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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 000-023828
Procurement identifier (OCID): ocds-h6vhtk-036305
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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

Telephone

+44 2089773222

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

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

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.3) Estimated date of publication of contract notice

25 August 2022

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