

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/020600-2024>

Not applicable

## **Infrared Femtosecond Laser System**

UNIVERSITY OF SOUTHAMPTON

F14: Notice for changes or additional information

Notice identifier: 2024/S 000-020600

Procurement identifier (OCID): ocds-h6vhtk-0470a7

Published 5 July 2024, 1:14pm

### **Section I: Contracting authority/entity**

#### **I.1) Name and addresses**

UNIVERSITY OF SOUTHAMPTON

BUILDING 37, HIGHFIELD CAMPUS, UNIVERSITY ROAD

SOUTHAMPTON

SO171BJ

#### **Contact**

Amy Hands

#### **Email**

[procurement@soton.ac.uk](mailto:procurement@soton.ac.uk)

#### **Telephone**

+44 2380595000

#### **Country**

United Kingdom

**Region code**

UKJ32 - Southampton

**UK Register of Learning Providers (UKPRN number)**

10007158

**Internet address(es)**

Main address

<http://www.southampton.ac.uk>

Buyer's address

<https://in-tendhost.co.uk/universityofsouthampton.aspx/Home>

---

## Section II: Object

### II.1) Scope of the procurement

#### II.1.1) Title

Infrared Femtosecond Laser System

Reference number

2024UoS-1270

#### II.1.2) Main CPV code

- 38636100 - Lasers

#### II.1.3) Type of contract

Supplies

#### II.1.4) Short description

The Water Window X-ray Microscope Project is a new EPSRC-funded collaboration between the University of Southampton's School of Chemistry and Optoelectronics Research Centre (ORC), the Rosalind Franklin Institute (RFI), and the Central Laser Facility (CLF) at the Rutherford Appleton Laboratories. The project will design and construct a lab-scale soft X-ray microscope for biological imaging using soft X-rays generated using ultrafast lasers and applying coherent diffractive imaging techniques. Suitable coherent X-ray radiation will be generated using high harmonic generation (HHG), requiring high intensity femtosecond pulses in the infrared spectral region. The signal requirements for imaging mean that a high repetition rate system is necessary. The intended end product will be a microscope that will be available to users for biological imaging.

---

## Section VI. Complementary information

### VI.6) Original notice reference

Notice number: [2024/S 000-018704](#)

## **Section VII. Changes**

### **VII.1) Information to be changed or added**

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

Section number

IV.2.2

Place of text to be modified

Date

Instead of

Date

19 July 2024

Local time

12:00pm

Read

Date

2 August 2024

Local time

12:00pm

### **VII.2) Other additional information**

IV.2.7 - Conditions for opening of tenders

Old date and time: 19 July 2024 12:01pm

New date and time: 2 August 2024 12:01pm