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Contract

## **4014/JN/24 - High Resolution and High Positional Accuracy 3D Microscope**

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2024/S 000-014410

Procurement identifier (OCID): ocds-h6vhtk-043729

Published 3 May 2024, 4:07pm

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

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

UNIVERSITY OF SHEFFIELD

THE UNIVERSITY OF SHEFFIELD, WESTERN BANK

SHEFFIELD

S102TN

#### **Contact**

James Noble

#### **Email**

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

#### **Country**

United Kingdom

#### **Region code**

UKE32 - Sheffield

**Companies House**

RC000667

**Internet address(es)**

Main address

<https://in-tendhost.co.uk/sheffield>

**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**

4014/JN/24 - High Resolution and High Positional Accuracy 3D Microscope

Reference number

4014/JN/24

**II.1.2) Main CPV code**

- 38510000 - Microscopes

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description**

There is currently the need for a high resolution, high positional accuracy 3D microscope to aid component quality inspection (form & textural) at the AMRC. The research will

involve manufacturing defect detection, with non-contact scans for geometry profile, metallic burring, CFRP delamination and uncut fibres. Automated scanning, easy machine configuration changes (for example lens changes) and variable light setting will aid in rapid inspection for multiple non-connected regions per workpiece. The components/features of interest will range in geometries. Most inspection will be within a working area of 200 x 200 mm in x and y, however scans with working areas up to 300 x 300 mm would be desired. Cutting tool scanning is another research area of interest, using the equipment to be purchased to scan cutting edges for tool wear analysis, requiring the ability to grip and rotate cutting tools.

The University of Sheffield is not a contracting authority for the purposes of the Public Contracts Regulations 2015 (Directive 2014/24/EU) as amended by the Public Procurement (Amendment) (EU Exit) Regulations 2020.

The University is, on a voluntary basis, operating under the Public Contracts Regulations (as defined above) for this procurement case and is therefore advertising this opportunity in Finder a Tender with an obligation to comply with these regulations. By doing so, it does not become a contracting authority and there is no implied obligation to comply with procurement legislation for other procurement cases.

#### **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: £291,029.20

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

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

NUTS codes

- UKE32 - Sheffield

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

There is currently the need for a high resolution, high positional accuracy 3D microscope to aid component quality inspection (form & textural) at the AMRC. The research will involve manufacturing defect detection, with non-contact scans for geometry profile, metallic burring, CFRP delamination and uncut fibres. Automated scanning, easy machine configuration changes (for example lens changes) and variable light setting will aid in rapid inspection for multiple non-connected regions per workpiece. The components/features of interest will range in geometries. Most inspection will be within a

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

Quality criterion - Name: Quality / Weighting: 85

Price - Weighting: 15

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

Options: 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: [2024/S 000-003695](#)

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

A contract/lot is awarded: Yes

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

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

9 April 2024

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

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 1

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

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

Optimax Imaging Inspection & Measurement Ltd

3 Trimbush Way

Market Harborough

LE16 7XY

Country

United Kingdom

NUTS code

- UKF2 - Leicestershire, Rutland and Northamptonshire

Companies House

5562754

The contractor is an SME

Yes

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

Total value of the contract/lot: £291,029.20

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**Section VI. Complementary information**

**VI.4) Procedures for review**

**VI.4.1) Review body**

University of Sheffield

Sheffield

S10 2TN

Email

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

Country

United Kingdom