

## 578544-2026 - Result

### Germany – Particle accelerators – Exhaust air measurement system for FAIR

OJ S 161/2026 21/08/2026

#### 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: [proekf33@gsi.de](mailto:proekf33@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: Exhaust air measurement system for FAIR

Description: Due to the expected amount of activity in the exhaust air, FAIR will be required in the future to operate an exhaust air measurement system that specifies the composition and activity of the discharge.

Procedure identifier: a0740749-c4f8-489b-9703-4074735310cf

Internal identifier: 33/2600031906FAIR

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

Additional classification (cpv): 38433200 Emission measurement equipment, 38940000

Nuclear evaluation instruments

#### 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

Call for competition is terminated

Additional information: #Bekanntmachungs-ID: CXS0YYEDYYVQXVYR# 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.dtyp.de/Center/> The forms and other documents to be completed, provided by FAIR, may be - either completed on the online tendering tool under the section "Documents to Be Completed" or - created and compiled separately by Candidate together with the other components of the

participation application or tender (concepts or explanations etc.), then uploaded under the heading "Own Documents". However, Candidates should not fill in the forms online and upload them again separately, as this can result in transmission errors and increases the workload on both sides. In order to comply with the text form (in writing) according to § 126b BGB [transl.: German Civil Code] when submitting participation applications, Candidates must provide the following information: - In the case of natural persons, the full name (first name and surname) must be given (name of the declaring person in the participation application form). - In the case of legal entities and commercial companies and corporations, the name of the company and its legal form must be stated. In addition, the full name of the employee who is submitting the participation application on behalf of the company (name of the declaring person in the participation application form) must be stated. The insertion of a company logo is not sufficient. - In the case of Bidding Consortia, the declaring person according to § 126b BGB shall be the employee of the leading member who submits the participation application on behalf of the Bidding Consortium; besides, the form "Bidding Consortium Declaration" must be submitted. It should be noted that in the case of electronic submission, the text form according to § 126b BGB is only observed if the participation applications are transmitted in encrypted form via the awarding platform (cf. information on eVergabe). Submitting the participation application via email is not sufficient. In the case of incorrect/ incomplete information that violates the aforementioned formal requirements, participation applications will be excluded unless Candidate cannot be held responsible (§ 57 para. 1 nr. 1, para. 3 VgV). ----- Note: Weighting Weighting (Best possible rating is 10 and worst possible rating is 0) Price = 60 % Performance criteria = 40 % 1 Availability of repair service & maintenance contract = 12,5 % The bidder may offer a repair service and maintenance contract. Service and maintenance contract: yes, service guaranteed within 3 working days = 10 points Service and maintenance contract: yes, service guaranteed within 14 working days = 5 points No service or maintenance contract possible = 0 points = 50 % 2 Detection limits / Fulfilment of technical requirements Low detection limits & high flow rate or measuring volume/both devices well suited = 10 points Medium detection limits & high air flow rate or low detection limits and medium air flow rate /both devices at least moderately suited = 5 points High detection limits or low air flow rate or low measuring volume /at least one device unsuitable = 0 points 3 Schedule = 25 % Commissioning by the end of 2026 = 10 points Commissioning by March 2027 = 6 points Commissioning from April 2027, before July 2027 = 3 points Possible commissioning after July 2027 = 0 points 4 Operating costs = 12,5 % The bidder estimates the operating costs incurred (consumables/ labour) for their system low to no costs or effort = 10 points average costs or effort = 5 points high costs or effort = 0 points ----- 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. ----- Note: Electronic Invoicing "The XInvoicing format is accepted with additional transmission of the invoice as a -pdf-." -----

**Legal basis:**

Directive 2014/24/EU

vgv -

## 5. Lot

### 5.1. Lot: LOT-0001

Title: Exhaust air measurement system for FAIR

Description: In the permit applications for the construction of FAIR, FAIR GmbH specified the maximum amount of activity in the exhaust air through conservative estimates using maximum

beam parameters and covering beam scenarios. Due to the expected amount of activity in the exhaust air, FAIR will be required in the future to operate an exhaust air measurement system that specifies the composition and activity of the discharge. The sampling system should consist of a sampling rack that takes a representative air sample of approximately 1/1000 of the exhaust air volume flow, transports it to the measuring devices via a loop system, and returns it to the exhaust air stream after the measurement. The measuring system should enable continuous measurement of radioactive aerosols and gaseous radioactive nuclides. Gamma spectrometric measurements should be performed in parallel or subsequently during both measurements.

Internal identifier: 33/2600031906FAIR

#### **5.1.1. Purpose**

Main nature of the contract: Supplies

Main classification (cpv): 31643000 Particle accelerators

Additional classification (cpv): 38433200 Emission measurement equipment, 38940000

Nuclear evaluation instruments

##### **Options:**

Description of the options: Maintenance service

#### **5.1.2. Place of performance**

Postal address: Planckstr. 1

Town: Darmstadt

Postcode: 64291

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

Country: Germany

#### **5.1.6. 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: 60

##### **Criterion:**

Type: Quality

Name: Availability of repair service & maintenance contract

Description: The bidder may offer a repair service and maintenance contract. Service and maintenance contract: yes, service guaranteed within 3 working days = 10 points Service and maintenance contract: yes, service guaranteed within 14 working days = 5 points No service or maintenance contract possible = 0 points

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

Award criterion number: 5

##### **Criterion:**

Type: Quality

Name: Detection limits / Fulfilment of technical requirements

Description: Low detection limits & high flow rate or measuring volume/both devices well suited = 10 points Medium detection limits & high air flow rate or low detection limits and medium air flow rate/both devices at least moderately suited = 5 points High detection limits or low air flow rate or low measuring volume /at least one device unsuitable = 0 points

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

Award criterion number: 20

**Criterion:**

Type: Quality

Name: Schedule

Description: Commissioning by the end of 2026 = 10 points Commissioning by March 2027 = 6 points Commissioning from April 2027, before July 2027 = 3 points Possible commissioning after July 2027 = 0 points

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

Award criterion number: 10

**Criterion:**

Type: Cost

Name: Operating costs

Description: The bidder estimates the operating costs incurred (consumables/labour) for their system low to no costs or effort = 10 points average costs or effort = 5 points high costs or effort = 0 points

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

Award criterion number: 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 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](mailto: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](http://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

## 6. Results

---

Value of all contracts awarded in this notice: 337 510,00 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: Berthold Technologies GmbH & Co. KG

**Tender:**

Tender identifier: 1 - 589645

Identifier of lot or group of lots: LOT-0001

Value of the tender: 337 510,00 EUR

The tender is a variant: no

Subcontracting: No

**Contract information:**

Identifier of the contract: 1

Title: Berthold Technologies GmbH & Co. KG, 75323 Bad Wildbad

Date of the conclusion of the contract: 06/08/2026

#### 6.1.4. Statistical information

**Received tenders or requests to participate:**

Type of received submissions: Tenders

Number of tenders or requests to participate received: 1

Type of received submissions: Tenders submitted electronically

Number of tenders or requests to participate received: 1

Type of received submissions: Requests to participate

Number of tenders or requests to participate received: 2  
Type of received submissions: Tenders from micro, small or medium tenderers  
Number of tenders or requests to participate received: 0  
Type of received submissions: Tenders from medium tenderers  
Number of tenders or requests to participate received: 0  
Type of received submissions: Tenders from small tenderers  
Number of tenders or requests to participate received: 0  
Type of received submissions: Tenders from micro tenderers  
Number of tenders or requests to participate received: 0  
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: 0  
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 for which it has not been verified if they are admissible or 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: 337 510,00 EUR  
Value of the highest admissible tender: 337 510,00 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  
Contact point: Project procurement  
Email: [proekf33@gsi.de](mailto:proekf33@gsi.de)  
Telephone: 0049 6159 71 1987  
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](mailto: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: Berthold Technologies GmbH & Co. KG  
Size of the economic operator: Large  
Registration number: HRA330991 Stuttgart  
Postal address: Calmbacher Straße 22  
Town: Bad Wildbad  
Postcode: 75323  
Country subdivision (NUTS): Calw (DE12A)  
Country: Germany  
Internet address: <http://www.berthold.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](mailto:noreply.esender_hub@bescha.bund.de)  
Telephone: +49228996100  
**Roles of this organisation:**  
TED eSender

## Notice information

---

Notice identifier/version: 43f04528-f9a0-4612-b0bc-63140eaf3fe9 - 01  
Form type: Result  
Notice type: Contract or concession award notice – standard regime  
Notice subtype: 29  
Notice dispatch date: 19/08/2026 15:41:12 (UTC+02:00) Eastern European Time, Central European Summer Time  
Languages in which this notice is officially available: German  
Notice publication number: 578544-2026

