

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/003851-2025>

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

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

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

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

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

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:
 - 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.

VI.4) Procedures for review

VI.4.1) Review body

University of Plymouth

Plymouth

Country

United Kingdom