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Tender

## **AFM for 2DM studies in the inert environments**

UNIVERSITY OF MANCHESTER

F02: Contract notice

Notice identifier: 2021/S 000-005310

Procurement identifier (OCID): ocds-h6vhtk-029c2f

Published 16 March 2021, 2:30pm

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

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

UNIVERSITY OF MANCHESTER

Room G010, John Owens Building, Oxford Road

MANCHESTER

M139PL

#### **Contact**

Jan Disley

#### **Email**

[janet.disley@manchester.ac.uk](mailto:janet.disley@manchester.ac.uk)

#### **Country**

United Kingdom

#### **NUTS code**

UKD3 - Greater Manchester

**Internet address(es)**

Main address

<http://www.procurement.manchester.ac.uk/>

**I.3) Communication**

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

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted to the above-mentioned address

**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**

AFM for 2DM studies in the inert environments

Reference number

2021/1761/AFM-2DM/RG/JD

#### **II.1.2) Main CPV code**

- 38510000 - Microscopes

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

Supplies

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

It is the intention of the University of Manchester to appoint a contractor/s for an Atomic Force Microscope for 2DM studies in the inert environments. The project aims to study a broad range of air-sensitive 2D materials and their heterostructures, and perform scanning probe studies of their mechanical, electronic and chemical properties tested simultaneously using a state-of-the-art scanning probe instrument. The proposed platform must include a variety of Atomic Force Microscopy (AFM) modes (cAFM, EFM, PFM, Force Curves, KpFM, friction AFM, Youngs modulus measurements, non-invasive topography, nanomanipulation and nanolithography) and allow their use in an inert gas environment, such as argon or nitrogen with

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

This contract is divided into lots: No

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

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

- 38500000 - Checking and testing apparatus

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

NUTS codes

- UKD3 - Greater Manchester

Main site or place of performance

The University of Manchester

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

The system must be fully compatible with an argon-filled glovebox of internal workspace dimensions: 1250 mm (W) x 780 mm (D) x 900 mm (H) and fitted with anti-vibration optical table to support the AFM system. In avoidance of doubt, the system must perform as specified in the Minimum Outcome Specifications when operated under an inert argon or nitrogen filled atmosphere with

#### **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**

Start date

23 April 2021

End date

30 September 2021

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

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

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## **Section IV. Procedure**

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

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

Open procedure

Accelerated procedure

Justification:

Please note that the University of Manchester is running this procurement under an Open Accelerated Procedure under Regulation 27(5) of the Public Contract Regulations. This is due to the funder and research requirements for this item.

#### **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

31 March 2021

Local time

12:00pm

**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

31 March 2021

Local time

2:00pm

Place

The University of Manchester

Information about authorised persons and opening procedure

University of Manchester staff only.

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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

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

The High Court of Justice

London

WC2 2LL

Country

United Kingdom

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

Precise information on deadline(s) for review procedures

The authority will incorporate a minimum 10 calendar days standstill period at the point information on the award of the contract is communicated to tenderers. Applicants who are unsuccessful shall be informed by the authority as soon as possible after the decision has been made as to the reasons why the applicant was unsuccessful. If an appeal regarding the award of the contract has not been successfully resolved, the Public Contracts Regulations 2015 (SI 2015 No 102) provide for aggrieved parties who have been harmed or are at risk of harm by breach of the rules to take action in the High Court (England, Wales and Northern Ireland).