

Important

This procurement was [cancelled](#) before the tender submission deadline.

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/048718-2025>

Tender

Precision CellRad+ Cell Irradiation System

University of Salford

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

Notice identifier: 2025/S 000-048718

Procurement identifier (OCID): ocds-h6vhtk-0587ce ([view related notices](#))

Published 14 August 2025, 12:19pm

Scope

Description

Precision CellRad+ Cell Irradiation System is a state-of-the-art benchtop X-ray irradiation platform designed for continuous, controlled cell irradiation. This advanced system provides a safer, cost-effective, and sustainable alternative to gamma radioisotope-based irradiation, eliminating the need for isotope handling, storage, and disposal. Its compact design and built-in shielding allow installation directly within the laboratory, without the

requirement for costly infrastructure modifications.

The CellRad+ is simple to operate, requiring no specialised X-ray knowledge, and features an intuitive touchscreen interface with password-protected access. It plugs into any standard A/C outlet and includes an integrated dosimeter with advanced Automatic Dose Control (ADC) for precise dose setting and reproducibility. Automatic warm-up extends tube life, and the system supports remote diagnostics and web-based support from product specialists for minimal downtime.

The system operates across an energy range of 10-150 kV with a maximum current of 6.25 mA, allowing versatile irradiation settings for different experimental requirements. An electrically

operated turntable (2 RPM) ensures uniform dosing, while the integrated closed-loop heat exchanger maintains optimal operational stability. The irradiation chamber (W 12" × D 12" × H 14") accommodates a wide range of sample formats, with a beam coverage of 12" (30 cm) and source-to-sample distance of 17" (44 cm). The system is NRTL certified by Intertek for electrical safety and maintains an Excel-based exposure/user log that can be exported via USB for audit and compliance purposes.

These features make the CellRad+ ideally suited for applications including cancer cell biology, tissue and stem cell research, nanoparticle studies, and immunotherapy investigations.

Total value (estimated)

- £99,000 including VAT

Below the relevant threshold

Contract dates (estimated)

- 15 September 2025 to 15 April 2026
- 7 months, 1 day

Main procurement category

Goods

CPV classifications

- 33111000 - X-ray devices
- 33190000 - Miscellaneous medical devices and products

Contract locations

- UKD3 - Greater Manchester

Participation

Conditions of participation

For full tender information and to express an interest please visit our InTend portal" link:
<https://in-tendhost.co.uk/salford.aspx/Home>

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Enquiry deadline

30 August 2025, 12:00pm

Tender submission deadline

31 August 2025, 12:00pm

Submission address and any special instructions

for full tender information and to express an interest please visit our InTend portal" link:
<https://in-tendhost.co.uk/salford/asp/Home>

Tenders may be submitted electronically

Yes

Award criteria

Award Criteria

Specifications 60%

Warranty/Aftercare/Service 10%

Price 20%

Sustainability 10%

Total 100%

Procedure

Procedure type

Below threshold - open competition

Contracting authority

University of Salford

- Charity Commission (England and Wales): RC000666
- Public Procurement Organisation Number: PDHR-3751-QPQR

43 The Crescent

Salford

M5 4WT

United Kingdom

Email: procurement-finance@salford.ac.uk

Region: UKD34 - Greater Manchester South West

Organisation type: Public authority - sub-central government