116822-2026 - Result

Denmark – Laboratory, optical and precision equipments (excl. glasses) – 2026-0946837 - Purchase of a heliX®cyto Biosensor
OJ S 34/2026 18/02/2026
Contract or concession award notice – standard regime
Supplies

1. Buyer

1.1. Buyer

Official name: Aarhus Universitet
Email: asst@au.dk
Legal type of the buyer: Body governed by public law
Activity of the contracting authority: Education

2. Procedure

2.1. Procedure

Title: 2026-0946837 - Purchase of a heliX®cyto Biosensor
Description: The heliXcyto machine is needed by researchers at Aarhus University to investigate advanced molecular analysis interaction on single cells in physiological conditions that requires this unique instrument. The heliXcyto provides real-time measurements of molecular binding events on single cells due to the unique cage capture feature on reuseable chips.
Procedure identifier: bc4775ed-458e-4d17-a309-b8d1c33464e9
Internal identifier: 174afd30-874a-4813-9e94-1c88a7f0597e
Type of procedure: Negotiated without prior call for competition

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: Denmark
Anywhere in the given country

2.1.4. General information

Legal basis:
Directive 2014/24/EU

5. Lot

5.1. Lot: LOT-0000

Title: 2026-0946837 - Purchase of a heliX®cyto Biosensor
Description: The heliXcyto machine is needed by researchers at Aarhus University to investigate advanced molecular analysis interaction on single cells in physiological conditions

that requires this unique instrument. The heliXcyto provides real-time measurements of molecular binding events on single cells due to the unique cage capture feature on reuseable chips.
Internal identifier: 4d6b8f22-2e5c-49f8-a79d-a697d77300fe

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: Denmark
Anywhere in the given country

5.1.6. General information

Procurement Project not financed with EU Funds.
The procurement is covered by the Government Procurement Agreement (GPA): yes

5.1.10. Award criteria

Criterion:
Type: Quality
Name: Quality
Description: The heliXcyto has a number of specifications that meets the criteria for allowing single cell analysis for our research investigations, that also differentiates itself from an alternative technology that measures binding on a lawn of seeded cell population, the LigandTracer, specifically: 1) the ability to measure real-time binding on single cells in a fully automated device. 2) equipped with an advanced microfluidic system. 3) can detect two fluorescent signals (red and green) at a time. This offers the ability to use FRET assays as well. 4) offers persistent fluorescence recording during measurement (not intermittent) with up to 100 ms real-time data resolution. 5) measurement temperature can be regulated from 15-40° C on a reuseable chip, which is regenerated automatically. 6) equipped with an autosampler with 96-well plate capacity for automated throughput of ~ 10 runs (interactions) with only 30 min of hands-on time.
Category of award weight criterion: Weight (percentage, exact)
Award criterion number: 100

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: Klagenævnet for udbud
Information about review deadlines: In case of complaints about tenders or decisions, e.g. award of contracts covered by Section II or III in the Danish Public Procurement Act must be submitted to the Complaints Board for Public Procurement (Klagenævnet for udbud) within 45 calendar days from the day after the contractor published a notice in the Official Journal on the conclusion of a contract. At the latest concurrently with submission of an appeal to the Complaints Board for Public Procurement, the complainant must inform the Contracting Authority of the alleged infringement, and whether the appeal is to be referred to the board.

Organisation providing more information on the review procedures: Konkurrence- og Forbrugerstyrelsen
Organisation whose budget is used to pay for the contract: Aarhus Universitet
Organisation executing the payment: Aarhus Universitet

6. Results

Value of all contracts awarded in this notice: 1 999 850,00 DKK
Direct award
:
Justification for direct award: The contract can be provided only by a particular economic operator because of an absence of competition for technical reasons
Other justification: The heliXcyto machine is needed by researchers at Aarhus University to investigate advanced molecular analysis interaction on single cells in physiological conditions that requires this unique instrument. The heliXcyto provides real-time measurements of molecular binding events on single cells due to the unique cage capture feature on reuseable chips. Receptor-specific precision medicines rely on truly understanding interaction with cell receptor targets on single cells and the real-time binding events in their natural state. This is of particular importance for multivalent drug designs for tuning the affinity and avidity of interaction being developed at Aarhus University. Current gold-standard methods for measuring receptor-ligand binding events, however, such as surface plasmon resonance, only measure binding to the purified protein receptors on artificial surfaces. This fails to capture the complexity of intact cells, where receptor density, mobility and co-receptors shape the outcome of binding events, leaving a critical gap in therapeutic development and understanding of biological relevance. In addition, these technologies fail to perform biophysical analysis of membrane target molecules which cannot be isolated. Furthermore, the heliXcyto has a number of specifications that meets the criteria for allowing single cell analysis for our research investigations, that also differentiates itself from an alternative technology that measures binding on a lawn of seeded cell population, the LigandTracer, specifically: 1) the ability to measure real-time binding on single cells in a fully automated device. 2) equipped with an advanced microfluidic system. 3) can detect two fluorescent signals (red and green) at a time. This offers the ability to use FRET assays as well. 4) offers persistent fluorescence recording during measurement (not intermittent) with up to 100 ms real-time data resolution. 5) measurement temperature can be regulated from 15-40°C on a reuseable chip, which is regenerated automatically. 6) equipped with an autosampler with 96-well plate capacity for automated throughput of ~ 10 runs (interactions) with only 30 min of hands-on time. The evaluation by the buyer that there is no comparable product that meets the aforementioned criteria needed for the research and is based on the buyer’s internet market analysis and experience in the field, and discussions, for example, at scientific meetings in the field with instrument providers.

6.1. Result lot identifier: LOT-0000

Winner selection status: At least one winner was chosen.

6.1.2. Information about winners

Winner:
Official name: Dynamic Biosensors GmbH
Tender:
Tender identifier: 2026-0946837 - Purchase of a heliX®cyto Biosensor
Identifier of lot or group of lots: LOT-0000

Value of the tender: 199 985,00 DKK
Subcontracting: No
Contract information:
Identifier of the contract: 2026-0946837 - Purchase of a heliX®cyto Biosensor (Dynamic Biosensors GmbH)
Date of the conclusion of the contract: 05/02/2026

6.1.4. Statistical information

Summary of the review requests the buyer received:
Number of complainants: 0
Received tenders or requests to participate:
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

8. Organisations

8.1. ORG-0001

Official name: Aarhus Universitet
Registration number: 31119103
Postal address: Nordre Ringgade 1
Town: Aarhus C
Postcode: 8000
Country subdivision (NUTS): Østjylland (DK042)
Country: Denmark
Contact point: Ann Sophie Steffensen
Email: asst@au.dk
Telephone: 23382421
Internet address: https://www.au.dk/
Roles of this organisation:
Buyer
Organisation whose budget is used to pay for the contract
Organisation executing the payment

8.1. ORG-0002

Official name: Klagenævnet for udbud
Registration number: 37795526
Postal address: Toldboden 2
Town: Viborg
Postcode: 8800
Country subdivision (NUTS): Vestjylland (DK041)
Country: Denmark
Contact point: Klagenævnet for udbud
Email: klfu@naevneneshus.dk
Telephone: +45 72405708
Internet address: https://erhvervsstyrelsen.dk/klagenaevnet-for-udbud
Roles of this organisation:
Review organisation

8.1. ORG-0003

Official name: Konkurrence- og Forbrugerstyrelsen

Registration number: 10294819
Postal address: Carl Jacobsens Vej 35
Town: Valby
Postcode: 2500
Country subdivision (NUTS): Byen København (DK011)
Country: Denmark
Contact point: Konkurrence- og Forbrugerstyrelsen
Email: kfst@kfst.dk
Telephone: +45 41715000
Internet address: https://www.kfst.dk
Roles of this organisation:
Organisation providing more information on the review procedures

8.1. ORG-0004

Official name: Dynamic Biosensors GmbH
Size of the economic operator: Micro, small, or medium
Registration number: DE282823215
Town: München
Postcode: 81379
Country subdivision (NUTS): München, Kreisfreie Stadt (DE212)
Country: Germany
Roles of this organisation:
Tenderer
Winner of these lots: LOT-0000

8.1. ORG-0005

Official name: Mercell Holding ASA
Registration number: 980921565
Postal address: Askekroken 11
Town: Oslo
Postcode: 0277
Country subdivision (NUTS): Oslo (NO081)
Country: Norway
Contact point: eSender
Email: publication@mercell.com
Telephone: +47 21018800
Fax: +47 21018801
Internet address: http://mercell.com/
Roles of this organisation:
TED eSender

Notice information

Notice identifier/version: f1c80620-f0e3-45a6-a0fd-d225e296d8da - 01
Form type: Result
Notice type: Contract or concession award notice – standard regime
Notice subtype: 29
Notice dispatch date: 16/02/2026 14:44:25 (UTC+00:00) Western European Time, GMT
Notice dispatch date (eSender): 16/02/2026 14:56:01 (UTC+00:00) Western European Time, GMT

Languages in which this notice is officially available: English
Notice publication number: 116822-2026
OJ S issue number: 34/2026
Publication date: 18/02/2026