

587501-2026 - Result

Germany – Miscellaneous special-purpose machinery – Quantum Computing Control System - PR142705-2270-W

OJ S 164/2026 26/08/2026

Contract or concession award notice – standard regime - Change notice
Supplies

1. Buyer

1.1. Buyer

Official name: Fraunhofer-Gesellschaft - Einkauf B12

Email: einkauf@zv.fraunhofer.de

Legal type of the buyer: Public undertaking

Activity of the contracting authority: General public services

2. Procedure

2.1. Procedure

Title: Quantum Computing Control System - PR142705-2270-W

Description: Quantum Computing Control System

Procedure identifier: 14375726-3528-4ec6-bc8d-166d1811398a

Previous notice: 532615-2022

Internal identifier: PR142705-2270-W

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 42990000 Miscellaneous special-purpose machinery

2.1.2. Place of performance

Town: Munich

Postcode: 80686

Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)

Country: Germany

2.1.4. General information

Legal basis:

Directive 2014/24/EU

vgv -

5. Lot

5.1. Lot: LOT-0001

Title: VNA

Description: VNA (Quantum Computing Control System)

Internal identifier: LOT-0001

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 42990000 Miscellaneous special-purpose machinery

5.1.2. Place of performance

Town: Munich

Postcode: 80686

Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)

Country: Germany

5.1.3. Estimated duration

Start date: 01/03/2023

Duration end date: 31/03/2023

5.1.6. General information

Procurement Project fully or partially 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: Quality

Name: Delivery Time

Description: Delivery Time

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

Award criterion number: 15

Criterion:

Type: Quality

Name: Technical realization

Description: Technical realization

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

Award criterion number: 50

Criterion:

Type: Price

Name: Price

Description: Price

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

Award criterion number: 35

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

Organisation providing additional information about the procurement procedure: Fraunhofer-Gesellschaft - Einkauf B12

Organisation providing more information on the review procedures: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

5.1. Lot: LOT-0002

Title: Time-domain test equipment

Description: Time-domain test equipment (Quantum Computing Control System)

Internal identifier: LOT-0002

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 42990000 Miscellaneous special-purpose machinery

5.1.2. Place of performance

Town: Munich

Postcode: 806868

Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)

Country: Germany

5.1.3. Estimated duration

Start date: 01/03/2023

Duration end date: 31/03/2023

5.1.6. General information

Procurement Project fully or partially 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: Quality

Name: Technical realization

Description: Technical realization

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

Award criterion number: 40

Criterion:

Type: Quality

Name: Delivery Time

Description: Delivery Time

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

Award criterion number: 25

Criterion:

Type: Price

Name: Price

Description: Price

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

Award criterion number: 35

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

Organisation providing additional information about the procurement procedure: Fraunhofer-Gesellschaft - Einkauf B12

Organisation providing more information on the review procedures: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

5.1. Lot: LOT-0003

Title: Low noise DC current sources

Description: Low noise DC current sources (Quantum Computing Control System)

Internal identifier: LOT-0003

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 42990000 Miscellaneous special-purpose machinery

5.1.2. Place of performance

Town: Munich

Postcode: 80868

Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)

Country: Germany

5.1.3. Estimated duration

Start date: 01/03/2023

Duration end date: 31/03/2023

5.1.6. General information

Procurement Project fully or partially 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: Quality

Name: Delivery Time

Description: Delivery Time

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

Award criterion number: 20

Criterion:

Type: Quality

Name: Technical realization

Description: Technical realization

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

Award criterion number: 45

Criterion:

Type: Price

Name: Price

Description: Price

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

Award criterion number: 35

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

Organisation providing additional information about the procurement procedure: Fraunhofer-Gesellschaft - Einkauf B12

Organisation providing more information on the review procedures: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

5.1. Lot: LOT-0004

Title: Cryostat Electronics

Description: Electronics - HEMTs, TJIs and LNAs (Quantum Computing Control System)

Internal identifier: LOT-0004

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 42990000 Miscellaneous special-purpose machinery

5.1.2. Place of performance

Town: Munich

Postcode: 80868

Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)

Country: Germany

5.1.3. Estimated duration

Start date: 01/03/2023

Duration end date: 31/03/2023

5.1.6. General information

Procurement Project fully or partially 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: Quality

Name: Delivery Time

Description: Delivery Time

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

Award criterion number: 15

Criterion:

Type: Quality

Name: Technical realization

Description: Technical realization

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

Award criterion number: 50

Criterion:

Type: Price

Name: Price

Description: Price

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

Award criterion number: 35

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

Organisation providing additional information about the procurement procedure: Fraunhofer-Gesellschaft - Einkauf B12

Organisation providing more information on the review procedures: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

5.1. Lot: LOT-0005

Title: RF cable assemblies

Description: RF cable assemblies (Quantum Computing Control System)

Internal identifier: LOT-0005

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 42990000 Miscellaneous special-purpose machinery

5.1.2. Place of performance

Town: Munich

Postcode: 80686

Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)

Country: Germany

5.1.3. Estimated duration

Start date: 01/03/2023

Duration end date: 31/03/2023

5.1.6. General information

Procurement Project fully or partially 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: Quality

Name: Delivery Time

Description: Delivery Time

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

Award criterion number: 30

Criterion:

Type: Price

Name: Price

Description: Price

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

Award criterion number: 70

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

Organisation providing additional information about the procurement procedure: Fraunhofer-Gesellschaft - Einkauf B12

Organisation providing more information on the review procedures: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

5.1. Lot: LOT-0006

Title: HBM standalone control unit

Description: HBM standalone control unit (Quantum Computing Control System)

Internal identifier: LOT-0006

5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 42990000 Miscellaneous special-purpose machinery

5.1.2. Place of performance

Town: Munich

Postcode: 80686

Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)

Country: Germany

5.1.3. Estimated duration

Start date: 01/03/2023

Duration end date: 31/03/2023

5.1.6. General information

Procurement Project fully or partially 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: Quality

Name: Delivery Time

Description: Delivery Time

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

Award criterion number: 40

Criterion:

Type: Price

Name: Price

Description: Price

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

Award criterion number: 60

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

Organisation providing additional information about the procurement procedure: Fraunhofer-Gesellschaft - Einkauf B12

Organisation providing more information on the review procedures: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

6. Results

Value of all contracts awarded in this notice: unpublished

Justification code: Law enforcement

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: Keysight Technologies

Tender:

Tender identifier: TEN-0001

Identifier of lot or group of lots: LOT-0001

Value of the tender: unpublished

Justification code: Law enforcement

Subcontracting: No

Contract information:

Identifier of the contract: CON-0001

Date of the conclusion of the contract: 23/01/2023

6.1.4. Statistical information

Received tenders or requests to participate:

Type of received submissions: Tenders

Number of tenders or requests to participate received: 2

Type of received submissions: Tenders submitted electronically

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 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

6.1. Result lot identifier: LOT-0002

Winner selection status: At least one winner was chosen.

6.1.2. Information about winners

Winner:

Official name: Zurich Instruments AG

Tender:

Tender identifier: TEN-0002

Identifier of lot or group of lots: LOT-0002

Value of the tender: unpublished

Justification code: Law enforcement

Subcontracting: No

Contract information:

Identifier of the contract: CON-0002

Date of the conclusion of the contract: 23/01/2023

6.1.4. Statistical information

Received tenders or requests to participate:

Type of received submissions: Tenders

Number of tenders or requests to participate received: 3

Type of received submissions: Tenders submitted electronically

Number of tenders or requests to participate received: 3

Type of received submissions: Tenders from micro, small or medium tenderers

Number of tenders or requests to participate received: 1

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: 1

Type of received submissions: Tenders from tenders registered in countries outside of the European Economic Area

Number of tenders or requests to participate received: 1

6.1. Result lot identifier: LOT-0003

Winner selection status: At least one winner was chosen.

6.1.2. Information about winners

Winner:

Official name: Qblox BV

Tender:

Tender identifier: TEN-0003

Identifier of lot or group of lots: LOT-0003

Value of the tender: unpublished

Justification code: Law enforcement

Subcontracting: No

Contract information:

Identifier of the contract: CON-0003

Date of the conclusion of the contract: 23/01/2023

6.1.4. Statistical information

Received tenders or requests to participate:

Type of received submissions: Tenders

Number of tenders or requests to participate received: 2

Type of received submissions: Tenders submitted electronically

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: 1

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: 1

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

6.1. Result lot identifier: LOT-0004

Winner selection status: At least one winner was chosen.

6.1.2. Information about winners

Winner:

Official name: GLOBES Elektronik GmbH & Co KG

Tender:

Tender identifier: TEN-0004

Identifier of lot or group of lots: LOT-0004

Value of the tender: unpublished

Justification code: Law enforcement

Subcontracting: No

Contract information:

Identifier of the contract: CON-0004

Date of the conclusion of the contract: 23/01/2023

6.1.4. Statistical information

Received tenders or requests to participate:

Type of received submissions: Tenders

Number of tenders or requests to participate received: 3

Type of received submissions: Tenders submitted electronically

Number of tenders or requests to participate received: 3

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 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

6.1. Result lot identifier: LOT-0005

Winner selection status: At least one winner was chosen.

6.1.2. Information about winners

Winner:

Official name: TACTRON ELEKTRONIK GmbH & Co. KG

Tender:

Tender identifier: TEN-0005

Identifier of lot or group of lots: LOT-0005

Value of the tender: unpublished

Justification code: Law enforcement

Subcontracting: No

Contract information:

Identifier of the contract: CON-0005

Date of the conclusion of the contract: 23/01/2023

6.1.4. Statistical information**Received tenders or requests to participate:**

Type of received submissions: Tenders

Number of tenders or requests to participate received: 2

Type of received submissions: Tenders submitted electronically

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 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

6.1. Result lot identifier: LOT-0006

Winner selection status: No winner was chosen and the competition is closed.

The reason why a winner was not chosen: The highest ranked tenderer(s) refused to sign the contract

6.1.4. Statistical information**Received tenders or requests to participate:**

Type of received submissions: Tenders

Number of tenders or requests to participate received: 2

Type of received submissions: Tenders submitted electronically

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: 1

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

8. Organisations

8.1. ORG-7001

Official name: Fraunhofer-Gesellschaft - Einkauf B12

Registration number: DE 129515865

Postal address: Hansastraße 27c

Town: München
Postcode: 80686
Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)
Country: Germany
Contact point: Einkauf Wissenschaftliche Geräte
Email: einkauf@zv.fraunhofer.de
Telephone: +49 89 1205-0
Internet address: <https://vergabe.fraunhofer.de/>
Buyer profile: <https://vergabe.fraunhofer.de/NetServer/>

Roles of this organisation:

Buyer

Central purchasing body awarding public contracts or concluding framework agreements for works, supplies or services intended for other buyers

Organisation providing additional information about the procurement procedure

8.1. ORG-7004

Official name: VERGABEKAMMER
Registration number: t:022894990
Postal address: Villemombler Straße 76
Town: Bonn
Postcode: 53123
Country subdivision (NUTS): Bonn, Kreisfreie Stadt (DEA22)
Country: Germany
Email: vk@bundeskartellamt.bund.de
Telephone: +49 228 9499-0

Roles of this organisation:

Review organisation

8.1. ORG-7005

Official name: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
Registration number: DE 129515865
Postal address: Hansastrasse 27c
Town: München
Postcode: 80686
Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)
Country: Germany
Email: einkauf@zv.fraunhofer.de
Telephone: +49 89 12050
Internet address: <https://www.fraunhofer.de>

Roles of this organisation:

Organisation providing more information on the review procedures

8.1. ORG-0003

Official name: Qblox BV
Size of the economic operator: Medium
Registration number: NL859140568B01
Postal address: Elektronikaweg 10
Town: Delft
Postcode: 2628 XG
Country subdivision (NUTS): Delft en Westland (NL362)
Country: Netherlands

Roles of this organisation:

Tenderer

Beneficial owner:

Winner of these lots: LOT-0003

8.1. ORG-0005

Official name: TACTRON ELEKTRONIK GmbH & Co. KG

Size of the economic operator: Large

Registration number: DE813549352

Postal address: Lochhamer Schlag 5

Town: Graefelfing

Postcode: 82166

Country subdivision (NUTS): München, Landkreis (DE21H)

Country: Germany

Roles of this organisation:

Tenderer

Beneficial owner:

Winner of these lots: LOT-0005

8.1. ORG-0004

Official name: GLOBES Elektronik GmbH & Co KG

Size of the economic operator: Large

Registration number: DE811813742

Postal address: Berliner Platz 12, 74072 Heilbronn

Town: Heilbronn

Postcode: 74072

Country subdivision (NUTS): Heilbronn, Stadtkreis (DE117)

Country: Germany

Roles of this organisation:

Tenderer

Beneficial owner:

Winner of these lots: LOT-0004

8.1. ORG-0001

Official name: Keysight Technologies

Size of the economic operator: Large

Registration number: DE292614813

Postal address: Herrenberger Str. 130

Town: Böblingen

Postcode: 71034

Country subdivision (NUTS): Böblingen (DE112)

Country: Germany

Roles of this organisation:

Tenderer

Beneficial owner:

Winner of these lots: LOT-0001

8.1. ORG-0002

Official name: Zurich Instruments AG

Size of the economic operator: Large

Registration number: CHE-114.158.317

Postal address: Technoparkstrasse 1
Town: Zurich
Postcode: 8005
Country subdivision (NUTS): Zürich (CH040)
Country: Switzerland

Roles of this organisation:

Tenderer

Beneficial owner:

Winner of these lots: LOT-0002

8.1. ORG-7006

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

:

522f44eb-b481-4e05-9742-1818e737d1d1-01

Main reason for change

:

Information now available

Description

:

new info

10.1. Change

Section identifier: UBO-0001

10.1. Change

Section identifier: UBO-0002

10.1. Change

Section identifier: PROCEDURE

10.1. Change

Section identifier: ORG-0003

10.1. Change

Section identifier: ORG-0005

10.1. Change

Section identifier: ORG-0004

- 10.1. Change**
Section identifier: ORG-0001
- 10.1. Change**
Section identifier: ORG-0002
- 10.1. Change**
Section identifier: UBO-0003
- 10.1. Change**
Section identifier: UBO-0005
- 10.1. Change**
Section identifier: UBO-0004
- 10.1. Change**
Section identifier: TPA-0001
- 10.1. Change**
Section identifier: TPA-0002
- 10.1. Change**
Section identifier: TPA-0003
- 10.1. Change**
Section identifier: TPA-0004
- 10.1. Change**
Section identifier: TPA-0005
- 10.1. Change**
Section identifier: CON-0001
- 10.1. Change**
Section identifier: CON-0002
- 10.1. Change**
Section identifier: CON-0003
- 10.1. Change**
Section identifier: CON-0004
- 10.1. Change**
Section identifier: CON-0005
- 10.1. Change**
Section identifier: TEN-0001
- 10.1. Change**
Section identifier: TEN-0002
- 10.1. Change**
Section identifier: TEN-0003
- 10.1. Change**
Section identifier: TEN-0004

- 10.1. Change**
Section identifier: TEN-0005
- 10.1. Change**
Section identifier: RES-0001
- 10.1. Change**
Section identifier: RES-0002
- 10.1. Change**
Section identifier: RES-0003
- 10.1. Change**
Section identifier: RES-0004
- 10.1. Change**
Section identifier: RES-0005
- 10.1. Change**
Section identifier: LOT-0001
- 10.1. Change**
Section identifier: LOT-0002
- 10.1. Change**
Section identifier: LOT-0003
- 10.1. Change**
Section identifier: LOT-0004
- 10.1. Change**
Section identifier: LOT-0005
- 10.1. Change**
Section identifier: LOT-0006

Notice information

Notice identifier/version: 92de9ee7-1aff-41c1-8814-6cf17ab21d5f - 01

Form type: Result

Notice type: Contract or concession award notice – standard regime

Notice subtype: 29

Notice dispatch date: 24/08/2026 16:44:38 (UTC+02:00) Eastern European Time, Central European Summer Time

Languages in which this notice is officially available: English

Notice publication number: 587501-2026

OJ S issue number: 164/2026

Publication date: 26/08/2026