146371-2026 - Competition

Germany – Miscellaneous general and special-purpose machinery – Inline automatic optical inspection (AOI) with high-speed Analysis for QMI systems
OJ S 43/2026 03/03/2026
Contract or concession notice – standard regime - Change notice
Supplies

1. Buyer

1.1. Buyer

Official name: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e. V.
Email: einkauf@iis.fraunhofer.de
Legal type of the buyer: Public undertaking
Activity of the contracting authority: General public services

2. Procedure

2.1. Procedure

Title: Inline automatic optical inspection (AOI) with high-speed Analysis for QMI systems
Description: Modular, fully automated prober for optical inspection and electrical contact of electronic, photonic and mi-cro#mechanical devices — including advanced manufacturing approaches such as quasi#monolithic integration. The system handles 200 mm wafers as well as frames, tapes, trays and comparable substrates. An end#to#end carrier handling system loads carriers with mounted substrates from specialized cassettes, positions them on the prober's vacuum chuck and performs fully automated alignment. A testcard/probe#card interface is provided for electrical connection. Probe detection and fine positioning are performed automatically to ensure reproducible contact conditions. The control software supports program-mable sequence control and reference#point based alignment. For optical inspection the system offers a movable mechanical interface to accept modular, customer#supplied optical inspection modules (e.g., microscope with camera) with lateral and vertical adjustment. The space above the p
Procedure identifier: e917ef94-b200-4c6f-bfe2-502a2470125b
Internal identifier: PR1059709
Type of procedure: Restricted
The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies
Main classification (cpv): 42900000 Miscellaneous general and special-purpose machinery

2.1.2. Place of performance

Country subdivision (NUTS): Dresden, Kreisfreie Stadt (DED21)
Country: Germany

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:
Money laundering or terrorist financing:
Child labour and including other forms of trafficking in human beings:
Participation in a criminal organisation:
Terrorist offences or offences linked to terrorist activities:
Breaching of obligations in the fields of environmental law:
Breaching of obligations in the fields of labour law:
Breaching of obligations in the fields of social law:
Agreements with other economic operators aimed at distorting competition:
Grave professional misconduct:
Misrepresentation, withheld information, unable to provide required documents or obtained confidential information of this procedure:
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:
Breaching of obligations set under purely national exclusion grounds:
Breaching obligation relating to payment of social security contributions:
Breaching obligation relating to payment of taxes:
Business activities are suspended:
Insolvency:
Assets being administered by liquidator:
Analogous situation like bankruptcy, insolvency or arrangement with creditors under national law:

5. Lot

5.1. Lot: LOT-0001

Title: Inline automatic optical inspection (AOI) with high-speed Analysis for QMI systems
Description: Modular, fully automated prober for optical inspection and electrical contact of electronic, photonic and mi-cro#mechanical devices — including advanced manufacturing approaches such as quasi#monolithic integration. The system handles 200 mm wafers as well as frames, tapes, trays and comparable substrates. An end#to#end carrier handling system loads carriers with mounted substrates from specialized cassettes, positions them on the prober's vacuum chuck and performs fully automated alignment. A testcard/probe#card interface is provided for electrical connection. Probe detection and fine positioning are performed automatically to ensure reproducible contact conditions. The control software supports program-mable sequence control and reference#point based alignment. For optical inspection the system offers a movable mechanical interface to accept modular, customer#supplied optical inspection modules (e.g., microscope with camera) with lateral and vertical adjustment. The space above the probe platen (platen area) must remain completely clear during measurements; this is necessary to allow customer analysis hardware to be installed, aligned and operated without restriction and to prevent prober#internal assemblies from obstructing access, line#of#sight or mounting of customer equipment.
Internal identifier: 0001

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 42900000 Miscellaneous general and special-purpose machinery

5.1.2. Place of performance

Country subdivision (NUTS): Dresden, Kreisfreie Stadt (DED21)
Country: Germany

5.1.3. Estimated duration

Start date: 01/10/2026
Duration end date: 31/12/2026

5.1.6. General information

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): no
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: Firmenprofil / Profile of your company Darstellung der Firma: Mindestangaben: - Gründungsjahr - wichtige Meilensteine des Unternehmens - Anzahl der Mitarbeiter - was wird hergestellt/welche Leistungen werden erbracht --> Alle Angaben bitte in Textform, KEINE Links oder Bilder. Firmenprofil / Profile of your company Darstellung der Firma: Mindestangaben: - Gründungsjahr - wichtige Meilensteine des Unternehmens - Anzahl der Mitarbeiter - was wird hergestellt/welche Leistungen werden erbracht --> Alle Angaben bitte in Textform, KEINE Links oder Bilder. *** ENGLISH *** Presentation of the company: Minimum information: - Year of foundation - Important milestones of the company - Number of employees - what is produced/what services are provided --> Please provide all information in text form, NO links or images

Criterion: Other economic or financial requirements
Description of selection criterion: - 1_C_Eigenerklärung_Russland-Sanktionen_VO 833-2014_08.25

Criterion: Other economic or financial requirements
Description of selection criterion: - C_07_Geheimhaltungsvereinbarung PR1059709

Criterion: Other economic or financial requirements
Description of selection criterion: - 1_C_Self-declaration_Sanctions on Russia_VO 833-2014_08.25

Criterion: Other economic or financial requirements
Description of selection criterion: - 1_C_Selfdeclaration (123-124 GWB)

Criterion: References on specified works
Description of selection criterion: Referenzen / References Referenz von mindestens 3 vergleichbaren Projekten (Kurzbeschreibung Gerät, Kundennennung), nicht älter als drei Jahre ***ACHTUNG***: Sollten Sie aus Datenschutzrechtlichen Gründen Ihre Ansprechpartner

nicht benennen dürfen, so kategorisieren Sie bitte Ihren Auftraggeber (Forschung, Industrie, andere öffentliche Auftraggeber) und bestätigen die Vergleichbarkeit der Referenzen mit der ausgeschriebenen Leistung. --> Alle Angaben bitte in Textform, KEINE Links oder Bilder. *** ENGLISH *** Reference of at least 3 comparable projects, not older than three years (min. information: name of client, contact person incl. contact details). *** ATTENTION *** If for data protection reasons, you are not allowed to name your contact persons, please categorize your client (research, industry, other public contractors). --> Please provide all information in text form, NO links or images.

Criterion: General yearly turnover
Description of selection criterion: Umsatz der letzten 3 Jahre Turnover for the last 3 years Ist ein Unternehmen, das sich neu am Markt befindet, nicht in der Lage, die Zahlen für alle geforderten Geschäftsjahre anzugeben, so hat es dies begründet anzuzeigen. Soweit möglich ist ein geeigneter Nachweis zur Neugründung beizufügen. Die Zahlen zum Umsatz sind in diesem Fall ab dem Zeitpunkt der Gründung des Unternehmens anzugeben. --> Alle Angaben bitte in Textform, KEINE Links oder Bilder. English: If a company that is new to the market is unable to provide figures for all the required financial years, it must provide a reasoned explanation. Where possible, suitable evidence of the new establishment must be enclosed. In this case, the turnover figures must be provided from the date of the company's establishment --> Please provide all information in text form, NO links or images.
Information about the second stage of a two-stage procedure:
The procedure will take place in successive stages. At each stage, some participants may be eliminated

5.1.10. Award criteria

Criterion:
Type: Quality
Name: Qualitätskriterium
Description: Technische Ausführung
Category of award weight criterion: Weight (points, exact)
Award criterion number: 65
Criterion:
Type: Price
Name: Preiskriterium
Description: Preis
Category of award weight criterion: Weight (points, exact)
Award criterion number: 35

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: German
Address of the procurement documents: http://www.deutsche-evergabe.de/dashboards/dashboard_off/e917ef94-b200-4c6f-bfe2-502a2470125b

5.1.12. Terms of procurement

Terms of the procedure:
Estimated date of dispatch of the invitations to submit tenders: 16/03/2026
Terms of submission:
Electronic submission: Required
Address for submission: http://www.deutsche-evergabe.de/dashboards/dashboard_off/e917ef94-b200-4c6f-bfe2-502a2470125b
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 requests to participate: 11/03/2026 10:00:00 (UTC+01:00) Central European Time, Western European Summer Time
Information that can be supplemented after the submission deadline:
No documents can be submitted later.
Terms of contract:
The execution of the contract must be performed within the framework of sheltered employment programmes: No
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: (1) Etwaige Vergabeverstöße muss der Bewerber/Bieter gemäß § 160 Abs. 3 Nr. 1 GWB innerhalb von 10 Tagen nach Kenntnisnahme rügen. (2) Verstöße gegen Vergabevorschriften, die aufgrund der Bekanntmachung erkennbar sind, sind nach § 160 Abs. 3 Nr. 2 GWB spätestens bis zum Ablauf der in der Bekanntmachung benannten Frist zur Abgabe der Bewerbung oder der Angebote gegenüber dem Auftraggeber zu rügen. (3) 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 Bewerbungs- oder Angebotsabgabe gegenüber dem Auftraggeber zu rügen. (4) Ein Vergabenachprüfungsantrag ist nach § 160 Abs. 3 Nr. 4 GWB innerhalb von 15 Kalendertagen nach der Mitteilung des Auftraggebers, einer Rüge nicht abhelfen zu wollen, bei der Vergabekammer einzureichen.
Organisation providing additional information about the procurement procedure: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e. V.
Organisation receiving requests to participate: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e. V.

8. Organisations

8.1. ORG-0001

Official name: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e. V.
Registration number: 10342
Postal address: Am Wolfsmantel 33
Town: Erlangen
Postcode: 91058
Country subdivision (NUTS): Erlangen, Kreisfreie Stadt (DE252)
Country: Germany
Email: einkauf@iis.fraunhofer.de
Telephone: +49 91317762230

Internet address: https://www.deutsche-evergabe.de
Buyer profile: https://www.deutsche-evergabe.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: d5955401-b580-4a4b-ac77-4db0ea173e2b
Postal address: Kaiser-Friedrich-Str. 116
Town: 53113
Postcode: 53113
Country subdivision (NUTS): Erlangen, Kreisfreie Stadt (DE252)
Country: Germany
Email: vk@bundeskartellamt.bund.de
Telephone: +49 22894990
Roles of this organisation:
Review organisation

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

10. Change

Version of the previous notice to be changed: 65857de4-e8ac-42e6-8511-d0f97ac2a8e2-01
Main reason for change: Information updated
Description: terminliche Gründe

Notice information

Notice identifier/version: 6b550ef3-3690-4384-9c5b-4425d6f28ded - 01
Form type: Competition
Notice type: Contract or concession notice – standard regime
Notice subtype: 16
Notice dispatch date: 27/02/2026 11:40:00 (UTC+01:00) Central European Time, Western European Summer Time
Languages in which this notice is officially available: German
Notice publication number: 146371-2026
OJ S issue number: 43/2026

Publication date: 03/03/2026