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Award

## XRF Instrument

University of Plymouth

F15: Voluntary ex ante transparency notice

Notice identifier: 2025/S 000-003851

Procurement identifier (OCID): ocds-h6vhtk-04dbf2

Published 5 February 2025, 3:46pm

## Section I: Contracting authority/entity

### I.1) Name and addresses

University of Plymouth

Drake Circus

Plymouth, Devon

PL4 8AA

### Contact

Kim Steer

### Email

[kim.steer@plymouth.ac.uk](mailto:kim.steer@plymouth.ac.uk)

### Telephone

+44 01752588534

### Country

United Kingdom

**Region code**

UKK41 - Plymouth

**National registration number**

1128013

**Internet address(es)**

Main address

<https://www.plymouth.ac.uk/about-us/university-structure/service-areas/procurement>

**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**

XRF Instrument

Reference number

KS/UOP/XRF\_Instrument/072/25

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

- 33111000 - X-ray devices

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

Supplies

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

Procurement and installation of a X-Ray Fluorescence (XRF) instrument for use across the Faculty of Science and Engineering. We require a high precision instrument capable of detailed analyses with low detection limits in complex samples and novel carbon capture detection.

#### **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: £240,000

## **II.2) Description**

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

- 33111400 - X-ray fluoroscopy devices
- 33111800 - Diagnostic X-ray system
- 38582000 - X-ray inspection equipment
- 38947000 - X-ray microanalysers

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

NUTS codes

- UKK41 - Plymouth

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

Procurement and installation of a X-Ray Fluorescence (XRF) instrument for use across the Faculty of Science and Engineering. We require a high precision instrument capable of detailed analyses with low detection limits in complex samples and novel carbon capture detection.

### **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**

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

This notice acknowledges that the University of Plymouth (UoP) proposes to award Malvern

Panalytical a contract to procure and install a Zetium X-Ray Fluorescence (XRF) instrument for highprecision, non-destructive analysis of solids and powders. The justification for this direct award is

based on the following key factors:

- The system was deemed the most advanced in terms of precision elemental analysis, particularly for mineral and materials characterisation, as well as novel carbon capture detection, which is not available in competing models.
- Seamless integration with existing infrastructure and training protocols:
  - o The Zetium requires minimal training for current users due to compatibility with the university's existing Malvern Panalytical XRF system, ensuring research continuity.
  - o The system will be installed in the existing facility without any major infrastructure modifications, reducing costs and installation time.
- The Zentium will allow UoP to upcycle non-consumable components from its existing system,

including:

- o Software & operating system
- o Sample cups and chiller
- o Compatibility with existing Certified Reference Materials (CRMs) and calibration standards

This reduces waste, lowers overall environmental impact, and ensures cost-effectiveness.

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: No

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

A contract/lot is awarded: Yes

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

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

5 February 2025

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

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

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

Malvern Panalytical Ltd

Malvern

Country

United Kingdom

NUTS code

- UKG12 - Worcestershire

The contractor/concessionaire is an SME

No

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

Total value of the contract/lot/concession: £240,000

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## **Section VI. Complementary information**

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

This notice acknowledges that the University of Plymouth (UoP) proposes to award Malvern

Panalytical a contract to procure and install a Zetium X-Ray Fluorescence (XRF) instrument for highprecision, non-destructive analysis of solids and powders. The justification for this direct award is

based on the following key factors:

- The system was deemed the most advanced in terms of precision elemental analysis, particularly for mineral and materials characterisation, as well as novel carbon capture detection, which is not available in competing models.

- Seamless integration with existing infrastructure and training protocols:

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- o The system will be installed in the existing facility without any major infrastructure modifications, reducing costs and installation time.

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including:

- o Software & operating system

- o Sample cups and chiller

- o Compatibility with existing Certified Reference Materials (CRMs) and calibration standards

This reduces waste, lowers overall environmental impact, and ensures cost-effectiveness.

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

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

University of Plymouth

Plymouth

Country

United Kingdom