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Tender

## **T22/0036 - Thin Film Sputtering Fabrication Facility**

University of Northumbria at Newcastle

F02: Contract notice

Notice identifier: 2023/S 000-003538

Procurement identifier (OCID): ocds-h6vhtk-03a30d

Published 6 February 2023, 10:05am

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

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

University of Northumbria at Newcastle

Sutherland Building, College Street

Newcastle upon Tyne

NE1 8ST

#### **Email**

[asif.patel@northumbria.ac.uk](mailto:asif.patel@northumbria.ac.uk)

#### **Telephone**

+44 01912274303

#### **Country**

United Kingdom

#### **Region code**

UKC - North East (England)

**Internet address(es)**

Main address

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

**I.3) Communication**

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

<https://neupc.delta-esourcing.com/members/northumbria-university/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://neupc.delta-esourcing.com/members/northumbria-university/>

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**

T22/0036 - Thin Film Sputtering Fabrication Facility

**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 intends to procure a new thin film magnetron sputtering facility for the fabrication of energy materials, biocompatible and functional coatings. TF-FAB provides a platform for researchers to develop new inorganic thin films for energy materials, biocompatible and functional coatings. It supports unprecedented recent growth in thin film research at Northumbria University (NU). TF-FAB provides a transformational capacity increase in thin film fabrication and will create new collaborative opportunities between academia and industry. We are looking for a dual chamber sputtering system and interconnecting load lock.

We are looking for maximum flexibility (hardware and software) and also an upgradable system. We anticipate that one chamber will be more geared towards the deposition of oxide and compound materials (chamber 1) while the other would be more metal focus, including diamond like carbon coatings and titanium based alloys (chamber 2).

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

Value excluding VAT: £775,317.68

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

This contract is divided into lots: No

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

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

NUTS codes

- UKC - North East (England)

Main site or place of performance

NORTH EAST (ENGLAND)

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

The University intends to procure a new thin film magnetron sputtering facility for the fabrication of energy materials, biocompatible and functional coatings. TF-FAB provides a platform for researchers to develop new inorganic thin films for energy materials, biocompatible and functional coatings. It supports unprecedented recent growth in thin film research at Northumbria University (NU). TF-FAB provides a transformational

capacity increase in thin film fabrication and will create new collaborative opportunities between academia and industry. We are looking for a dual chamber sputtering system and interconnecting load lock.

We are looking for maximum flexibility (hardware and software) and also an upgradable system. We anticipate that one chamber will be more geared towards the deposition of oxide and compound materials (chamber 1) while the other would be more metal focus, including diamond like carbon coatings and titanium based alloys (chamber 2).

#### **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: £775,317.68

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

Start date

1 May 2023

End date

28 February 2026

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.2.1) Previous publication concerning this procedure**

Notice number: [2021/S 001-000001](#)

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

Date

8 March 2023

Local time

1:00pm

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

English

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

Date

8 March 2023

Local time

1:00pm

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

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

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://neupc.delta-esourcing.com/tenders/UK-UK-Newcastle-upon-Tyne:-Laboratory%2C-optical-and-precision-equipments-%28excl.-glasses%29./286H563VY9>

To respond to this opportunity, please click here:

<https://neupc.delta-esourcing.com/respond/286H563VY9>

GO Reference: GO-202326-PRO-22058609

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

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

To be confirmed

TBC

Country

United Kingdom