

Germany – Research and experimental development services – Banknote Perceptual Experience and Counterfeit Discrimination - 3 Lots**OJ S 187/2025 30/09/2025****Contract or concession award 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

Previous notice: 685781-2024

Internal identifier: PRO-010327

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: 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

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)

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: 09/09/2025

Duration end date: 08/09/2029

5.1.5. Value

Estimated value excluding VAT: 1 060 000,00 EUR

Maximum value of the framework agreement: 1 272 000,00 EUR

5.1.6. General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): no

5.1.7. Strategic procurement

Green Procurement Criteria: No Green Public Procurement criteria

5.1.10. Award criteria

Criterion:

Type: Quality

Description: Quality of the technical offer

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

Award criterion number: 60,00

Criterion:

Type: Price

Description: Financial offer

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

Award criterion number: 40,00

5.1.15. Techniques

Framework agreement:

Framework agreement, without reopening of competition

Information about the dynamic purchasing system:

No dynamic purchase system
Electronic auction: no

5.1.16. Further information, mediation and review

Mediation organisation: The European Ombudsman

Review organisation: European Central Bank - Procurement Review Body of the European Central Bank, c/o Legal Advice Team

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.

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

Organisation signing the contract: European Central Bank

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: 28/08/2025

Duration end date: 27/08/2029

5.1.5. Value

Estimated value excluding VAT: 400 000,00 EUR

Maximum value of the framework agreement: 480 000,00 EUR

5.1.6. General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): no

5.1.7. Strategic procurement

Green Procurement Criteria: No Green Public Procurement criteria

5.1.10. Award criteria

Criterion:

Type: Quality

Description: Quality of the technical offer

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

Award criterion number: 60,00

Criterion:

Type: Price

Description: Financial offer

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

Award criterion number: 40,00

5.1.15. Techniques

Framework agreement:

Framework agreement, without reopening of competition

Information about the dynamic purchasing system:

No dynamic purchase system

Electronic auction: no

5.1.16. Further information, mediation and review

Mediation organisation: The European Ombudsman

Review organisation: European Central Bank - Procurement Review Body of the European Central Bank, c/o Legal Advice Team

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.

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

Organisation signing the contract: European Central Bank

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: 22/09/2025

Duration end date: 21/09/2029

5.1.5. Value

Estimated value excluding VAT: 40 000,00 EUR

Maximum value of the framework agreement: 48 000,00 EUR

5.1.6. General information

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): no

5.1.7. Strategic procurement

Green Procurement Criteria: No Green Public Procurement criteria

5.1.10. Award criteria

Criterion:

Type: Quality

Description: Quality of the technical offer

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

Award criterion number: 60,00

Criterion:

Type: Price

Description: Financial offer

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

Award criterion number: 40,00

5.1.15. Techniques

Framework agreement:

Framework agreement, without reopening of competition

Information about the dynamic purchasing system:

No dynamic purchase system

Electronic auction: no

5.1.16. Further information, mediation and review

Mediation organisation: The European Ombudsman

Review organisation: European Central Bank - Procurement Review Body of the European Central Bank, c/o Legal Advice Team

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.

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

Organisation signing the contract: European Central Bank

6. Results

Maximum value of the framework agreements in this notice: 1 800 000,00 EUR

Approximate value of the framework agreements: 1 500 000,00 EUR

6.1. Result lot identifier: LOT-0001

Winner selection status: At least one winner was chosen.

Framework agreement:

Maximum value of the framework agreement: 1 080 000,00 EUR

Re-estimated value of the framework agreement: 900 000,00 EUR

6.1.2. Information about winners

Winner:

Name of the tendering party: TPA-001

Leader of tendering party: Neurensics B.V.

Official name: Neurensics B.V.

Tender:

Tender identifier: Lot 1

Identifier of lot or group of lots: LOT-0001

The tender was ranked: no

Concession value:

The tender is a variant: no

Subcontracting: No

Contract information:

Identifier of the contract: Lot 1

Date of the conclusion of the contract: 09/09/2025

The contract is awarded within a framework agreement: no

Organisation signing the contract: European Central Bank

6.1.4. Statistical information:

Received tenders or requests to participate:

Type of received submissions: Tenders submitted electronically

Number of tenders or requests to participate received: 7

6.1. Result lot identifier: LOT-0002

Winner selection status: At least one winner was chosen.

Framework agreement:

Maximum value of the framework agreement: 408 000,00 EUR

Re-estimated value of the framework agreement: 340 000,00 EUR

6.1.2. Information about winners**Winner:**

Name of the tendering party: TPA-0002

Leader of tendering party: Under Currency S.A. de C.V.

Official name: Under Currency S.A. de C.V.

Tender:

Tender identifier: Lot 2

Identifier of lot or group of lots: LOT-0002

The tender was ranked: no

Concession value:

The tender is a variant: no

Subcontracting: No

Contract information:

Identifier of the contract: Lot 2

Date of the conclusion of the contract: 28/08/2025

The contract is awarded within a framework agreement: no

Organisation signing the contract: European Central Bank

6.1.4. Statistical information:

Received tenders or requests to participate:

Type of received submissions: Tenders submitted electronically

Number of tenders or requests to participate received: 3

6.1. Result lot identifier: LOT-0003

Winner selection status: At least one winner was chosen.

Framework agreement:

Maximum value of the framework agreement: 312 000,00 EUR

Re-estimated value of the framework agreement: 260 000,00 EUR

6.1.2. Information about winners

Winner:

Official name: Unravel Research B.V.

Subcontractors of the winner:

Official name: Alpha.one

Tender:

Tender identifier: Lot 3

Identifier of lot or group of lots: LOT-0003

The tender was ranked: no

Concession value:

The tender is a variant: no

Subcontracting: Yes

Subcontracting value is known: no

Subcontracting percentage is known: no

Contract information:

Identifier of the contract: Lot 3

Date of the conclusion of the contract: 22/09/2025

The contract is awarded within a framework agreement: no

Organisation signing the contract: European Central Bank

6.1.4. Statistical information:

Received tenders or requests to participate:

Type of received submissions: Tenders submitted electronically

Number of tenders or requests to participate received: 2

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
Organisation signing the contract

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-0007

Official name: Neurensics B.V.
Size of the economic operator: Micro, small, or medium
Registration number: 0003
Postal address: Nieuwe Achtergracht 129B L2.08
Town: Amsterdam
Postcode: 11018 WS
Country subdivision (NUTS): Groot-Amsterdam (NL32B)
Country: Netherlands

Roles of this organisation:

Tenderer
Group leader

Winner of these lots: LOT-0001

8.1. ORG-0008

Official name: Under Currency S.A. de C.V.
Size of the economic operator: Micro, small, or medium
Registration number: 0004
Postal address: Frontera 5 interior 301, Colonia Roma Norte
Town: Mexico City

Postcode: CP 06700

Country: Mexico

Roles of this organisation:

Tenderer

Group leader

Winner of these lots: LOT-0002

8.1. ORG-0009

Official name: Unravel Research B.V.

Size of the economic operator: Micro, small, or medium

Registration number: 0005

Postal address: Burgermeester Reigerstraat 78

Town: Utrecht

Postcode: 3581 KW

Country subdivision (NUTS): Utrecht (NL350)

Country: Netherlands

Roles of this organisation:

Tenderer

Winner of these lots: LOT-0003

8.1. ORG-0010

Official name: Alpha.one

Size of the economic operator: Micro, small, or medium

Registration number: 0006

Postal address: Barbara Strozziilaan 201

Town: Amsterdam

Postcode: 1083 HN

Country subdivision (NUTS): Groot-Amsterdam (NL32B)

Country: Netherlands

Roles of this organisation:

Subcontractor

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

Notice information

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