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Contract

CSP25710 - FF DMI Connectors Cryogenic optical fibers upgrade for QC-SOAR

UK Research and Innovation

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

Notice identifier: 2025/S 000-084770

Procurement identifier (OCID): ocds-h6vhtk-05fa11

Published 19 December 2025, 10:50am

Scope

Reference

CSP25710

Description

***** THIS IS A CONTRACT DETAILS NOTICE, NOT A CALL FOR COMPETITION *****

This procurement is being concluded without competition due to an absence of competition for technical reasons, only a particular supplier can supply the goods, services or works required.

Brief Description of Requirement

The QC-SOAR project aims to demonstrate optical readout of superconducting multi-qubit systems, using the transducer technology from the company QphoX. The experimental demonstration for this project is taking place at the National Quantum Computing Centre (NQCC), in one of the dilution refrigerators from the Superconducting Circuits team. In line

with the projects plan, the NQCC needs to upgrade the cryogenic setup in the dilution refrigerator to include the optical fibers required to perform the experiments.

This contract is for the upgrade of the NQCC's dilution refrigerator to include optical fibers to satisfy the requirements for the QC-SOAR project. The optical fibers upgrade will consist of two identical 6 channels, i.e., 6 optical fibers, assemblies mounted on a KF50 port each. The assemblies will include the fibers (SMF28) and the KF50 vacuum feedthroughs to integrate with the dilution refrigerator. The length of the fibers is defined to ease the integration with the system, and will include FC/APC low-insertion-loss connectors in the atmospheric pressure side and Diamond Micro Interface (DMI) connectors in the vacuum side.

Contract 1

Supplier

- Diamond SA

Contract value

- 15996 CHF excluding VAT
- 15996 CHF including VAT

Below the relevant threshold

Date signed

15 December 2025

Contract dates

- 18 December 2025 to 23 December 2025
- 6 days

Main procurement category

Goods

CPV classifications

- 32560000 - Fibre-optic materials

Contract locations

- UK - United Kingdom

Procedure

Procedure type

Below threshold - without competition

Supplier

Diamond SA

Via Dei Patrizi 5

Losone

6616

Switzerland

Email: sales@diamond-fo.com

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Contract 1

Contracting authority

UK Research and Innovation

- Public Procurement Organisation Number: PDQJ-7126-JDHG

Polaris House, North Star Avenue

Swindon

SN2 1FL

United Kingdom

Email: commercial@ukri.org

Region: UKK14 - Swindon

Organisation type: Public authority - central government

Other organisation

These organisations are carrying out the procurement, or part of it, on behalf of the contracting authorities.

UK Shared Business Services Ltd

Summary of their role in this procurement: Shared Service Provider

- Public Procurement Organisation Number: PMPN-7535-GNTG

Polaris House, North Star Avenue

Swindon

SN2 1FF

United Kingdom

Email: CoreServices@uksbs.co.uk

Region: UKK14 - Swindon

Contact organisation

Contact UK Shared Business Services Ltd for any enquiries.