Not applicable

In Vivo Imaging System

London School of Hygiene & Tropical Medicine

F14: Notice for changes or additional information

Notice identifier: 2022/S 000-032854
Procurement identifier (OCID): ocds-h6vhtk-037cfb
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Section I: Contracting authority/entity

I.1) Name and addresses

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WC1E 7HT

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United Kingdom

Region 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

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

In Vivo Imaging System

Reference number

LSHTM-2022-50

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

Purchase of a ultra-high resolution optical imaging system including highly sensitive fluorescence and bioluminescence in vivo imaging, 3D Fluorescence and tomography and X-ray computed Tomography (CT) to be delivered, installed and commissioned in LSHTM Keppel Street, London, WC1E 7HT by March 2023.

Section VI. Complementary information

VI.6) Original notice reference

Notice number: 2022/S 000-030427

Section VII. Changes

VII.1.2) Text to be corrected in the original notice

Section number

11.2.4

Instead of

Text

The in vivo imaging system must be capable of the following;

• Highly sensitive 2D fluorescence and bioluminescence in vivo imaging. 4 magnification settings, the ability to image 10 mice simultaneously (with temperature and anaesthesia control), and computer-regulated narrow band-pass excitation filters covering the range of 300-900 nm.

• 3D-tomographic reconstruction for both bioluminescence and fluorescence using real CT data to create a non-uniform light absorption/scattering map. The 3D reconstruction to correct for non-uniform light absorption/scattering by different organs/tissue allowing for non-invasive and much more precise assessment of heart, GI tract and CNS infections.

• The X-ray CT facility must be able to combines scan times down to 5 seconds for total body mouse imaging, ultra-low X-ray dosage (down to 2 mGy), and an ability to image 4 mice simultaneously.

Read

Text

The in vivo imaging system should be capable of the following:

• Highly sensitive 2D fluorescence and bioluminescence in vivo imaging. 4 Fields of View, the ability to image optically 10 mice simultaneously (with temperature and anaesthesia control), using narrow band-pass excitation filters covering the range of (420-740nm).

• 3D-tomographic reconstruction for both bioluminescence and fluorescence using real CT data to create a co registered image. Retrospective CT gating to allow precise assessment of cardiac and respiratory gating. The system should also be able to carry out GI tract and CNS infection imaging.

• The X-ray CT facility must be able to carry out total body mouse imaging, using low X-ray

dosage.

Section number

11.2.10

Instead of

Text

No

Read

Text

Yes