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Planning

## **PIN: Cryo Free JJ Volt System**

National Physical Laboratory

F01: Prior information notice

Reducing time limits for receipt of tenders

Notice identifier: 2024/S 000-019151

Procurement identifier (OCID): ocids-h6vhtk-0471c6

Published 21 June 2024, 11:37am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

#### **Email**

[nina.heath@npl.co.uk](mailto:nina.heath@npl.co.uk)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

#### **Internet address(es)**

Main address

[www.npl.co.uk](http://www.npl.co.uk)

### **I.3) Communication**

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/>

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

### **I.4) Type of the contracting authority**

Body governed by public law

### **I.5) Main activity**

Other activity

Research

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

PIN: Cryo Free JJ Volt System

#### **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**

This is a Prior Information Notice for a Cryo Free JJ Volt System procurement.

The National Physical Laboratory requires a Cryo Free JJ Volt System.

#### **II.1.5) Estimated total value**

Value excluding VAT: £350,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

Main site or place of performance

Teddington, UK

#### **II.2.4) Description of the procurement**

This is a Prior Information Notice for a Cryo Free JJ Volt System procurement.

The National Physical Laboratory requires a Cryo Free JJ Volt System.

Requirements overview: A complete primary voltage calibration system built around a Josephson array quantum standard with liquid cryogen-free cooling. The system should be capable of providing SI traceable DC voltages up to 10 V, to uncertainties of order 10 nV/V. The capability to generate AC voltages up to a few kHz is also desirable. No liquid helium should be required for either cool-down or routine operation, and the system should be designed for continuous operation for periods of at least 6 months.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £350,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

12

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

#### **II.3) Estimated date of publication of contract notice**

9 September 2024

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

NPL Management

Hampton Road

Teddington

TW11 0LW

Country

United Kingdom