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Contract

Provision of Real Time PCR System and Accessories

London School of Hygiene & Tropical Medicine

F03: Contract award notice
Notice identifier: 2021/S 000-028628
Procurement identifier (OCID): ocds-h6vhtk-02f743
Published 16 November 2021, 5:10pm

Section I: Contracting authority

I.1) Name and addresses

London School of Hygiene & Tropical Medicine

Keppel Street,

London

WC1E 7HT

Contact

Paul Pester

Email

paul.pester@lshtm.ac.uk

Telephone

+44 02079272471

Country

United Kingdom

NUTS code

UKI31 - Camden and City of London

National registration number

RC000330

Internet address(es)

Main address

http://www.lshtm.ac.uk

Buyer's address

https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/104519

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Health

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Provision of Real Time PCR System and Accessories

Reference number

LSHTM-2021-34

II.1.2) Main CPV code

- 38951000 - Real-time Polymerase Chain Reaction (PCR) equipment

II.1.3) Type of contract

Supplies

II.1.4) Short description

Provision of Real Time PCR Systems and accesories to the MRC Unit The Gambia at LSHTM.

FluidIGM Biomark HD System

FluidIGM Juno System

FluidIGM C1

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: £335,696.95

II.2) Description

II.2.3) Place of performance

NUTS codes

- GM - The Gambia

Main site or place of performance

MRC Unit the Gambia at LSHTM

II.2.4) Description of the procurement

Provision of Real Time PCR System and Accessories to be delivered to MRC Unit the Gambia at LSHTM. Three year warranty and extended coverage included.

Fluidigm Biomark HD which allows high throughput quantitative PCR validation of RNA gene expression.

Juno system to enable scalable, automated NGS library preparation for Illumina sequencers and IFC preparation for gene expression, genotyping and digital PCR applications.

Fluidigm C1 which performs single-cell sequencing.

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

Significantly enhance research capacity at MRCG, which is essential for generating high-impact research publications. The information gained will provide novel insights for our work on Tuberculosis, Malaria & Vaccines and will strengthen our alliance with the West Africa Global Health Alliance and other international collaborators.

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 procurement falls outside the scope of application of the regulations

Explanation:

The MRC Unit the Gambia at LSHTM believes that the items required are unique and proprietary to the supplier with no other equivalent items available on the marketplace. There are also no resellers within the UK or the Gambia.

The BioMark HD System is a unique research and development tool based on proprietary integrated fluidic circuit (IFC) technology that is available solely from Fluidigm. The BioMark HD System is a fully integrated system enabling analysis of gene expression, genotyping, mutant detection, and absolute quantification of nucleic-acid sequences utilizing Digital Array™ and/or Dynamic Array™ IFC technology. The system is solely produced by Fluidigm and the key components are patented and designed to operate as an integrated system. No third-party systems or components are licensed for use on the BioMark HD System or Digital Array and Dynamic Array IFCs. Data generated by the BioMark HD System from experiments run on IFCs can be exported into a variety of common formats for processing in external third party or proprietary software (which include file export mechanisms supporting the common formats).

The Juno™ system is available only from Fluidigm that combines integrated fluidic circuit (IFC) control and thermal cycling functions in a single instrument. The key components are patented and designed to operate as an integrated system. It includes the Fluidigm proprietary multilayer soft lithography (MSL®) process and silicone Nanoflex™ valve technology, which enable high-quality and consistent IFC production and are all unique to Fluidigm. Fluidigm utilizes proprietary design and production processes for all genotyping, gene expression, digital PCR and NGS library preparation IFCs. Each IFC enables researchers to prepare and automate nanoliter-volume reactions with Juno.

C1™ is a unique and proprietary microfluidics system designed to isolate and prepare individual cells for genomic analysis applications. C1 is a fully integrated system that enables capture, staining for cell viability, imaging of cells for viability and phenotype, cell lysis and template preparation from up to 800 single cells, all on a single platform. The platform is comprised of the C1 system, which includes controller software for IFC loading, priming, and processing; the C1 IFC for cell capture and preparation; and C1

reagent kits containing reagents for cell suspension, lysis and harvest. The system is solely produced by Fluidigm, and the key components are patented and designed to operate as an integrated system. The C1 IFC is a proprietary integrated fluidic circuit that captures and prepares up to 800 individual cells in parallel and is the only IFC compatible with the C1 system. The IFC is based on Fluidigm multilayer soft lithography (MSL®) technology, a patented method that enables automatic and precise mixing of reagents into cell-independent, fixed, partitioned nanoliter reaction chambers, preventing sample mix-up or cross contamination. The C1 IFC requires as few as 200 cells for starting material, reduces reagent usage 200-fold and reagent costs by eight-fold, depending on the genomic application.

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

The procurement is covered by the Government Procurement Agreement: Yes

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Section V. Award of contract

Contract No

LSHTM-2021-34

Title

Provision of Real Time PCR System and Accesories

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

15 November 2021

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

Fluidigm UK Limited

12 New Fetter Lane

London

EC4A 1JP

Country

United Kingdom

NUTS code

- UK - United Kingdom

National registration number

06612614

The contractor is an SME

No

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

Total value of the contract/lot: £335,696.95

Section VI. Complementary information

VI.3) Additional information

Precise information on deadline(s) for review procedures:

The Authority will allow a minimum 10 calendar day standstill period between notifying the award decision and awarding the contract.

Should additional information be required it should be requested from the addressee in section I.1. Aggrieved parties who have been harmed or are at risk of harm by breach of the procurement rules have the right to take action in the High Court (England and Wales). Any such action is subject to strict time limits in accordance with the Public Contracts (Amendments) Regulations 2015.

VI.4) Procedures for review

VI.4.1) Review body

The Royal Courts of Justice

The Strand

London

WC2A 2LL

Country

United Kingdom

VI.4.4) Service from which information about the review procedure may be obtained

London School of Hygiene & Tropical Medicine

Keppel Street

London

WC1E 7HT

Country

United Kingdom