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Award

Medical Physics Support Services

Great Western Hospitals NHS Foundation Trust

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-073870

Procurement identifier (OCID): ocds-h6vhtk-05e12f ([view related notices](#))

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Scope

Reference

C393500

Description

This contract covers the provision of specialist medical physics services to support the Wiltshire service which includes expert advice, testing, and quality assurance for wide range of modalities: CT, MRI, Ultrasound, plain film (outpatients, GP, ED), mobile X-ray, Fluoroscopy, Cardiac catheter labs, Gamma Camera, DEXA, the Breast Centre, and plain film units at two community sites.

The medical physics service will be available to provide advice on:

- Implications for optimisation (radiation dose and image quality) of any planned or unplanned changes in practice.
- Practice and results of routine user QC of equipment performance.
- Breakdowns and emerging concerns about the performance of the equipment.

- Compliance with radiation regulations as part of an annual audit and on an on-going basis as necessary.

Test instruments service conditions includes the following;

- The medical physics service must have sufficient test instruments available to carry out the tests covered by this agreement.
- It must have sufficient sets of test instruments to enable emergency investigation of a suspected fault or incident.
- Calibration of test instruments must meet the national guidance and standards.
- Coordination, liaison and representation service conditions include:
- The medical physics service will participate in any surveys and evaluations requested by Public Health England (PHE) or screening quality assurance service.

Contract 1. Medical Physics Support Services

Supplier

- Oxford University Hospitals NHS Foundation Trust

Contract value

- £157,232.79 excluding VAT
- £188,679.34 including VAT

Above the relevant threshold

Earliest date the contract will be signed

27 November 2025

Contract dates (estimated)

- 1 December 2025 to 30 November 2026
- 1 year

Main procurement category

Services

CPV classifications

- 85150000 - Medical imaging services

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Direct award justification

Single supplier - technical reasons

The Great Western Hospitals NHS Foundation Trust provides acute and community health services across Wiltshire. The contract covers medical physics advisory and quality assurance services for all radiation-based activities across the Trust, including imaging systems and associated equipment. The service relates to medical physics advisory and quality assurance services for all radiation-based activities across the Trust delivered by Medical Physics Experts (MPEs) and other specialists who provide ionising and non-ionising radiation protection and quality assurance. This includes imaging systems and associated equipment used throughout clinical pathways.

The expertise required is highly specialised and not readily available through alternative providers without significant mobilisation, which would compromise service delivery and regulatory compliance.

Scope of Services

The imaging department covers a wide range of modalities: CT, MRI, Ultrasound, plain film (outpatients, GP, ED), mobile X-ray, Fluoroscopy, Cardiac catheter labs, Gamma Camera, DEXA, the Breast Centre, and plain film units at two community sites.

Scope includes the following specialist provisions:

- Radiation Protection Services: Compliance audits, dose monitoring, and twice-yearly reports to the Radiation Protection Committee.
- Medical Physics Expert (MPE), Radiation Protection Adviser (RPA), Laser Protection Adviser (LPA): Advisory services in line with UK/EU legislation and IPEM guidance.
- Medical Physics Expert (MPE) - as required under IRMER 2017. MPEs provide scientific input on optimisation, patient dosimetry, and QA, and advise on radiation protection for medical exposures.
- Performance Testing - of imaging systems and associated equipment in line with IRMER and IPEM guidance.
- Laser Protection Adviser (LPA) - to ensure compliance with the Control of Artificial Optical Radiation at Work Regulations 2010 and relevant British Standards.

- Testing of Non-Ionising Equipment - in accordance with national guidance.
- Radioactive Waste Adviser (RWA) - accredited to advise on compliance with radioactive waste legislation.
- Quality Assurance and Acceptance Testing: For X-ray, CT, MRI, Ultrasound, Nuclear Medicine, Laser, and UV equipment.
- Specialist Roles: MR Safety Expert, Radioactive Waste Adviser (RWA).
- Performance Testing: Routine and post-repair testing of imaging equipment.
- Reporting: Written reports within 4 weeks of testing, urgent issues communicated immediately.
- Advisory Support: On optimisation, compliance, and equipment performance.
- Service Conditions: Qualified staff, sufficient capacity, calibrated instruments, and participation in national audits.
- Radiation Protection Adviser (RPA) - as required by Ionising Radiations Regulations 2017 (IRR). RPAs must be suitably qualified Clinical Scientists, accredited to advise on radiation protection in healthcare.

The contract will be awarded in accordance with the provisions of the Procurement Act 2023, specifically under the justifications permitted in Section 41 and the permitted grounds set out in Schedule 5 which includes;

- The highly specialised nature of the services required.
- The critical need for continuity to maintain compliance and patient safety.

These services are essential for compliance with national standards and statutory requirements such as;

- Ionising Radiation (Medical Exposure) Regulations 2017 (IRMER 2017)
- Ionising Radiations Regulations 2017 (IRR 2017)
- NHS Breast Screening Programme (NHSBSP)

Reason for Direct Award

- Specialised technical requirements that only certain providers can meet.

- Critical operational continuity to maintain compliance with statutory obligations and national programmes.

Supplier

Oxford University Hospitals NHS Foundation Trust

- Public Procurement Organisation Number: PMNX-8259-DYLT

Headley Way, Headington, Oxford

Oxford

OX3 9DU

United Kingdom

Email: emily.baylis@ouh.nhs.uk

Region: UKJ14 - Oxfordshire

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Contract 1. Medical Physics Support Services

Contracting authority

Great Western Hospitals NHS Foundation Trust

- Public Procurement Organisation Number: PRZJ-5573-LWLP

Marlborough Road

Swindon

SN3 6BB

United Kingdom

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Region: UKK14 - Swindon

Organisation type: Public authority - central government