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Planning

Suppy of 50kv X-ray Replacement System

National Physical Laboratory

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-009207

Procurement identifier (OCID): ocds-h6vhtk-02ab68

Published 28 April 2021, 10:55pm

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

nina.heath@npl.co.uk

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

Supply of 50kv X-ray Replacement 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

NPL plans to procure a 50kv X-ray Replacement System. Overview of the system required is as below:

A two X-ray tube system using Industrial-type X-ray tubes which are suitable for continuous operation with an associated generator and controller (with a possible standalone water cooler for the X-ray tubes):

Tube 1. 50kV Tungsten Target Tube, earthed anode, 20-degree angle, 1mm Beryllium window.

Tube 2. 50kV Molybdenum Target Tube, earthed anode, 20-degree angle, 1mm Beryllium window.

Generator / controller minimum requirement: 5-55kV with 0.01kV resolution, mA resolution 0.01mA, at least 3kW, low ripple (less than 20V/mA), ideally controllable via communication protocols in preference: GPIB, ethernet, serial, USB.

II.1.5) Estimated total value

Value excluding VAT: £150,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

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

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

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II.3) Estimated date of publication of contract notice

12 July 2021

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

