

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/062782-2025>

Tender

SUPPLY OF MACRO X-RAY FLUORESCENCE (MA-XRF) SYSTEM

The National Archives

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-062782

Procurement identifier (OCID): ocds-h6vhtk-05a95f ([view related notices](#))

Published 7 October 2025, 11:02am

Scope

Description

The purpose of this Procurement Exercise is for:

An energy dispersive X-ray fluorescence spectrometer for reliable non-contact and non-destructive elemental analysis and mapping of heritage materials, with warranty as detailed in Section 3. The system should also function as a hand-held instrument and possess robust imaging capabilities, enabling comprehensive analysis and precise examination of materials.

The product(s) must come with user friendly software for measurement and data analysis (including all required licences, for up to 5 users) to control the system, to produce and manipulate images, and to analyse the data.

The Appointed Supplier must also:

- deliver, set up, calibrate and test the system and software;
- provide training to TNA staff in the use of the MA-XRF system and software within 2 months of delivery; and

- provide technical and/or remote support to TNA staff in the use of the MA-XRF and software for at least 5 years after delivery.
- provide software upgrades for at least 3 years after purchase.

Total value (estimated)

- £170,000 excluding VAT
- £204,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 1 December 2025 to 31 March 2026
- 4 months

Main procurement category

Goods

CPV classifications

- 38433000 - Spectrometers

Contract locations

- UKC - North East (England)
- UKD - North West (England)
- UKE - Yorkshire and the Humber

- UKF - East Midlands (England)
- UKG - West Midlands (England)
- UKH - East of England
- UKI - London
- UKJ - South East (England)
- UKK - South West (England)

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Enquiry deadline

20 October 2025, 5:00pm

Tender submission deadline

3 November 2025, 12:00pm

Submission address and any special instructions

Tender responses must be submitted to procurement@nationalarchives.gov.uk, as specified in the ITT documentation.

The National Archives' website address is www.nationalarchives.gov.uk

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

7 November 2025

Award criteria

Name	Type	Weighting
Product and system requirements	Quality	40%
Price	Price	20%
Training provision	Quality	10%
Service Level Agreement	Quality	10%
Warranty	Quality	10%
Environmental benefits	Quality	10%

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Documents

Associated tender documents

[Invitation to Tender - MA-XRF.pdf](#)

Contracting authority

The National Archives

- Public Procurement Organisation Number: PTBZ-4379-JQQX

Kew

Richmond

TW9 4DU

United Kingdom

Email: procurement@nationalarchives.gov.uk

Website: <http://www.nationalarchives.gov.uk>

Region: UKI75 - Hounslow and Richmond upon Thames

Organisation type: Public authority - central government