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Contract

9002558 - Supply of I17 Front End for Diamond-II

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2025/S 000-064157

Procurement identifier (OCID): ocds-h6vhtk-056857 ([view related notices](#))

Published 10 October 2025, 12:46pm

Scope

Reference

9002558

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 to design, manufacture, supply, test and deliver one Front end for the I17 beamline in Diamond-II.

The term 'Front End' refers to the section of the synchrotron that runs between the stoage ring and the shield wall. The front end conditions the beam in preparation for use on the beamline.

The Front End will be located in a restricted area so it must be capable of continuous operation over long periods without maintenance. The support frames must be rigid construction and constructed so that they minimise the effects of ground vibrations. The support frames must be supported from the floor with 3 manually adjustable feet to allow them to be accurately surveyed into position.

The Front End will be procured as a single turnkey unit, subject to the performance specification. The system comprises:

1. One complete Front End
2. All cabling, cable management features & connections to
junction boxes & bulkheads located on the Front Ends
3. One lifting frame
4. Bake out equipment
5. Sufficient spare parts to guarantee system operation with
minimum down-time for a period of at least two years from the
date of final acceptance.

Contract 1. 9002558 - Supply of I17 Front End for Diamond-II

Supplier

- FMB Feinwerk- und Messtechnik GmbH

Contract value

- 449700.00 EUR excluding VAT
- 539640.00 EUR including VAT

Above the relevant threshold

Date signed

1 October 2025

Contract dates

- 1 October 2025 to 31 May 2027
- 1 year, 8 months

Main procurement category

Goods

CPV classifications

- 42990000 - Miscellaneous special-purpose machinery

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

FMB Feinwerk- und Messtechnik GmbH

- Public Procurement Organisation Number: PZDR-3926-RMNV

Friedrich-Woehler-Str. 2

Berlin

12489

Germany

Email: sales@fmb-berlin.de

Website: <http://www.fmb-berlin.de>

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

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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