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Contract

Patchliner automated ePhys patch-clamping system

Cardiff University

F03: Contract award notice

Notice identifier: 2022/S 000-012569

Procurement identifier (OCID): ocids-h6vhtk-028d41

Published 16 May 2022, 9:20am

Section I: Contracting authority

I.1) Name and addresses

Cardiff University

Procurement Services, McKenzie House, 30-36 Newport Road

Cardiff

CF24 0DE

Email

franklinsp@cf.ac.uk

Telephone

+44 2920879648

Country

United Kingdom

NUTS code

UKL - Wales

Internet address(es)

Main address

<http://www.cardiff.ac.uk/business/why-work-with-us/for-suppliers>

Buyer's address

https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0258

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Patchliner automated ePhys patch-clamping system

Reference number

CU.529.SF

II.1.2) Main CPV code

- 33110000 - Imaging equipment for medical, dental and veterinary use

II.1.3) Type of contract

Supplies

II.1.4) Short description

Patchliner automated ePhys patch-clamping system for characterisation of cell surface and intracellular ion channels

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: 244,100 EUR

II.2) Description

II.2.2) Additional CPV code(s)

- 33110000 - Imaging equipment for medical, dental and veterinary use

II.2.3) Place of performance

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

II.2.4) Description of the procurement

Patchliner automated ePhys patch-clamping system for characterisation of cell surface and intracellular ion channels

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The services can be provided only by a particular economic operator for the following reason:
 - absence of competition for technical reasons

Explanation:

The Patchliner is a fully automated planar patch-clamping system with unparalleled versatility, compared to rival automated systems, and ease-of-use compared to conventional patch-clamping, which requires several months specialist training. This ease-of-use is the key attribute, as high quality electrophysiology data can be generated after just one training session, making the equipment realistically multi-user and allowing PhD or undergraduate students to perform otherwise complex ion channel electrophysiological recordings. The equipment will allow basic research into ion channel function, such as ion permeability, voltage dependency, and the effects of ligands and modulators on these, and ion channel directed drug discovery, by researchers who are not expert electrophysiologists. Planar patch-clamping systems utilise borosilicate glass chips with a micron size aperture, embedded in a microfluidic chamber, to take the place of pipettes in a conventional patch-clamping set up. Negative pressure attracts cells to the aperture, where a reliable seal is formed automatically with the cell, allowing recording of ion flux. We will use this equipment for 1) ion channel targeted drug discovery, 2) characterisation of differentiated stem cell models (e.g. neurons, cardiomyocytes), 3) phenotypic characterisation of ion channels, 4) characterisation of pore-forming toxin ion permeability, 5) ion flux in plant cells and 6) the impact of biomaterials and artificial amino acids on ion channel function.

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2021/S 000-001515](#)

Section V. Award of contract

Contract No

CU.359.SF

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

25 January 2021

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Nanion Technologies GmbH

Ganghoferstr. 70A

Muenchen

80339

Telephone

+49 892190950

Fax

+49 89218997960

Country

Germany

NUTS code

- DE212 - München, Kreisfreie Stadt

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: 244,100 EUR

Section VI. Complementary information

VI.3) Additional information

(WA Ref:121324)

VI.4) Procedures for review

VI.4.1) Review body

High Court

Royal Courts of Justice, The Strand

London

WC2A 2LL

Telephone

+44 2079477501

Country

United Kingdom