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Planning

## **Laboratory building construction work (Building 47) for the National Physical Laboratory**

National Physical Laboratory

F01: Prior information notice

Reducing time limits for receipt of tenders

Notice identifier: 2024/S 000-040253

Procurement identifier (OCID): ocids-h6vhtk-04c7e4

Published 13 December 2024, 1:09pm

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

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

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

#### **Contact**

Gary Phillips

#### **Email**

[gary.phillips@npl.co.uk](mailto:gary.phillips@npl.co.uk)

#### **Telephone**

+44 2089773222

**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/web/login.shtml>

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**

Laboratory building construction work (Building 47) for the National Physical Laboratory

#### **II.1.2) Main CPV code**

- 45210000 - Building construction work

#### **II.1.3) Type of contract**

Works

#### **II.1.4) Short description**

The National Physical Laboratory (NPL) provides world-leading measurement science, engineering, and technology to underpin prosperity and quality of life.

The proposed project is to deliver the refurbishment and change of use works to B47 to facilitate the implementation of the new Van de Graaff accelerator. Modernise and enhance the performance of these facilities to provide the best possible conditions for the science and research to be completed.

This will be a new neutron measurement facility that will play a critical role in the safe and secure operation and continued development of the UK's nuclear energy, defense, and fusion research sectors.

Following a review in 2023 the UK government outlined plans for a new series of nuclear reactors in a bid to boost UK energy security and reduce dependence on fossil fuels. As well as a roadmap that sets out how the UK will increase nuclear generation by up to 4 times by 2050, announced on 11 January 2024.

The facility consists of a new particle accelerator and is one of only a few known facilities worldwide that offers precision traceable neutron standards.

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

Value excluding VAT: £5,000,000

#### **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

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

The National Physical Laboratory (NPL) provides world-leading measurement science, engineering, and technology to underpin prosperity and quality of life.

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Procurement Route - Design and Build

Tender Strategy - 'Open Procedure' Single Stage Tender

Design Stage - Stage 4

Form of Contract – JCT Design and Build, 2024

The successful Contractor will be responsible for designing and building a c.1,388m<sup>2</sup> refurbishment facility for NPL in their Building 47.

1) General building outline: Refurbishment of a lab facility, c. 1,388m<sup>2</sup>, mainly across three floors, with smaller refurbishment to a further three floors and the roof. The major works entail's refurbishment to the accelerator room, accelerator control room and main lab area, with new MEP throughout and further enhancement to the remainder of the building.

2) The building will be constructed within the existing NPL site.

3) Achieve Part L - 2, target for Net Zero Carbon (NZC).

The design of the facility will include BREEAM: Very Good, net-zero carbon and equity, diversity and inclusion (EDI). The project team have developed the RIBA stage 4 design in accordance with the end-user requirements.

The project team that developed the RIBA Stage 4 design in conjunction with the end-user requirements were as follows.

- Project Manager – Turner and Townsend Project Management
- Cost Manager - Turner and Townsend
- Architect – Architon
- MEP – Walmsley Associates
- Structural – Nesta

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

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

#### **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**

16 December 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 Limited

Hampton Road

Teddington

TW11 0LW

Country

United Kingdom