

Germany – Research and experimental development services – Banknote Perceptual Experience and Counterfeit Discrimination - 3 Lots**OJ S 219/2024 11/11/2024****Contract or concession notice – standard regime
Services**

1. Buyer**1.1. Buyer**

Official name: European Central Bank

Email: procurement@ecb.europa.eu

Legal type of the buyer: EU institution, body or agency

Activity of the contracting authority: Economic affairs

2. Procedure**2.1. Procedure**

Title: Banknote Perceptual Experience and Counterfeit Discrimination - 3 Lots

Description: Provision of works and services related to banknote perceptual experience and counterfeit discrimination - 3 Lots: Lot 1: Biometrics (visual), Lot 2: Predictive perception (visual), Lot 3: Predictive perception software

Procedure identifier: a02140e5-d9bc-4cd1-8c63-fb6e9c56ffa9

Internal identifier: PRO-010327

Type of procedure:

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

The procedure is accelerated: no

Main features of the procedure: The tender procedure shall be open on equal terms to all natural or legal persons resident or located in the European Union and to all natural and legal persons resident or located in a country which has ratified the World Trade Organisation Agreement on Government Procurement or has concluded with the European Union a bilateral agreement on procurement under the conditions laid down in the said agreements. Suppliers from other countries may be admitted to participate at the ECB's sole discretion. The tender procedure is conducted in accordance with Decision ECB/2016/2 laying down the rules on procurement (as amended), available at <https://www.ecb.europa.eu/ecb/legal/1001/procurement/html/index.en.html> And in EUR-Lex: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:02016D0002-20200501>. The detailed features and terms and conditions of the procedure can be found in the procurement documents.

2.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73100000 Research and experimental development services

Additional classification (cpv): 73200000 Research and development consultancy services, 73300000 Design and execution of research and development, 72266000 Software consultancy services

2.1.2. Place of performance

Country subdivision (NUTS): Frankfurt am Main, Kreisfreie Stadt (DE712)

Country: Germany

2.1.3. Value

Estimated value excluding VAT: 1 500 000,00 EUR

Maximum value of the framework agreement: 1 800 000,00 EUR

2.1.4. General information

Additional information: This tender procedure is conducted via the ECB's electronic tendering system (e-tendering) which can be accessed via the following internet address: <http://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html> If you have not used the ECB's electronic tendering system before, you need to register via the above link (click on 'Register').

Subsequently to the registration, you will receive an automated notification with your user credentials to log in (click on 'Login') and to access the tender documentation. Please note that: — A registration to the above system is only required once and you can reuse your user credentials in all future procedures of the ECB which are conducted via the above system. Therefore, please keep your user credentials for the future; — In case you should have participated in previous ECB tender procedure(s) in the past which were conducted via the ECB's prior online system, you nevertheless need to register once to the ECB's electronic tendering system under the above address; — Your mere registration does not constitute an application/tender. You must submit your application/tender via the ECB's electronic tendering system as further instructed in the application/tender documentation. The system reference number for the above procurement is: • Lot 1: RFX-PT-2024-000072: PRO-010327-R1-L1- BN Perception studies • Lot 2: RFX-PT-2024-000073: PRO-010327-R1-L2- BN Perception studies • Lot 3: RFX-PT-2024-000074: PRO-010327-R1-L3- BN Perception studies To download the tender documents, log on to the ECB's electronic tendering system with your login and password. Expand the field 'Public Tenders – Upcoming Events'. Click on 'Click to request an invitation to this event' for the above procedure and close the new window which opens. Once the request is completed (this can take a few minutes), the status of the participation request will change to 'Invited' and the RFX documentation will be accessible via the RFX tab. Under the above link you also find user guides for detailed information on how to use the system and contact details for technical support. Should you require technical help when using the system, please contact the ECB's technical support team at sourcing.support@ecb.europa.eu by quoting the reference number and the problem experienced. Any other queries relating to this procurement procedure and the content of the procurement documentation shall be submitted as message via the ECB's e-tendering system (under the tab 'Discussion'). The ECB endeavours to answer all queries as quickly as possible but cannot guarantee a minimum time response. The ECB shall not be bound to reply to queries received less than seven calendar days before the time-limit for the submission of tenders.

Legal basis:

Directive 2014/24/EU

<http://data.europa.eu/eli/dec/2016/245/2020-05-01> - Consolidated text: Decision (EU) 2016 /245 of the European Central Bank of 9 February 2016 laying down the rules on procurement (ECB/2016/2) (recast)

2.1.5. Terms of procurement

Terms of submission:

Maximum number of lots for which one tenderer can submit tenders: 3

Terms of contract:

Maximum number of lots for which contracts can be awarded to one tenderer: 3

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement document

5.1. Lot: LOT-0001

Title: Biometrics (visual)

Description: Biometrics-assisted perception studies including the continuous review and improvement of the methodology, using sample sets provided by the ECB

Internal identifier: Lot 1

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73100000 Research and experimental development services

Additional classification (cpv): 73200000 Research and development consultancy services, 73300000 Design and execution of research and development, 72266000

Software consultancy services

Options:

Description of the options: The contract is not subject to renewal.

5.1.2. Place of performance

Country subdivision (NUTS): Frankfurt am Main, Kreisfreie Stadt (DE712)

Country: Germany

5.1.3. Estimated duration

Start date: 01/09/2025

Duration end date: 31/08/2029

5.1.5. Value

Estimated value excluding VAT: 1 060 000,00 EUR

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 yet known

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)

5.1.7. Strategic procurement

Green Procurement Criteria: No Green Public Procurement criteria

5.1.9. Selection criteria

Sources of selection criteria: Procurement document

Criterion:

The criteria will be used to select the candidates to be invited for the second stage of the procedure

Criterion:

The criteria will be used to select the candidates to be invited for the second stage of the procedure

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

The buyer reserves the right to award the contract on the basis of the initial tenders without any further negotiations

5.1.10. Award criteria

Criterion:

Type: Quality

Description: Quality of the technical offer

Weight (percentage, exact): 60

Criterion:

Type: Price

Description: Financial offer

Weight (percentage, exact): 40

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Deadline for requesting additional information: 10/03/2025 12:00:00 (UTC+1)

Address of the procurement documents: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

Ad hoc communication channel:

Name: ECB e-tendering platform

URL: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

5.1.12. Terms of procurement

Terms of the procedure:

Estimated date of dispatch of the invitations to submit tenders: 17/02/2025

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

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: Not allowed

Deadline for receipt of tenders: 17/03/2025 12:00:00 (UTC+1)

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

Information about review deadlines: Within 10 days of receipt of the notification in accordance with Article 34(1) or the first sentence of Article 34(3) of Decision ECB/2016/2 laying down the rules on public procurement. Further requirements are outlined in Article 39 of this Decision. A complaint to the European Ombudsman does not affect the deadline for lodging appeals.

5.1.15. Techniques

Framework agreement: Framework agreement, without reopening of competition

Maximum number of participants: 1

Information about the dynamic purchasing system: No dynamic purchase system

5.1.16. Further information, mediation and review

Mediation organisation: The European Ombudsman

Review organisation: European Central Bank

Organisation providing more information on the review procedures: European Central Bank

TED eSender: Publications Office of the European Union

5.1. Lot: LOT-0002

Title: Predictive perception (visual)

Description: Predictive perception studies conducted with an AI-based software to predict visual attention on both static and dynamic samples provided by the ECB

Internal identifier: Lot 2

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73100000 Research and experimental development services

Additional classification (cpv): 73200000 Research and development consultancy services, 73300000 Design and execution of research and development, 72266000

Software consultancy services

Options:

Description of the options: The contract is not subject to renewal.

5.1.2. Place of performance

Country subdivision (NUTS): Frankfurt am Main, Kreisfreie Stadt (DE712)

Country: Germany

5.1.3. Estimated duration

Start date: 01/09/2025

Duration end date: 31/08/2029

5.1.5. Value

Estimated value excluding VAT: 400 000,00 EUR

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 yet known

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)

5.1.7. Strategic procurement

Green Procurement Criteria: No Green Public Procurement criteria

5.1.9. Selection criteria

Sources of selection criteria: Procurement document

Criterion:

The criteria will be used to select the candidates to be invited for the second stage of the procedure

Criterion:

The criteria will be used to select the candidates to be invited for the second stage of the procedure

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

The buyer reserves the right to award the contract on the basis of the initial tenders without any further negotiations

5.1.10. Award criteria

Criterion:

Type: Quality

Description: Quality of the technical offer

Weight (percentage, exact): 60

Criterion:

Type: Price

Description: Financial offer

Weight (percentage, exact): 40

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Deadline for requesting additional information: 10/03/2025 12:00:00 (UTC+1)

Address of the procurement documents: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

Ad hoc communication channel:

Name: ECB e-tendering platform

URL: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

5.1.12. Terms of procurement

Terms of the procedure:

Estimated date of dispatch of the invitations to submit tenders: 17/02/2025

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

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: Not allowed

Deadline for receipt of tenders: 17/03/2025 12:00:00 (UTC+1)

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

Information about review deadlines: Within 10 days of receipt of the notification in accordance with Article 34(1) or the first sentence of Article 34(3) of Decision ECB/2016/2 laying down the rules on public procurement. Further requirements are outlined in Article 39 of this Decision. A complaint to the European Ombudsman does not affect the deadline for lodging appeals.

5.1.15. Techniques

Framework agreement: Framework agreement, without reopening of competition

Maximum number of participants: 1

Information about the dynamic purchasing system: No dynamic purchase system

5.1.16. Further information, mediation and review

Mediation organisation: The European Ombudsman

Review organisation: European Central Bank

Organisation providing more information on the review procedures: European Central Bank

TED eSender: Publications Office of the European Union

5.1. Lot: LOT-0003

Title: Predictive perception software

Description: Provision of an AI-based predictive perception software to predict visual attention on both static and dynamic samples provided by the ECB, including training to the ECB staff

Internal identifier: Lot 3

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73100000 Research and experimental development services

Additional classification (cpv): 73200000 Research and development consultancy services, 73300000 Design and execution of research and development, 72266000

Software consultancy services

Options:

Description of the options: The contract is not subject to renewal.

5.1.2. Place of performance

Country subdivision (NUTS): Frankfurt am Main, Kreisfreie Stadt (DE712)

Country: Germany

5.1.3. Estimated duration

Start date: 01/09/2025

Duration end date: 31/08/2029

5.1.5. Value

Estimated value excluding VAT: 40 000,00 EUR

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 yet known

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)

5.1.7. Strategic procurement

Green Procurement Criteria: No Green Public Procurement criteria

5.1.9. Selection criteria

Sources of selection criteria: Procurement document

Criterion:

The criteria will be used to select the candidates to be invited for the second stage of the procedure

Criterion:

The criteria will be used to select the candidates to be invited for the second stage of the procedure

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

The buyer reserves the right to award the contract on the basis of the initial tenders without any further negotiations

5.1.10. Award criteria

Criterion:

Type: Quality

Description: Quality of the technical offer

Weight (percentage, exact): 60

Criterion:

Type: Price

Description: Financial offer

Weight (percentage, exact): 40

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: English

Deadline for requesting additional information: 10/03/2025 12:00:00 (UTC+1)

Address of the procurement documents: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

Ad hoc communication channel:

Name: ECB e-tendering platform

URL: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

5.1.12. Terms of procurement

Terms of the procedure:

Estimated date of dispatch of the invitations to submit tenders: 17/02/2025

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.ecb.europa.eu/ecb/jobsproc/sourcing/html/index.en.html>

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: Not allowed

Deadline for receipt of tenders: 17/03/2025 12:00:00 (UTC+1)

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
Information about review deadlines: Within 10 days of receipt of the notification in accordance with Article 34(1) or the first sentence of Article 34(3) of Decision ECB/2016/2 laying down the rules on public procurement. Further requirements are outlined in Article 39 of this Decision. A complaint to the European Ombudsman does not affect the deadline for lodging appeals.

5.1.15. Techniques

Framework agreement: Framework agreement, without reopening of competition
Maximum number of participants: 1
Information about the dynamic purchasing system: No dynamic purchase system

5.1.16. Further information, mediation and review

Mediation organisation: The European Ombudsman
Review organisation: European Central Bank
Organisation providing more information on the review procedures: European Central Bank
TED eSender: Publications Office of the European Union

8. Organisations

8.1. ORG-0004

Official name: European Central Bank
Registration number: 0001
Postal address: Sonnemannstrasse 22
Town: Frankfurt am Main
Postcode: 60314
Country subdivision (NUTS): Frankfurt am Main, Kreisfreie Stadt (DE712)
Country: Germany
Contact point: Central Procurement Office
Email: procurement@ecb.europa.eu
Telephone: +49 69 13440
Internet address: <http://www.ecb.europa.eu>
Buyer profile: <https://www.ecb.europa.eu/ecb/jobsproc/tenders/html/index.en.html>
Other contact points:
Official name: Procurement Review Body of the European Central Bank, c/o Legal Advice Team
Postal address: Sonnemannstrasse 22
Town: Frankfurt am Main
Postcode: 60314
Country subdivision (NUTS): Frankfurt am Main, Kreisfreie Stadt (DE712)
Country: Germany
Contact point: Legal Advice Team
Email: LegalServices@ecb.europa.eu
Telephone: +49 6913440
Fax: +49 6913446886
Internet address: <http://www.ecb.europa.eu>
Roles of this organisation:

Buyer
Review organisation
Organisation providing more information on the review procedures

8.1. **ORG-0006**

Official name: The European Ombudsman
Registration number: 0002
Postal address: 1 avenue du Président Robert Schuman, CS 30403
Town: Strasbourg
Postcode: 67001
Country subdivision (NUTS): Bas-Rhin (FRF11)
Country: France
Contact point: The European Ombudsman
Email: eo@ombudsman.europa.eu
Telephone: +33 388172313
Internet address: <https://www.ombudsman.europa.eu>

Roles of this organisation:

Mediation organisation

8.1. **ORG-0000**

Official name: Publications Office of the European Union
Registration number: PUBL
Town: Luxembourg
Postcode: 2417
Country subdivision (NUTS): Luxembourg (LU000)
Country: Luxembourg
Email: ted@publications.europa.eu
Telephone: +352 29291
Internet address: <https://op.europa.eu>

Roles of this organisation:

TED eSender

11. Notice information

11.1. **Notice information**

Notice identifier/version: cecb56c8-b7a4-4b49-9b0f-d51d643136dc - 01
Form type: Competition
Notice type: Contract or concession notice – standard regime
Notice subtype: 16
Notice dispatch date: 07/11/2024 17:23:53 (UTC)
Languages in which this notice is officially available: English

11.2. **Publication information**

Notice publication number: 685781-2024
OJ S issue number: 219/2024
Publication date: 11/11/2024