

789139-2025 - Competition

Germany – Electron microscopes – Kryo-FIB Elektronenmikroskop

OJ S 229/2025 27/11/2025

Contract or concession notice – standard regime

Supplies

1. Buyer

1.1. Buyer

Official name: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | IMWS vertreten durch: Fraunhofer-Institut für Mikrostruktur von Werkstoffen und Systemen IMWS

Email: einkauf@imws.fraunhofer.de

Legal type of the buyer: Public undertaking

Activity of the contracting authority: General public services

2. Procedure

2.1. Procedure

Title: Kryo-FIB Elektronenmikroskop

Description: The Fraunhofer Institute for Microstructure of Materials and Systems IMWS researches the application behaviour, reliability, safety and lifetime of innovative materials in components and systems. The Business Unit “Biological and Macromolecular Materials” of IMWS supports industry and research partners by its internationally recognized expertise in analysing biological materials and medical products. Fraunhofer IMWS will enhance its capabilities for advanced analysis and material characterization to support the introduction of new heterogeneous integration technologies addressing the manufacturing and reliability challenges. For precise analysis a high performance FIB preparation and SEM imaging device is required. The main fields of application for this system will be FIB cross-section preparation with simultaneous high-resolution SEM observation for smallest details in structure and composition, the production of 3D-Datasets for further 3D-Data-Analysis as well as production of electron-transparent samples that are as artefact-free as possible for structural and chemical material investigations using high-resolution transmission electron microscopy. The system should have suitable solutions for avoiding or reducing beam artifacts, particularly when preparing non-conductive materials, especially biological samples. The system should be fully functional, software-controlled including attachments for automated in-situ lift out of TEM lamellas. Automated workflows for sample preparation including advanced SEM image noise reduction and feature recognition are welcome to increase the sample preparation throughput. The system and all accessories have to be installed by the manufacturer on site at the IMWS lab at Walter-Hülse-Straße 1, 06120 Halle (Saale), Germany

Procedure identifier: 78169024-1332-438f-8e6c-88d20700c03a

Internal identifier: E_2690_PR1045124

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38511000 Electron microscopes

2.1.2. Place of performance

Postal address: Walter-Hülse-Straße 1

Town: Halle (Saale)

Postcode: 06120

Country subdivision (NUTS): Halle (Saale), Kreisfreie Stadt (DEE02)

Country: Germany

Additional information: Walter-Hülse-Str. 1, laboratory 1072, first floor

2.1.4. General information

Legal basis:

Directive 2014/24/EU

vgv -

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Notice

Corruption:

Fraud:

Participation in a criminal organisation:

Terrorist offences or offences linked to terrorist activities:

Business activities are suspended:

Money laundering or terrorist financing:

Assets being administered by liquidator:

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

Early termination, damages, or other comparable sanctions:

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

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

Breaching of obligations set under purely national exclusion grounds:

Grave professional misconduct:

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

Breaching of obligations in the fields of labour law:

Breaching of obligations in the fields of social law:

Breaching of obligations in the fields of environmental law:

Breaching obligation relating to payment of social security contributions:

Breaching obligation relating to payment of taxes:

Agreements with other economic operators aimed at distorting competition:

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

Insolvency:

5. Lot

5.1. Lot: LOT-0000

Title: Kryo-FIB Elektronenmikroskop

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Country subdivision (NUTS): Halle (Saale), Kreisfreie Stadt (DEE02)

Country: Germany

Additional information: Walter-Hülse-Str. 1, laboratory 1072, first floor

5.1.3. Estimated duration

Other duration: Unknown

5.1.6. General information

Reserved participation:

Participation is not reserved.

Procurement Project fully or partially financed with EU Funds.

Information about European Union funds:

EU funds programme: European Regional Development Fund (ERDF) (2021/2027)

Identifier of EU funds: Innovative Infrastruktur für die Biomaterial- und Polymerforschung (InBiPo)

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:startup#,#Besonders auch geeignet für:other-sme#

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.9. Selection criteria

Sources of selection criteria: Notice

Criterion: General yearly turnover

Description: Jahresumsatz der letzten 3 Geschäftsjahre

Criterion: References on specified deliveries

Description: Darstellung von mindestens einem mit dem Auftragsgegenstand nach Art und Umfang vergleichbaren Auftrag der letzten drei Jahre

5.1.10. Award criteria

Criterion:

Type: Price

Name: Preiskriterium

Description: 35

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

Award criterion number: 35,00

Criterion:

Type: Quality

Name: technische Spezifikation

Description: 65

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

Award criterion number: 65,00

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: German

Address of the procurement documents: <https://www.evergabe-online.de/tenderdocuments.html?id=820235>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.evergabe-online.de/tenderdetails.html?id=820235>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Tenderers may submit more than one tender: Not allowed

Deadline for receipt of tenders: 29/12/2025 12:00:00 (UTC+01:00) Central European Time, Western European Summer Time

Deadline until 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: Beim Fehlen von Angaben und/oder Unterlagen kann die Vergabestelle von der Möglichkeit zur Nachforderung gemäß §56 VgV Gebrauch machen. Macht die Vergabestelle davon Gebrauch und der Bieter hat nach Ablauf der für die Nachforderung gesetzten Frist die geforderten Angaben und/oder Unterlagen nicht vorgelegt, wird das Angebot vom weiteren Vergabeverfahren ausgeschlossen.

Information about public opening:

Opening date: 29/12/2025 13:00:00 (UTC+01:00) Central European Time, Western European Summer Time

Terms of contract:

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

Electronic invoicing: Allowed

Electronic ordering will be used: yes

Electronic payment will be used: yes

Financial arrangement: Beachten Sie, dass Sie bei Teilnahme an diesem Verfahren die AEB, NHS sowie Zahlungsbedingungen der FhG (beigefügt) anerkennen und verzichten auf anderslautende Klauseln in Ihren Angebotsunterlagen.

5.1.15. Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

Electronic auction: no

5.1.16. Further information, mediation and review

Review organisation: Vergabekammern des Bundes

Information about review deadlines: Vergabekammern des Bundes § 160 GWB Einleitung, Antrag (1) Die Vergabekammer leitet ein Nachprüfungsverfahren nur auf Antrag ein. (2) Antragsbefugt ist jedes Unternehmen, das ein Interesse an dem öffentlichen Auftrag oder der Konzession hat und eine Verletzung in seinen Rechten nach § 97 Absatz 6 GWB durch Nichtbeachtung von Vergabevorschriften geltend macht. Dabei ist darzulegen, dass dem Unternehmen durch die behauptete Verletzung der Vergabevorschriften ein Schaden entstanden ist oder zu entstehen droht. (3) Der Antrag ist unzulässig, soweit 1. der Antragsteller den geltend gemachten Verstoß gegen Vergabevorschriften vor Einreichen des Nachprüfungsantrags erkannt und gegenüber dem Auftraggeber nicht innerhalb einer Frist von zehn Kalendertagen gerügt hat; der Ablauf der Frist nach § 134 Absatz 2 GWB bleibt unberührt, 2. Verstöße gegen Vergabevorschriften, die aufgrund der Bekanntmachung erkennbar sind, nicht spätestens bis zum Ablauf der in der Bekanntmachung benannten Frist (etwaige Vergabeverstöße muss der Bewerber/Bieter gemäß § 160 Abs. 3 Nr. 1 GWB innerhalb von 10 Tagen nach Kenntnisnahme rügen) zur Bewerbung oder zur Angebotsabgabe gegenüber dem Auftraggeber gerügt werden, 3. Verstöße gegen Vergabevorschriften, die erst in den Vergabeunterlagen erkennbar sind, nicht spätestens bis zum Ablauf der Frist (etwaige Verstöße gegen Vergabevorschriften, die erst in den Vergabeunterlagen erkennbar sind, sind nach § 160 Abs. 3 Nr. 3 GWB spätestens bis zum Ablauf der Frist zur Bewerbungsoder Angebotsabgabe gegenüber dem Auftraggeber zu rügen) zur Bewerbung oder zur Angebotsabgabe gegenüber dem Auftraggeber gerügt werden, 4. mehr als 15 Kalendertage nach Eingang der Mitteilung des Auftraggebers, einer Rüge nicht abhelfen zu wollen, vergangen sind. Satz 1 gilt nicht bei einem Antrag auf Feststellung der Unwirksamkeit des Vertrags nach § 135 Absatz 1 Nummer 2 GWB. § 134 Absatz 1 Satz 2 GWB bleibt unberührt. § 134 GWB Informations- und Wartepflicht https://www.gesetze-im-internet.de/gwb/___134.html § 135 Unwirksamkeit https://www.gesetze-im-internet.de/gwb/___135.html

8. Organisations

8.1. ORG-0000

Official name: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | IMWS vertreten durch: Fraunhofer-Institut für Mikrostruktur von Werkstoffen und Systemen IMWS

Registration number: 993-03005FHG-85

Postal address: Walter-Hülse-Straße 1

Town: Halle (Saale)

Postcode: 06120

Country subdivision (NUTS): Halle (Saale), Kreisfreie Stadt (DEE02)

Country: Germany

Email: einkauf@imws.fraunhofer.de

Telephone: 000

Roles of this organisation:

Buyer

8.1. ORG-0001

Official name: Vergabekammern des Bundes

Registration number: t:022894990

Postal address: Kaiser-Friedrich-Straße 16

Town: Bonn

Postcode: 53113

Country subdivision (NUTS): Bonn, Kreisfreie Stadt (DEA22)

Country: Germany

Email: yk@bundeskartellamt.bund.de

Roles of this organisation:

Review organisation

8.1. ORG-0002

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