

## 323128-2026 - Competition

Sweden – Laboratory, optical and precision equipments (excl. glasses) – Control electronics for a 21#channel focal MEG system based on high#temperature superconducting SQUIDs

OJ S 91/2026 12/05/2026

Contract or concession notice – standard regime

Supplies

### 1. Buyer

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#### 1.1. Buyer

Official name: Chalmers Tekniska Högskola Aktiebolag

Email: [linnea.caesar@chalmers.se](mailto:linnea.caesar@chalmers.se)

Legal type of the buyer: Public undertaking, controlled by a central government authority

Activity of the contracting authority: Education

### 2. Procedure

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#### 2.1. Procedure

Title: Control electronics for a 21#channel focal MEG system based on high#temperature superconducting SQUIDs

Description: The Quantum Device Physics Lab at the Department of Microtechnology and Nanoscience (MC2) at Chalmers invites tenders for the supply of 21-channel readout and control electronics for HTS SQUID magnetometer arrays. The electronics would be employed for research use in a 21-channel focal MEG system. The system must also be able to operate single channels alone or an arbitrary number of the 21 channels in synchronous. The purpose of this procurement is therefore to acquire low-noise, stable, multichannel HTS SQUID electronics with suitable control, synchronization and documentation. The system must support multichannel operation, be suitable for use in magnetically shielded or partially unshielded environments, and allow practical integration with cryogenic systems, external acquisition and analysis tools. The system must be intended for operation with 21 high-temperature superconducting (HTS) SQUID magnetometers at around 77 K. The contract may include optional accessories or optional future expansion, but only the 21-channel base system is part of the required scope. The solution offered may be delivered as one integrated system or as a modular system that together provides 21 simultaneously operable channels. The offered electronics must be usable immediately after delivery and commissioning and must operate independently of the cryogenic system used, as the cryogenic system may be replaced or modified in the future. The electronics must be new and designed for continuous professional research use on a daily basis throughout the whole year.

Procedure identifier: 9ec89ec0-f059-4488-b82e-5f019316ec65

Internal identifier: C 2026-0303

Type of procedure: Open

The procedure is accelerated: no

Main features of the procedure: This procurement is made in accordance with chapter 19, in the Swedish Act of Procurement (SFS 2016:1145). Due to technical limitations in the procurement system, it is necessary to select an open procedure if the contract is to be advertised in the EU, which is the case here. Therefore, the procedure stated above is incorrect.

### 2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

Additional classification (cpv): 38424000 Measuring and control equipment

### 2.1.2. Place of performance

Country subdivision (NUTS): Hallands län (SE231)

Country: Sweden

### 2.1.3. Value

Estimated value excluding VAT: 999 000,00 SEK

### 2.1.4. General information

#### Legal basis:

Directive 2014/24/EU

### 2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

## 5. Lot

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### 5.1. Lot: LOT-0000

Title: Control electronics for a 21#channel focal MEG system based on high#temperature superconducting SQUIDs

Description: The Quantum Device Physics Lab at the Department of Microtechnology and Nanoscience (MC2) at Chalmers invites tenders for the supply of 21-channel readout and control electronics for HTS SQUID magnetometer arrays. The electronics would be employed for research use in a 21-channel focal MEG system. The system must also be able to operate single channels alone or an arbitrary number of the 21 channels in synchronous. The purpose of this procurement is therefore to acquire low-noise, stable, multichannel HTS SQUID electronics with suitable control, synchronization and documentation. The system must support multichannel operation, be suitable for use in magnetically shielded or partially unshielded environments, and allow practical integration with cryogenic systems, external acquisition and analysis tools. The system must be intended for operation with 21 high-temperature superconducting (HTS) SQUID magnetometers at around 77 K. The contract may include optional accessories or optional future expansion, but only the 21-channel base system is part of the required scope. The solution offered may be delivered as one integrated system or as a modular system that together provides 21 simultaneously operable channels. The offered electronics must be usable immediately after delivery and commissioning and must operate independently of the cryogenic system used, as the cryogenic system may be replaced or modified in the future. The electronics must be new and designed for continuous professional research use on a daily basis throughout the whole year.

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#### 5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

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#### 5.1.2. Place of performance

Country subdivision (NUTS): Hallands län (SE231)

Country: Sweden

### 5.1.3. Estimated duration

Other duration: Unknown

### 5.1.5. Value

Estimated value excluding VAT: 999 000,00 SEK

### 5.1.6. General information

#### Reserved participation:

Participation is not reserved.

Procurement Project not financed with EU Funds.

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

### 5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

### 5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

### 5.1.11. Procurement documents

Deadline for requesting additional information: 28/05/2026 22:00:00 (UTC+00:00) Western European Time, GMT

Address of the procurement documents: <https://tendsign.com/doc.aspx?MeFormsNoticeld=91421>

### 5.1.12. Terms of procurement

#### Terms of submission:

Electronic submission: Required

Address for submission: <https://tendsign.com/doc.aspx?MeFormsNoticeld=91421&GoTo=Tender>

Languages in which tenders or requests to participate may be submitted: English, Swedish

Electronic catalogue: Allowed

Deadline for receipt of tenders: 05/06/2026 21:59:59 (UTC+00:00) Western European Time, GMT

Duration during which the tender must remain valid: 86 Days

#### Information about public opening:

Opening date: 07/06/2026 22:00:00 (UTC+00:00) Western European Time, GMT

Place: Chalmersplatsen 4, Göteborg

#### 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: Förvaltningsrätten i Göteborg

Information about review deadlines: efter tilldelningsbeslut (avtalsspärr), 10 dagar.

Organisation providing more information on the review procedures: Förvaltningsrätten i Göteborg

## 8. Organisations

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### 8.1. ORG-0001

Official name: Chalmers Tekniska Högskola Aktiebolag

Registration number: 5564795598

Department: Inköp och upphandling

Town: GÖTEBORG

Postcode: 41296

Country subdivision (NUTS): Västra Götalands län (SE232)

Country: Sweden

Contact point: Linnea Caesar

Email: [linnea.caesar@chalmers.se](mailto:linnea.caesar@chalmers.se)

Telephone: 031-7721000

Internet address: <http://www.chalmers.se>

#### Roles of this organisation:

Buyer

### 8.1. ORG-0002

Official name: Förvaltningsrätten i Göteborg

Registration number: 202100-2742

Postal address: Box 53197

Town: Göteborg

Postcode: 400 15

Country subdivision (NUTS): Västra Götalands län (SE232)

Country: Sweden

Email: [forvaltningsrattenigoteborg@dom.se](mailto:forvaltningsrattenigoteborg@dom.se)

Telephone: 031-732 70 00

Internet address: <https://www.domstol.se/forvaltningsratten-i-goteborg/>

#### Roles of this organisation:

Review organisation

Organisation providing more information on the review procedures

## Notice information

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Notice type: Contract or concession notice – standard regime

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