1. Buyer

1.1 Buyer

Official name: Radboud Universiteit Nijmegen

2. Procedure

2.1 Procedure

Title: Purchase of Spatial Molecular Imager Sole Source Justification

Description: Key Features and Benefits of the CosMx SMI Technology • Large Panels: Pre-designed panels with up to 6175-plex for RNA (Whole Transcriptome coming in 2025) and up to 64-plex for protein. Option to customize for both RNA and Protein Assays • High sensitivity: accurately detect low copy number genes • High resolution: subcellular resolution with < 50 nm transcript localization precision • Any analyte analysis: true spatial-omic capabilities, enabling analysis of both RNA and protein • Multiple sample type compatibility: Formalin-Fixed Paraffin- Embedded, Fresh Frozen, TMAs, and Organoids • True single cell analysis: uses multimodal methods with machine learning for accurate cell segmentation For a system to be equivalent to the CosMx Spatial Molecular Imager, it must: • Be able to quantify up to 76 proteins and up to 19,000 RNA targets • Be able to collect up to 4 slides of data in a single experimental run • Be compatible with FFPE and FF tissue sections • Provide a complete end-to-end solution; including acquisition, analysis, and visualization • Provide cloud storage and processing for data and analysis • Require no reverse transcription, amplification, or enzyme for analyte detection • Require no tissue clearing or gel embedding for sample preparation • Provide flexible scan area selection ranging from 0.25 mm2 to 300 mm2 per slide • Be able to perform measurements of individual RNA and provide a digital output

Procedure identifier: 9327408e-333d-4939-bf17-a7096d5ef1e6

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: Netherlands

Anywhere in the given country

Additional information: Zie documentatie

2.1.4 General information

Legal basis:

Directive 2014/24/EU

5. Lot

5.1 Lot technical ID: LOT-0000

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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)

5.1.2 Place of performance

Country:	Netherlands

Anywhere in the given country

Additional information:	Zie documentatie

5.1.6 General information

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

5.1.16 Further information, mediation and review

Review organisation:	Rechtbank Gelderland

6. Results

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:	CosMx® Spatial Molecular Imager (SMI) is a novel in situ technology (proprietary to Bruker Spatial Biology) that combines the power of high-plex profiling with high-resolution imaging and allows researchers to visualize and quantify targeted protein and gene expression on formalin-fixed paraffin-embedded (FFPE) tissue, fresh frozen (FF) tissue, tissue microarrays (TMAs) or organoids on a microscope slide. In contrast to most current single-cell analysis technologies, which are applied to dissociated cells, CosMx SMI enables researchers to analyze hundreds to thousands of RNAs or proteins directly from single cells, down to subcellular resolution, within morphologically intact tissue samples. This provides a higher multiplexing capacity (6,000+ targets) all with spatial context from formalin-fixed, paraffin-embedded (FFPE) or fresh frozen (FF) tissue sections. The CosMx SMI platform is an integrated system with mature cyclic in situ hybridization chemistry, ultra-high-resolution imaging readout instrument, and cloud-based, interactive data analysis and visualization software. Sample preparation involves standard in situ hybridization (ISH) processing steps and allows direct use of pathology lab-standard glass slides without any tissue expansion or clearing and does not require any cDNA synthesis or amplification. RNA or protein targets in individual cells are identified through hybridization of targets with specific probes or antibodies labelled with a unique barcode system, followed by readout of the barcode with cyclic rounds of fluorescently labeled reporter probe imaging. Each RNA appears as a single spot in cells and digitally quantified by counting the number of imaged spots. All data is then migrated to cloud storage where users will be provided with analysis and visualization tools and will also have the opportunity to incorporate custom analysis workflows.

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6.1 Result lot Identifier: LOT-0000

6.1.2 Information about winners

Winner:	
Official name :	Bruker Spatial Biology, Inc
Tender:	
Tender identifier:	T155949
Identifier of lot or group of lots:	LOT-0000
The tender was ranked:	no
Contract information:	
Identifier of the contract:	T155949

8. Organisations

8.1 ORG-0001

Official name :	Radboud Universiteit Nijmegen
Registration number:	41055629
Postal address:	Houtlaan 4
Town:	Nijmegen
Postcode:	6525XZ
Country subdivision (NUTS):	Arnhem/Nijmegen (NL226)
Country:	Netherlands
Contact point :	Jan Kiprianidis
Email:	jan.kiprianidis@ru.nl
Telephone:	+31625015505
Internet address:	https://www.ru.nl
Buyer profile :	https://s2c.mercell.com/buyer/7659
Roles of this organisation:	
Buyer	

8.1 ORG-0002

Official name :	Rechtbank Gelderland
Registration number:	82940827
Department:	Locatie Arnhem
Postal address:	Walburgstraat 2-4
Town:	Arnhem

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Postcode:	6811CD
Country subdivision (NUTS):	Arnhem/Nijmegen (NL226)
Country:	Netherlands
Contact point :	Rechtbank arnhem
Email:	kortgeding.arnhem@rechtspraak.nl
Telephone:	+31883612000
Fax:	+31883612000
Internet address:	https://www.rechtspraak.nl/

Roles of this organisation:

Review organisation

8.1 ORG-0003

Official name :	Bruker Spatial Biology, Inc
Town:	seattle
Postcode:	WA 98109
Country:	United States
Email:	info@nanostring.com
Telephone:	(888) 358-6266

Roles of this organisation:

Tenderer

Winner of these lots:	LOT-0000

Notice information

Notice identifier /version:	ac130e68-0a6e-40d8-8027-286f1f74bcc9 - 01
Form type:	Direct award preannouncement
Notice type:	Voluntary ex-ante transparency notice
Notice dispatch date :	05/06/2025 14:42 +00:00
Notice dispatch date (eSender):	05/06/2025 14:48 +00:00
Languages in which this notice is officially available:	English

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