

United Kingdom-London: Instruments for checking physical characteristics
OJ S 74/2017 14/04/2017
Contract award notice
Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: The Francis Crick Institute

Postal address: 1 Midland Road

Town: London

NUTS code: UK United Kingdom

Postal code: NW1 1AT

Country: United Kingdom

E-mail: tenders@crick.ac.uk

Telephone: +44 2037961286

Internet address(es):

Main address: www.crick.ac.uk

I.4. Type of the contracting authority

Body governed by public law

I.5. Main activity

Other activity: Biomedical Research

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Flow Cytometry Analysis and Cell Sorting Solution.

II.1.2. Main CPV code

38400000 Instruments for checking physical characteristics

II.1.3. Type of contract

Supplies

II.1.4. Short description

The Francis Crick Institute requires 2 high-end 5 laser Flow Cytometers, (an analyser and cell sorter) that incorporate the very latest technologies available in the field, to enable the analysis and cell sorting of samples containing Dangerous Pathogens (ACDP) at containment 3 level.

All of these experiments can frequently need up to 18 fluoro-chromes requiring excitation by a combination of 355 nm, 405 nm, 488 nm, 561 nm and 640 nm lasers.

A VEAT notice relating to this procurement was previously published.

OJEU Link: <http://ted.europa.eu/udl?uri=TED:NOTICE:87101-2017:TEXT:EN:HTML&src=0>

II.1.6.

Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 776 000,00 GBP

II.2. Description

II.2.2. Additional CPV code(s)

38430000 Detection and analysis apparatus, 38400000 Instruments for checking physical characteristics, 38434000 Analysers, 38434510 Cytometers

II.2.3. Place of performance

NUTS code: UK United Kingdom

Main site or place of performance: The Francis Crick Institute, 1 Midland Road, London, NW1 1AT.

II.2.4. Description of the procurement

The Francis Crick Institute requires two high-end 5 laser Flow Cytometers, (an analyser and cell sorter) that incorporate the very latest technologies available in the field, to enable the analysis and cell sorting of samples containing Dangerous Pathogens (ACDP) at containment 3 level. All of these experiments can frequently need up to 18 fluorochromes requiring excitation by a combination of 355 nm, 405 nm, 488 nm, 561 nm and 640 nm lasers. A VEAT notice relating to the description of the supplies was previously issued — ref.

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

II.2.14. Additional information

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 Official Journal of the European Union in the cases listed below

- The procurement falls outside the scope of application of the directive

Explanation:

The Francis Crick Institute intends to procure 2 Flow Cytometers from Becton Dickinson, as we are unaware of any other supplier who would be able to provide two high end 5 laser Flow-Cytometers, a sorter and an analyser, where both cytometers are identical in optical layout, optical filter configurations and fully compatible software, along with the patented Becton Dickinson technology. This would enable the Crick to analyse and sort samples containing Dangerous Pathogens (ACDP).

The instruments would installed to customised requirements as both instruments need to be contained within a custom-built Class I Biological Safety Cabinet which will require daily fumigation with no damage to laser or optical systems. Sufficient room is needed within the hood to manipulate samples safely so the systems must be capable of being modified to fit the required space constraints if necessary.

The key requirements for both cytometers are: Optical pathway:

— Reflective octagon and trigon-shaped detection system to maximize signal sensitivity on all parameters.

— Detection of a minimum of eighteen fluorescence parameters plus 2 light scatter parameters.

— Interchangeable optical filters without the need to realign.

Processing rate

— The cytometer will be capable of achieving processing/acquisition rates of 70 000 (seventy thousand) events per second at 18-bit resolution or higher.

Sensitivity and detection system

— Fluorescence Sensitivity measured at 70 psi and 488 nm laser excitation will be less than 90 (ninety) MESF (molecules of equivalent soluble fluoro-chrome) for FITC and less than 30 MESF for PE channels and have a relative fluorescence detection efficiency (Qr) of more than 90 for FITC and more than 650 for PE.

— FSC resolution should be less than 0.6 microns.

— PMTs will have high signal to noise ratio, and be able to detect the entire fluorescence spectrum in the range of 300 nm to 900 nm.

Laser Lines

— 5 pinholes, one each for solid state laser operating at wavelengths around 355 nm (three five five), 405 nm (four zero five), 488 nm (four eight eight), 561 nm (five six one), 640 nm (six four zero).

— Lasers should be aligned independently through separate pinholes — lasers should be spatially separated not co-linear.

— Lasers will be controlled independently via a software interface

Software

— Both instruments will be operated using identical software so the same protocol can be used on either.

— Identical configuration and parameters will allow analysis.

IV.1.3. Information about a framework agreement or a dynamic purchasing system

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

The procurement is covered by the Government Procurement Agreement: no

IV.2. Administrative information

IV.2.1. Previous publication concerning this procedure

Notice number in the OJ S: [2017/S 047-087101](#)

IV.2.8. Information about termination of dynamic purchasing system

IV.2.9. Information about termination of call for competition in the form of a prior information notice

Section V: Award of contract

Contract No: CRICKITT0109

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

12/04/2017

V.2.2. Information about tenders

Number of tenders received: 1

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

V.2.3. Name and address of the contractor

Official name: BD Biosciences

Postal address: The Danby Building, Edmund Halley Road

Town: Oxford

NUTS code: UK United Kingdom

Postal code: OX4 4DQ

Country: United Kingdom

E-mail: Stephen.Rackstraw@bd.com

Internet address: <http://www.bd.com/uk>

The contractor is an SME: no

V.2.4. Information on value of the contract/lot

Total value of the contract/lot: 776 000,00 GBP

V.2.5. Information about subcontracting

Section VI: Complementary information

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body

Official name: The Francis Crick Institute

Postal address: 1 Midland Road

Town: London

Postal code: NW1 1AT

Country: United Kingdom

E-mail: tenders@crick.ac.uk

Internet address: www.crick.ac.uk

VI.5. Date of dispatch of this notice

12/04/2017