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# **(NU/1722) Supply of a comprehensive Ultrafast Transient Absorption Spectroscopy and Microscopy Facility**

## **Newcastle University**

Publication reference: 2021/S 000-025700

Publication date: 14 October 2021

F02: Contract notice

## **Section I: Contracting authority**

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

Newcastle University

Newcastle University, Procurement Services, Kingsgate

Newcastle

NE1 7RU

### **Contact**

Mr Dave Anderson

### **Email**

[dave.anderson@ncl.ac.uk](mailto:dave.anderson@ncl.ac.uk)

### **Telephone**

+44 1912085360

**Country**

United Kingdom

**NUTS code**

UKC22 - Tyneside

**Internet address(es)****Main address**

<https://www.ncl.ac.uk>

**Buyer's address**

<https://www.ncl.ac.uk>

**I.3) Communication**

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

<https://procontract.due-north.com/Advert/Index?advertId=7e17811e-302c-ec11-810e-005056b64545>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://procontract.due-north.com/Advert/Index?advertId=7e17811e-302c-ec11-810e-005056b64545>

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

Body governed by public law

**I.5) Main activity**

Education

## Section II: Object

### II.1) Scope of the procurement

#### II.1.1) Title

(NU/1722) Supply of a comprehensive Ultrafast Transient Absorption Spectroscopy and Microscopy Facility

#### Reference number

DN575877

#### 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 North East ultrafast transient absorption spectroscopy and microscopy facility (based at Newcastle University) will be a unique national facility to fulfil a strategically and critically important research infrastructure gap in the region. The facility aligns with the institutional strategy that includes the establishment of Centres for Research Excellence in Energy, Data and Cancer and the establishment of NU Academic Track Fellowships, several of whom will benefit from this facility. Transient absorption spectroscopy is a key tool that enables scientists to probe the identity, formation and fate of short-lived, energetic species formed on excitation with light (e.g. from a laser). It permits ultrafast optical and near infrared spectroscopy on a range of molecular, biological and functional material systems to provide critical mechanistic information on light-induced reaction pathways. This includes tracking the dynamics of key excited state and charge-transfer intermediates that lie at the heart of a vast amount of chemistry, from solar energy conversion to enzyme reactions. This national facility will support several multidisciplinary fields with substantial potential for societal and economic impact, including

(1) Energy (e.g. emerging photovoltaic technology, solar-driven H<sub>2</sub> evolution and CO<sub>2</sub> conversion to fuels and feedstocks) research which is supported by joint, collaborative centres, the EPSRC/ISCF North East Centre for Energy Materials (NECEM) and the EPSRC Centre for Doctoral Training in Renewable Energy at North east Universities (ReNU).

(2) Photonic materials and metamaterials (e.g. Organic LEDs, energy transfer in solid state materials, 2D and 3D materials in LEDs and waveguides).

(3) Chemical Biology and Biological Chemistry (bio-imaging, radiochemistry, photodynamic therapy-related cancer research and drug discovery) including the Cancer Research centre and EPSRC Centre for Doctoral training MosMed.

This facility is being funded through an EPSRC Strategic Equipment grant EP/W006340/1

The scope of this contract is for the supply, delivery and installation of the equipment as detailed in the ITT to the University, with after-sales support and 24 months warranty and maintenance.

Expressions of interest in this project can be made by registering via the University's

etendering portal at: <https://procontract.due-north.com/Advert/Index?advertId=7e17811e-302c-ec11-810e-005056b64545>

The contract reference is NU/1722.

The deadline for expressing an interest in this tender is Friday 12th November 2021 at 16:00 hours GMT

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

This contract is divided into lots: No

## **II.2) Description**

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

#### **NUTS codes**

- UKC22 - Tyneside

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

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

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

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

**Duration in months**

4

**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

**II.2.14) Additional information**

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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**

15 November 2021

##### **Local time**

2:00pm

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

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

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

##### **Date**

15 November 2021

##### **Local time**

2:30pm

## **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**

Newcastle University

Newcastle Upon Tyne

#### **Country**

United Kingdom

#### **VI.4.3) Review procedure**

##### **Precise information on deadline(s) for review procedures**

The University will incorporate a standstill period at the point information on the award of the contract is communicated to tenderers. That notification will provide full information on the award decision. The standstill period, which will be for a minimum of 10 calendar days, provides time for unsuccessful tenderers to challenge the award decision before the contract is entered into.

The Public Contracts Regulations 2015 (SI 2015 No 102) provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the rules to take action in the High Court (England, Wales and Northern Ireland) within 30 days of knowledge or constructive knowledge of breach.