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Planning

## **Construction of small bore trenchless ducts for fibre optic communications cabling**

National Physical Laboratory

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-027210

Procurement identifier (OCID): ocds-h6vhtk-036c39

Published 28 September 2022, 3:38pm

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

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

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

#### **Contact**

Mandy Morgan

#### **Email**

[mandy.morgan@npl.co.uk](mailto:mandy.morgan@npl.co.uk)

#### **Telephone**

+44 2089436731

**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

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

Body governed by public law

**I.5) Main activity**

General public services

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## **Section II: Object**

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

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

Construction of small bore trenchless ducts for fibre optic communications cabling

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

- 45000000 - Construction work

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

Works

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

The National Physical Laboratory (NPL) in Teddington wishes to engage with the supply chain who design and construct small bore underground ducts.

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

Value excluding VAT: £5,300,000

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

This contract is divided into lots: No

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

#### **II.2.2) Additional CPV code(s)**

- 45200000 - Works for complete or part construction and civil engineering work

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

NUTS codes

- UK - United Kingdom

Main site or place of performance

National Physical Laboratory, Teddington, Middlesex

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

NPL needs to link the two side of its Teddington site with high spec fibre optic cables. It is envisaged that horizontal directional drilling or micro tunnelling technologies will be employed, though NPL is open to other compliant proposals. To ensure future resilience 4 parallel ducts are required and due to the congested nature of the site a maximum of 4 access chambers/pits can be accommodated over the 800m run. A consistent temperature must be maintained within the ducts. The contract will be let on a design and build basis, using an NEC4 form of contract. During the design phase the contractor will coordinate with the cabling contractor providing the fibre optic cables to ensure the design of the duct and access chambers/pits complies with the acceptable bend radius on the cables and with any other specific cabling requirements.

#### **II.2.14) Additional information**

The National Physical Laboratory (NPL) is looking to conduct pre-tender market engagement to understand any contractual considerations that will encourage participation. Interested contractors are invited to join a Teams call on Wednesday 5th October 2022 at 2pm. Please secure your place by e-mailing Nick Etherton ([nick.etherton@turntown.co.uk](mailto:nick.etherton@turntown.co.uk)) no later than 16:00 on Friday 30th September 2022

Not

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

28 September 2022

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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