## 1. Buyer

### 1.1 Buyer

| | |
|---|---|
| Official name: | Rijksuniversiteit Groningen |
| Legal type of the buyer: | Body governed by public law |
| Activity of the contracting authority: | Education |

## 2. Procedure

### 2.1 Procedure

| | |
|---|---|
| Title: | Direct Electron Detector |
| Description: | The University of Groningen (UG) intends to purchase a new direct electron detector to upgrade the existing Thermo Fisher Scientific Talos Arctica 200 kV transmission cryogenic electron microscope for high-resolution data acquisition of individual proteins and their complexes. The new detector must be fully compatible with the existing microscope and will replace the combination of the current camera and the outdated energy filter. In addition, it should provide the option to be re-mounted after an energy filter to allow for a future upgrade. The detector must enable high-speed data collection while preserving full temporal and spatial resolution. This purchase is carried out in the framework of the ERC Starting Grant “Actin in Action”. The research group Membrane Enzymology will use the upgraded microscope to study the molecular basis of actin-based motility of human pathogens. These samples are biochemically challenging, heterogeneous, and often available only in limited quantities. To obtain high-resolution cryogenic electron microscopy data, the detector must combine maximal acquisition speed, reproducibility, and image quality. The upgrade will ensure that the Talos Arctica microscope is capable of delivering cutting-edge data necessary to answer the scientific questions defined in the grant and to serve the broader user community within the Faculty of Science and Engineering and UMCG. |
| Procedure identifier: | 59ccdeed-64aa-45fc-ad2c-91667c9a3bfe |
| Internal identifier: | 13d0640a-d424-4fdf-9e31-a2c83bbe1265 |
| Type of procedure: | Restricted |

#### 2.1.1 Purpose

| | |
|---|---|
| Main nature of the contract: | Supplies |
| Main classification (cpv): | 38000000 Laboratory, optical and precision equipments (excl. glasses) |

#### 2.1.2 Place of performance

| | |
|---|---|
| Country: | Netherlands |

Anywhere in the given country

| | |
|---|---|
| Additional information: | See documentation |

#### 2.1.3 Value

| | |
|---|---|
| Estimated value excluding VAT: | 538 000 Euro |

#### 2.1.4 General information



Rijksoverheid

Legal basis:

Directive 2014/24/EU

**2.1.6 Grounds for exclusion**

| | |
|---|---|
| Sources of grounds for exclusion: | European Single Procurement Document (ESPD) |

**5. Lot**

**5.1 Lot technical ID: LOT-0000**

| | |
|---|---|
| Title: | Direct Electron Detector |
| Description: | The University of Groningen (UG) intends to purchase a new direct electron detector to upgrade the existing Thermo Fisher Scientific Talos Arctica 200 kV transmission cryogenic electron microscope for high-resolution data acquisition of individual proteins and their complexes. The new detector must be fully compatible with the existing microscope and will replace the combination of the current camera and the outdated energy filter. In addition, it should provide the option to be re-mounted after an energy filter to allow for a future upgrade. The detector must enable high-speed data collection while preserving full temporal and spatial resolution. This purchase is carried out in the framework of the ERC Starting Grant “Actin in Action”. The research group Membrane Enzymology will use the upgraded microscope to study the molecular basis of actin-based motility of human pathogens. These samples are biochemically challenging, heterogeneous, and often available only in limited quantities. To obtain high-resolution cryogenic electron microscopy data, the detector must combine maximal acquisition speed, reproducibility, and image quality. The upgrade will ensure that the Talos Arctica microscope is capable of delivering cutting-edge data necessary to answer the scientific questions defined in the grant and to serve the broader user community within the Faculty of Science and Engineering and UMCG. |
| Internal identifier: | fdbebf3d-4b01-40f2-8d59-523e7c8cb2ef |

**5.1.1 Purpose**

| | |
|---|---|
| Main nature of the contract: | Supplies |
| Main classification (cpv): | 38000000 Laboratory, optical and precision equipments (excl. glasses) |

**5.1.2 Place of performance**

| | |
|---|---|
| Country: | Netherlands |

Anywhere in the given country

| | |
|---|---|
| Additional information: | See documentation |

**5.1.3 Estimated duration**

| | |
|---|---|
| Other duration: | Unknown |

**5.1.5 Value**

| | |
|---|---|
| Estimated value excluding VAT: | 538 000 Euro |

**5.1.6 General information**

| | |
|---|---|
| Reserved participation : | Participation is not reserved. |

Procurement Project fully or partially financed with EU Funds.

The



Rijksoverheid

| | |
|---|---|
| procurement is covered by the Government Procurement Agreement (GPA): | yes |

**5.1.9 Selection criteria**

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|---|---|
| Sources of selection criteria: | European Single Procurement Document (ESPD) |

**5.1.11 Procurement documents**

| | |
|---|---|
| Address of the procurement documents: | https://s2c.mercell.com/today/175015 |

**5.1.12 Terms of procurement**

Terms of submission:

| | |
|---|---|
| Electronic submission: | Allowed |
| Address for submission: | https://s2c.mercell.com/today/175015 |
| Languages in which tenders or requests to participate may be submitted: | English |
| Deadline for receipt of expressions of interest: | 26/10/2025 23:00 +00:00 |

Terms of contract:

| | |
|---|---|
| The execution of the contract must be performed within the framework of sheltered employment programmes : | Not yet known |

**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



Rijksoverheid

| | |
|---|---|
| organisation: | Rechtbank Groningen |
| Information about review deadlines: | nvt |
| Organisation providing additional information about the procurement procedure: | Rijksuniversiteit Groningen |

**8. Organisations**

**8.1 ORG-0001**

| | |
|---|---|
| Official name : | Rijksuniversiteit Groningen |
| Registration number: | 01179037 |
| Postal address: | Broerstraat 5 |
| Town: | Groningen |
| Postcode: | 9712CP |
| Country subdivision (NUTS): | Overig Groningen (NL115) |
| Country: | Netherlands |
| Contact point : | Esther Arends |
| Email: | e.r.arends@rug.nl |
| Telephone: | +31653239942 |
| Internet address: | https://www.rug.nl |

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

**8.1 ORG-0002**

| | |
|---|---|
| Official name : | Rechtbank Groningen |
| Registration number: | 82950385 |
| Department: | Rechtbank |
| Postal address: | Guyotplein 1 |
| Town: | Groningen |
| Postcode: | 9712NX |
| Country subdivision (NUTS): | Overig Groningen (NL115) |
| Country: | Netherlands |
| Contact point : | nvt |



Rijksoverheid

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|---|---|
| Email: | info.rechtbanknoordnederland@rechtspraak.nl |
| Telephone: | +310883614444 |
| Fax: | +310883614444 |
| Internet address: | https://www.rechtspraak.nl/Organisatie-en-contact/Organisatie/Rechtbanken/Rechtbank-Noord-Nederland |
| Information exchange endpoint (URL): | https://www.rechtspraak.nl/Organisatie-en-contact/Organisatie/Rechtbanken/Rechtbank-Noord-Nederland |

Roles of this organisation:

Review organisation

**Notice information**

| | |
|---|---|
| Notice identifier /version: | b96e61ad-8fa3-4082-999a-25b40b3e091c - 01 |
| Form type: | Competition |
| Notice type: | Prior information notice or a periodic indicative notice used as a call for competition – standard regime |
| Notice dispatch date : | 02/10/2025 08:03 +00:00 |
| Notice dispatch date (eSender): | 02/10/2025 08:13 +00:00 |
| Languages in which this notice is officially available: | English |



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