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Contract

90035432 - Supply of Double Toroidal Focussing Mirror System(M2) for Beamline K18

DIAMOND LIGHT SOURCE LIMITED

UK7: Contract details notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-013089

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

Published 12 February 2026, 3:59pm

Scope

Reference

90035432

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 - Supply of 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

Date signed

2 February 2026

Contract dates

- 2 February 2026 to 30 September 2027

- 1 year, 7 months, 27 days

Main procurement category

Goods

CPV classifications

- 38622000 - Mirrors

Contract locations

- UKJ14 - Oxfordshire

Justification for not setting key performance indicators

Contract Value is below £5 million.

Other information

Applicable trade agreements

- Government Procurement Agreement (GPA)

Conflicts assessment prepared/revised

Yes

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 - Supply of 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