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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

Suppy 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