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Tender

Invitation To Tender - Dilution Refrigerator

National Physical Laboratory

F02: Contract notice

Notice identifier: 2021/S 000-028866

Procurement identifier (OCID): ocds-h6vhtk-02f831

Published 18 November 2021, 10:45pm

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

bronwyn.glossop@npl.co.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://www.npl.co.uk/>

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://lupc.bravosolution.co.uk/web/login.shtml>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://lupc.bravosolution.co.uk/web/login.shtml>

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Other type

National Measurement Institute

I.5) Main activity

Other activity

National Measurement Institute

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Invitation To Tender - Dilution Refrigerator

Reference number

126388

II.1.2) Main CPV code

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.1.3) Type of contract

Supplies

II.1.4) Short description

The National Physical Laboratory [NPL] requirement is for a cryogenic measurement platform for the purposes of quantum devices testing. Devices under test will typically be semiconductor or superconductor nanodevices, for instance functioning as prototype quantum bits, quantum sensors, or quantum electrical standards.

The required temperatures and continuous run time required dictate that this must be a 'dry' dilution fridge system with base temperature