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Tender

## **T956 - X Ray Irradiation Machine**

University of Essex

F02: Contract notice

Notice identifier: 2022/S 000-026846

Procurement identifier (OCID): ocds-h6vhtk-036b62

Published 26 September 2022, 12:41pm

### **Section I: Contracting authority**

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

University of Essex

Wivenhoe Park

Colchester

CO4 3SQ

#### **Contact**

Aston Baker

#### **Email**

[ab17001@essex.ac.uk](mailto:ab17001@essex.ac.uk)

#### **Country**

United Kingdom

#### **Region code**

UKH3 - Essex

**Internet address(es)**

Main address

[www.essex.ac.uk](http://www.essex.ac.uk)

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://supplierlive.proactisp2p.com/Account/Login>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://supplierlive.proactisp2p.com/Account/Login>

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Education

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

T956 - X Ray Irradiation Machine

Reference number

DN1397

**II.1.2) Main CPV code**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

### **II.1.3) Type of contract**

Supplies

### **II.1.4) Short description**

The University of Essex is seeking a supplier to provide a versatile X-ray irradiator to study radiotoxicity, radioresistance, infectious viruses and healthy ageing along with a 30 month service contract.

### **II.1.5) Estimated total value**

Value excluding VAT: £230,000

### **II.1.6) Information about lots**

This contract is divided into lots: No

## **II.2) Description**

### **II.2.2) Additional CPV code(s)**

- 38580000 - Non-medical equipment based on the use of radiations

### **II.2.3) Place of performance**

NUTS codes

- UKH3 - Essex

### **II.2.4) Description of the procurement**

We want to bring to the School of Life Sciences an X-Ray research irradiator cabinet for biological samples, to support studies by several groups in the School of Life Sciences of the Authority, including:

- Biology of long-term radiation toxicity
- Development and characterisation of new radio-sensitiser drugs
- Inactivation of infectious viruses for molecular studies outside Containment Level 2 laboratories.
- Others that may be pursued in the future, with internal or external collaborators.

To support this variety of studies, the instrument must have the following capabilities:

- To produce a broad range of photon energies (from the low tens of keV to at least 300 keV, so the biological effects can be as similar as possible to those of <sup>137</sup>Cs-generated gamma rays).
- To control the current intensity of origin and the distance to source, to have a broad range of dose rates available.
- To include several beam filters, to have different levels of 'hardness' of the incident energy spectrum.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £230,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

30

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **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

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

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

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

2 November 2022

Local time

12:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

2 November 2022

Local time

12:00pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

High Court, Royal Courts of Justice

The Strand

London

WC2A 2LL

Telephone

+44 2079760000

Country

United Kingdom