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Contract

## **Micro Transfer Printing System**

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2023/S 000-007753

Procurement identifier (OCID): ocds-h6vhtk-037407

Published 16 March 2023, 4:35pm

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

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

UNIVERSITY OF SHEFFIELD

Western Bank

SHEFFIELD

S102TN

#### **Contact**

David Middle

#### **Email**

[dave.middle@sheffield.ac.uk](mailto:dave.middle@sheffield.ac.uk)

#### **Telephone**

+44 1142221560

**Country**

United Kingdom

**Region code**

UKE32 - Sheffield

**Charity Commission (England and Wales)**

x1089

**Internet address(es)**

Main address

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

**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**

Micro Transfer Printing System

Reference number

3509/DM/22

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

- 31712000 - Microelectronic machinery and apparatus and microsystems

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

Supplies

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

The EPSRC National Epitaxy Facility (NEF) at the University of Sheffield supplies a wide range of III-V semiconductor materials and devices primarily to the UK academic research community. The NEF also engages in significant activity researching and developing new materials and structures. A key direction in this area is the heterogeneous integration of III-V and silicon based photonic and opto-electronic devices.

For this purpose the NEF requires a full, turn-key micro transfer printing (MTP) system suitable for highly-accurate, large-scale, parallel transfer of devices from a source wafer to a target wafer. This system must meet all the essential technical requirements set out within the tender documents

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

This contract is divided into lots: No

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £650,000

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

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

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting

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

NUTS codes

- UKE32 - Sheffield

Main site or place of performance

Centre for Nanoscience and Technology, The EPSRC National Epitaxy Facility (NEF) at The University of Sheffield

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

It is essential that the tool is easily configured to accommodate all standard wafer sizes up to 6 inch, and that the placement accuracy is +/- 2  $\mu$ m or better. The system must also come with at least 3 application-specific stamps. These can be collaboratively developed with NEF staff once the order for the tool is placed.

Technical capabilities that extend beyond the minimum essential specifications would be welcomed where possible. Of particular interest is training and support to enable the EPSRC NEF to produce their own custom-designed application-specific stamps. Higher level of automation of the process is also desirable, including automatic cleaning of stamps and alignment of source and target patterns during transfer-printing.

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

Quality criterion - Name: Various / Weighting: 80

Price - Weighting: 20

## **II.2.11) Information about options**

Options: Yes

Description of options

As described within the tender documents

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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: [2022/S 000-028295](#)

#### **IV.2.9) Information about termination of call for competition in the form of a prior information notice**

The contracting authority will not award any further contracts based on the above prior information notice

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## **Section V. Award of contract**

### **Contract No**

3509/DM/22

### **Title**

Micro Transfer Printing System

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

6 February 2023

### **V.2.2) Information about tenders**

Number of tenders received: 2

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 2

The contract has been awarded to a group of economic operators: No

### **V.2.3) Name and address of the contractor**

ASMPT Amicra GmbH

Marie Curie Strasse 6

Regensburg

93055

Country

Germany

NUTS code

- DE - Germany

Companies House Germany

HRB8178

The contractor is an SME

Yes

### **V.2.4) Information on value of contract/lot (excluding VAT)**

Initial estimated total value of the contract/lot: £650,000

Total value of the contract/lot: £638,000

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## **Section VI. Complementary information**

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

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

The University of Sheffield

Western bank

Sheffield

S10 2TN

Country

United Kingdom