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Planning

## **Supply of CLEM Microscope**

National Physical Laboratory

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-010889

Procurement identifier (OCID): ocds-h6vhtk-02b1fa

Published 17 May 2021, 10:55pm

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

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

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

#### **Email**

[nina.heath@npl.co.uk](mailto:nina.heath@npl.co.uk)

#### **Country**

United Kingdom

#### **NUTS code**

UK - United Kingdom

#### **Internet address(es)**

Main address

[www.npl.co.uk](http://www.npl.co.uk)

### **I.3) Communication**

Additional information can be obtained from the above-mentioned address

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

Body governed by public law

### **I.5) Main activity**

Other activity

Scientific research

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## **Section II: Object**

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

#### **II.1.1) Title**

Supply of CLEM Microscope

#### **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**

Prior information notice (PIN): confocal fluorescence microscope

NPL is looking to procure a confocal laser scanning fluorescence microscope with the following minimum features:

- Fully motorised, computer controlled inverted microscope system, including sample mounting stage, focus, objective lens turret, etc. Control software for multi-dimensional

image acquisition

- A range of different objective lenses (from low magnification / low NA air objectives to high magnification / high NA oil immersion objectives)
- Multiple excitation laser lines, including 405 nm, 488 nm, 561 nm and 638 nm or similar
- Multiple parallel detectors (at least four)
- Incubation system for maintaining sample temperature and environmental CO2 concentration
- Focus stabilisation system for long duration time lapse imaging
- Capacity for label free imaging (DIC or similar).

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

Value excluding VAT: £300,000

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

This contract is divided into lots: No

### **II.2) Description**

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

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

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

NUTS codes

- UK - United Kingdom

Main site or place of performance

National Physical Laboratory, Hampton Road, Teddington, TW11 0LW

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

NPL is looking to procure a confocal laser scanning fluorescence microscope with the following minimum features:

- Fully motorised, computer controlled inverted microscope system, including sample

mounting stage, focus, objective lens turret, etc. Control software for multi-dimensional image acquisition

- A range of different objective lenses (from low magnification / low NA air objectives to high magnification / high NA oil immersion objectives)
- Multiple excitation laser lines, including 405 nm, 488 nm, 561 nm and 638 nm or similar
- Multiple parallel detectors (at least four)
- Incubation system for maintaining sample temperature and environmental CO2 concentration
- Focus stabilisation system for long duration time lapse imaging
- Capacity for label free imaging (DIC or similar).

### **II.3) Estimated date of publication of contract notice**

26 July 2021

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## **Section IV. Procedure**

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

#### **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 VI. Complementary information**

### **VI.3) Additional information**

Please note that this is a Prior Information Notice and tender is yet to be issued.