This is a published notice on the Find a Tender service: https://www.find-tender.service.gov.uk/Notice/006255-2021

Contract

NCA30952 Perkin Elmer Opera, SE Funded, SCRM

University Of Edinburgh

F03: Contract award notice
Notice identifier: 2021/S 000-006255
Procurement identifier (OCID): ocds-h6vhtk-029fe1
Published 26 March 2021, 3:56pm

Section I: Contracting authority

I.1) Name and addresses

University Of Edinburgh

Charles Stewart House, 9-16 Chambers Street

Edinburgh

EH1 1HT

Email

andrew.helmn@ed.ac.uk

Telephone

+44 1316502508

Country

United Kingdom

NUTS code

UKM75 - Edinburgh, City of

Internet address(es)

Main address

http://www.ed.ac.uk/schools-departments/procurement/supplying

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00107

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

NCA30952 Perkin Elmer Opera, SE Funded, SCRM

Reference number

NCA30952

II.1.2) Main CPV code

- 38510000 - Microscopes

II.1.3) Type of contract

Supplies

II.1.4) Short description

Opera Phenix® Plus

HIGH-CONTENT SCREENING SYSTEM

Opera Phenix® Plus is a high throughput microplate confocal imager for High-Content Screening (HCS). It can acquire, analyze and manage fluorescence, brightfield and digital phase contrast images.

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: £718,902

II.2) Description

II.2.2) Additional CPV code(s)

- 38510000 - Microscopes

II.2.3) Place of performance

NUTS codes

- UKM75 - Edinburgh, City of

Main site or place of performance

MRC Centre for Regenerative Medicine

University of Edinburgh

Edinburgh BioQuarter

5 Little France Drive

Edinburgh

EH16 4UU

II.2.4) Description of the procurement

Under Regulation Reg 33(1)(b)(ii) of the Public Contracts (Scotland) Regulations 2015, a contracting authority may use the negotiated procedure without the prior publication in the case of a public contract, based on the following justification:

Competition is absent for technical reasons (only if it is not caused by artificial narrowing down of the parameters of the procurement and no reasonable alternative or substitute exists)

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 50

Price - Weighting: 50

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:

This purchase will ensure continuity of our data processing and experimental setup, Columbus is not interchangeable with other high content platforms currently on the market. If we purchased an alternative platform, it would also require additional licenses for new software and computer hardware, these collateral costs are beyond our current budgetary scope. The Opera Phenix Plus is the only high content screening system available on the market that: i) Will be equipped with up to 3 proprietary high NA automated water immersion objectives of different magnifications for shorter measurement times and improved z-resolution in 3D imaging. This technology is covered by two patent families, granted EP1386189 B1, US7304793 B2:" and EP1646902 B1, US7961384 B2:. It will allow us to visualise in 3D spheroids, organoids and embryos in higher resolution and clarity. This is one of the highest priority in our research scopes to have instrument capable of 3D imaging for 3D disease models. Additionally, it will let us resolve the very small details in cells like protein interaction and RNA localisation and perform neuronal assays (spine analysis, vesicles). ii) Employs a micro lens enhanced dual Nipkow spinning disk concept with proprietary confocal Synchrony Optics™ which separates excitation of adjacent fluorescence channels in time and space to reduce spectral crosstalk during simultaneous multicolor confocal imaging on average by 98%. This technology is covered by patent, granted US Patent 9,612,428. This will allow us to use more colours to be imaged simultaneously with unprecedented speed rendering images without crosstalk between colours making analysis data much easier. This is vital to analyse small details like intracellular organelles. Synchrony Optics™ is crucial for high throughput assays such as compound screens because it removes the need for image post processing reducing time and a storage. iii) Patent-pending PreciScan extension which determines the z-position of the object and use it in a re-scan. PreciScan allows to quickly find region of interest in low magnification and rescan it in higher magnification for more details. This feature is of most importance for our imaging needs allowing us to perform detection of rare events happening in cells, reduction of data load and increase of imaging speed.

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

The procurement is covered by the Government Procurement Agreement: Yes

Section V. Award of contract

Contract No

NCA30952

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

25 March 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: 1

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

Number of tenders received by electronic means: 0

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

V.2.3) Name and address of the contractor

Perkin Elmer LAS Ltd

Chalfont Road

Seer Green / Buckinghamshire

HP9 2FX

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

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

Total value of the contract/lot: £718,902

Section VI. Complementary information

VI.3) Additional information

This purchase will ensure continuity of our data processing and experimental setup, Columbus is not interchangeable with other high content platforms currently on the market. If we purchased an alternative platform, it would also require additional licenses for new software and computer hardware, these collateral costs are beyond our current budgetary scope.

The Opera Phenix Plus is the only high content screening system available on the market that:

1) Will be equipped with up to 3 proprietary high NA automated water immersion objectives of different magnifications for shorter measurement times and improved z-resolution in 3D imaging. This technology is covered by two patent families, granted EP1386189 B1, US7304793 B2:" and EP1646902 B1, US7961384 B2:. It will allow us to visualise in 3D spheroids, organoids and embryos in higher resolution and clarity. This is one of the highest priority in our research scopes to have instrument capable of 3D imaging for 3D disease models. Additionally, it will let us resolve the very small details in cells like protein interaction and RNA localisation and perform neuronal assays (spine analysis, vesicles).

2) Employs a micro lens enhanced dual Nipkow spinning disk concept with proprietary confocal Synchrony Optics™ which separates excitation of adjacent fluorescence channels in time and space to reduce spectral crosstalk during simultaneous multicolor confocal imaging on average by 98%. This technology is covered by patent, granted US Patent 9,612,428. This will allow us to use more colours to be imaged simultaneously with unprecedented speed rendering images without crosstalk between colours making analysis data much easier. This is vital to analyse small details like intracellular organelles. Synchrony Optics™ is crucial for high throughput assays such as compound screens because it removes the need for image post processing reducing time and a storage.

3) Patent-pending PreciScan extension which determines the z-position of the object and use it in a re-scan. PreciScan allows to quickly find region of interest in low magnification and rescan it in higher magnification for more details. This feature is of most importance for our imaging needs allowing us to perform detection of rare events happening in cells, reduction of data load and increase of imaging speed.

(SC Ref:648972)

VI.4) Procedures for review

VI.4.1) Review body

Edinburgh Sheriff Court & Justice of the Peace Court

Edinburgh

Country

United Kingdom