satisfactory: performance criteria fulfilment that still meets average requirements despite minor to moderate deficiencies - 3-4 points: Sufficient: fulfilment of the criteria suffering from significant deficiencies, which on the whole is only just usable - 0-2 points: Poor to unsatisfactory: completely unusable fulfilment of the required criteria

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 10-0 Points - 9-10 points: Very good: particularly outstanding fulfillment of the performance criteria - 7-8 points: Good: performance criteria fulfillment significantly above average requirements despite minor deficiencies - 5-6 points: Satisfactory: performance criteria fulfillment that still meets average requirements despite minor to moderate deficiencies - 3-4 points: Sufficient: fulfillment of the criteria suffering from significant deficiencies, which on the whole is only just usable - 0-2 points: Poor to unsatisfactory: completely unusable fulfillment of the required criteria

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 10-0 Points - 9-10 points: Very good: particularly outstanding fulfillment of the performance criteria - 7-8 points: Good: performance criteria fulfillment significantly above average requirements despite minor deficiencies - 5-6 points: Satisfactory: performance criteria fulfillment that still meets average requirements despite minor to moderate deficiencies - 3-4 points: Sufficient: fulfillment of the criteria suffering from significant deficiencies, which on the whole is only just usable - 0-2 points: Poor to unsatisfactory: completely unusable fulfillment of the required criteria

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 10-0 Points - 9-10 points: Very good: particularly outstanding fulfillment of the performance criteria - 7-8 points: Good: performance criteria fulfillment significantly above average requirements despite minor deficiencies - 5-6 points: Satisfactory: performance criteria fulfillment that still meets average requirements despite minor to moderate deficiencies - 3-4 points: Sufficient: fulfillment of the criteria suffering from significant deficiencies, which on the whole is only just usable - 0-2 points: Poor to unsatisfactory: completely unusable fulfillment of the required criteria

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

Award criterion number: 17,5

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Deadline for requesting additional information: 03/08/2026 23:59:59 (UTC+02:00) Eastern European Time, Central European Summer Time

Address of the procurement documents: <https://www.dtv.de/Satellite/notice/CXS0YYEYT1523SCP/documents>

Ad hoc communication channel:

URL: <https://www.dtv.de/Satellite/notice/CXS0YYEYT1523SCP>

5.1.12. Terms of procurement

Terms of the procedure:

Estimated date of dispatch of the invitations to submit tenders: 21/08/2026

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.dtv.de/Satellite/notice/CXS0YYEYT1523SCP>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Tenderers may submit more than one tender: Allowed

Deadline for receipt of requests to participate: 14/08/2026 12:00:00 (UTC+02:00) Eastern European Time, Central European Summer Time

Information that can be supplemented after the submission deadline:

At the discretion of the buyer, some missing tenderer-related documents may be submitted later.

Additional information: 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: - Act Regulating a General Minimum Wage (Mindestlohngesetz - MiLoG) (To be submitted with the participation request by means of self-declaration): Declaration as per Section 19 (3) MiLoG - FAIR preprinted form - Proofs for subcontractors (To be submitted with the participation request by means of self-declaration): "The name and address of each intended subcontractor must be given when submitting the tender. Each subcontractor used must meet the same suitability criteria as the primary contractor. Suitable proof for each subcontractor must be submitted. The subcontractor must also submit - A declaration of availability (see Declaration of availability preprinted form) together with the request to participate/tender. - FAIR preprinted form" - Participation - General declaration within the meaning of Section 126b (German Civil Code -BGB) (To be submitted with the participation request by means of self-declaration):

General declaration of the person making the decl

Electronic invoicing: Allowed

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 investigating authority is as follows

Vergabekammer des Bundes Villemombler Str. 76 D-53123 Bonn, Germany Tel.: 0228 9499-0

Fax: 0228 9499-163 Email: vk@bundeskartellamt.bund.de Web: <http://www.bundeskartellamt.de/SharedDocs/KontaktDaten/DE/Vergabekammern.html>

The applicant is requested to clearly identify those parts of the request to participate (and any subsequent bid) containing company

/business secrets. If this does not happen, the public procurement tribunal will assume consent to inspect the documents as required in the case of carrying out a review procedure (Section 165 (3) Act against Restraints of Competition (Competition Act - GWB)). As the awarding authority, FAIR is required to provide the public procurement tribunal with immediate access to the files when a review procedure is initiated (Section 163 (2) sentence 3 GWB). Applicants/bidders have the right to demand that the Contracting authority comply with the provisions on the award procedure protecting bidders (Section 97 (6) GWB). Applicants/bidders with an interest in the public contract who believe their rights have been violated by non-compliance with the provisions governing the awarding of public contracts, must raise an objection about the violation to FAIR within ten calendar days (Section 160 (3) sentence 1 no. 1 GWB). Violations known from the tender notice or tender documents must be claimed vis-a-vis FAIR before the time limit given for submission of applications (offers) (Section 160 (3) 1 No. 2 - 3 GWB). If FAIR informs the applicant/bidder that it is unwilling to redress the objection, an application for review may then be filed with the public procurement tribunal above within 15 days of receipt of the notification (Section 160 (3) sentence 1 no. 4 GWB). Bidders whose bids are not to be considered for the award of the contract will be notified before the awarding of the contract pursuant to Section 134 GWB. A contract may only be concluded 15 calendar days after FAIR has sent out this information. This period is ten calendar days when transmission is by fax or email. The period commences on the day following the dispatch of the information by FAIR. After this time period has expired, an award is possible even if a time limit pursuant to Section 160 (3) GWB has yet to expire. Therefore, in order to prevent an award, a request for review needs to have been served upon FAIR by the public procurement tribunal before the expiry of the time limit under Section 134 GWB. Pursuant to Section 135 (1) and (2) GWB, the invalidity of an award can only be established if it has been asserted in the review procedure within 30 calendar days from the date on which there was notification on the conclusion of the agreement, though no later than six months after the agreement was concluded. If the Contracting authority published the tender notice in the Official Journal of the European Union, the time limit for claiming ineffectiveness shall expire 30 calendar days after the publication of the tender notice in the Official Journal of the European 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 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: 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

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: 580d49cf-233e-4413-8c2b-f0c179f15a52 - 01

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