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Award

DLSITT1062 - Double Toroidal Focussing Mirror System (M2) for Beamline K18

DIAMOND LIGHT SOURCE LIMITED

UK6: Contract award notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-004434

Procurement identifier (OCID): ocids-h6vhtk-05d42b ([view related notices](#))

Published 19 January 2026, 3:22pm

Scope

Reference

9003543

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 the contract is for the design, supply of material, manufacture, assembly, test, delivery, installation and commissioning of a Double Toroidal Focussing Mirror System for the K18 beamline.

The minimum scope of the contract is the design, manufacture, test, and delivery of:

- M2 downward deflecting, tangentially bent, double toroidal focusing, monochromatic Xray beam mirror & mechanics.
- Motorized elliptical 4-point mechanical bender to adjust tangential curvature of the mirror reflecting surface.
- Motorized gravitational sag compensator(s).
- Temperature monitoring
- Temperature stabilisation if required
- Vacuum vessel and associated controls.
- Support frame
- Interface to beamline services.

and includes the following:

- Design
- Contract Terms and Conditions
- Supply and purchasing of materials and components.
- Quality Assurance
- Manufacture of mirror system
- Inspection
- Cleaning
- Assembly
- Vacuum baking

- Testing
- Packing and Delivery

Contract 1. 9003543 - Double Toroidal Focussing Mirror System (M2) for Beamline K18

Supplier

- INSTRUMENT DESIGN TECHNOLOGY LIMITED

Contract value

- £434,000 excluding VAT
- £520,800 including VAT

Above the relevant threshold

Award decision date

19 January 2026

Date assessment summaries were sent to tenderers

19 January 2026

Standstill period

- End: 28 January 2026
- 8 working days

Earliest date the contract will be signed

30 January 2026

Contract dates (estimated)

- 30 January 2026 to 30 June 2027
- 1 year, 5 months, 2 days

Main procurement category

Goods

CPV classifications

- 38622000 - Mirrors

Contract locations

- UKJ14 - Oxfordshire

Information about tenders

- 2 tenders received
- 2 tenders assessed in the final stage:
 - 2 submitted by small and medium-sized enterprises (SME)
 - 0 submitted by voluntary, community and social enterprises (VCSE)
- 1 supplier awarded contracts
- 1 supplier unsuccessful (details included for contracts over £5 million)

Procedure

Procedure type

Open procedure

Supplier

INSTRUMENT DESIGN TECHNOLOGY LIMITED

- Companies House: 03950882
- Public Procurement Organisation Number: PXXJ-4619-ZMQW

Unit 2 Turnstone Business Park

Widnes

WA8 0WN

United Kingdom

Email: ford@idtnet.co.uk

Website: <http://www.idtnet.co.uk>

Region: UKD71 - East Merseyside

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. 9003543 - Double Toroidal Focussing Mirror System (M2) for Beamline K18

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