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Tender

DLSITT1093 - Supply of Diamond-II Booster Kicker Magnets

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2026/S 000-007663

Procurement identifier (OCID): ocds-h6vhtk-06110c

Published 28 January 2026, 2:53pm

Scope

Reference

DLSITT1093

Description

Located on the Harwell Science & Innovation Campus in Oxfordshire, Diamond Light Source (DLS) is a leading-edge facility for science, engineering and innovation. DLS allows researchers from academia and industry to investigate the structure and behaviour of the world around us at the atomic and molecular level. To continue delivering the world-changing science that Diamond enables, the facility is being upgraded to Diamond-II, a co-ordinated programme of development that combines a major machine upgrade with new instruments and complementary improvements to optics, detectors, sample environment and delivery capabilities, and computing, as well as integrated and correlative methods. This will be transformative in speed and spatial resolution and will offer users streamlined access to enhanced instruments for life and physical sciences.

The scope of this contract is to carry out the detailed design, manufacture, quality control, testing and delivery of 4 in-vacuum kicker magnets and power supplies. The main parts of

all four magnets will be identical with individual matching pieces for each magnet. One magnet is used for injection and requires a rapid return to zero field, the other three are used for extraction and require a rapid rise to nominal field which is also stronger than in the injection magnet. It is envisaged that these differences should be achieved in the power supplies i.e. there will be two different power supply types, which should use as many common components as possible

The DLS design envisages a common magnet structure and main vessel for all 4 kickers with bespoke taper/matching pieces for each location. Use of a common power supply design tuned for the two different requirements is desired but different designs would be considered with appropriate justification.

Further information can be found in the specification.

Total value (estimated)

- £1,200,000 excluding VAT
- £1,440,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 30 March 2026 to 30 October 2027
- 1 year, 7 months, 1 day

Main procurement category

Goods

CPV classifications

- 31630000 - Magnets

Contract locations

- UKJ14 - Oxfordshire
-

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Tender submission deadline

27 February 2026, 12:00pm

Submission address and any special instructions

Please email tender submission to:

<https://diamondtenders@diamond.ac.uk>

and send a hard copy to:

Diamond Procurement

Diamond House

Diamond Light Source Ltd

Harwell Science and Innovation Campus

Didcot

OXon

OX11 0DE

United Kingdom

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

16 March 2026

Award criteria

Name	Type	Weighting
Price	Price	40%
Technical Quality	Quality	30%
Experience and Capacity	Quality	15%
Delivery	Quality	10%
Commercial	Quality	5%

Other information

Applicable trade agreements

- Government Procurement Agreement (GPA)

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Documents

Technical specifications to be met

<https://tenders.diamond.ac.uk>

Visit our web page:

<https://tenders.diamond.ac.uk>

Here suppliers are required to complete a one-off simple registration form. You are then

able to login to register an interest against the tender and download the Tender Documents.

Contracting authority

DIAMOND LIGHT SOURCE LIMITED

- Companies House: 04375679
- Public Procurement Organisation Number: PNGG-3778-PWBM

Diamond House

Didcot

OX11 0DE

United Kingdom

Email: procurement@diamond.ac.uk

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government