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Planning

## **XRF Spectrometer**

University Of Edinburgh

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-001286

Procurement identifier (OCID): ocids-h6vhtk-042d2b

Published 15 January 2024, 2:30pm

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

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

University Of Edinburgh

Charles Stewart House, 9-16 Chambers Street

Edinburgh

EH1 1HT

#### **Contact**

Murray Ritchie

#### **Email**

[mritchi7@ed.ac.uk](mailto:mritchi7@ed.ac.uk)

#### **Telephone**

+44 1316509125

#### **Country**

United Kingdom

**NUTS code**

UKM75 - Edinburgh, City of

**National registration number**

SC005336

**Internet address(es)**

Main address

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

Buyer's address

[https://www.publiccontractsscotland.gov.uk/search/Search\\_AuthProfile.aspx?ID=AA00107](https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00107)

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

**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 Spectrometer

Reference number

EC1016

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

- 38433000 - Spectrometers

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

Supplies

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

Supply of a high-performance, fully automated, computer-controlled sequential wavelength-dispersive XRF spectrometer. The instrument should be capable of conducting, with high precision and accuracy, quantitative, qualitative and semi-quantitative (standardless) analysis from sub-ppm level to 100%, with the capability of analysing elements from boron through to uranium.

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

Value excluding VAT: £250,000

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

This contract is divided into lots: No

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

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

- 38500000 - Checking and testing apparatus

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

NUTS codes

- UKM75 - Edinburgh, City of

Main site or place of performance

School of Geosciences, University of Edinburgh.

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

Supply, installation, commissioning and maintenance support of an X-Ray Diffractometer system with micro-diffraction capability and a large capacity sample changer. We also require a chiller which may either be an integral one or stand-alone. NB, limited space in the intended laboratory location for the XRD may require the proposed solution to fit within a given footprint. Suppliers are encouraged to arrange a site visit before preparing their bids.

#### **II.2.14) Additional information**

Samples will be sent out to each of the bidders for identification and quantification; this will form an important part of the tender process.

#### **II.3) Estimated date of publication of contract notice**

5 February 2024

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### **Section IV. Procedure**

#### **IV.1) Description**

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

The procurement is covered by the Government Procurement Agreement: Yes

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## **Section VI. Complementary information**

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

The XRF must have the ability to analyse fused glass beads for major oxides over a wide variety of sample compositions (silicates, carbonates, clays, bauxites, soils, cements etc.), within a range of flux mixtures; 100% lithium tetraborate to 100% lithium metaborate and any mix of those two flux mixtures. The XRF must also be able to analyse pressed powder pellets for minor and trace elements from 1000's ppm to sub-ppm levels.

The instrument should also have the option to analyse samples using and an Energy Dispersive (ED) detector as a screening tool for unknown samples.

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at

[https://www.publiccontractsscotland.gov.uk/Search/Search\\_Switch.aspx?ID=755249.](https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=755249)

(SC Ref:755249)