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Planning

UKHSA_Scientific- Provision of an X-Ray Irradiator

Secretary of State for Health and Social Care acting as part of the Crown through UK Health Security Agency

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-029246

Procurement identifier (OCID): ocds-h6vhtk-049a57

Published 12 September 2024, 1:42pm

Section I: Contracting authority

I.1) Name and addresses

Secretary of State for Health and Social Care acting as part of the Crown through UK Health Security Agency

10 South Colonnade

London

E14 4PU

Contact

Commercial Operations

Email

science.tendering@ukhsa.gov.uk

Country

United Kingdom

Region code

UKI42 - Tower Hamlets

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/uk-health-security-agency>

Buyer's address

<https://www.gov.uk/government/organisations/uk-health-security-agency>

I.3) Communication

Additional information can be obtained from the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://health-family.force.com/s/Welcome>

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

Health

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UKHSA_Scientific- Provision of an X-Ray Irradiator

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

UKHSA is seeking to appoint a provider for the provision of an X-Ray Irradiator and supporting services. The irradiator is required for the Diagnostic, Pathogenesis and Characterisation division at Porton.

II.1.5) Estimated total value

Value excluding VAT: £250,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKK15 - Wiltshire CC

Main site or place of performance

UKHSA Porton Site

II.2.4) Description of the procurement

Request for Information (RFI) – Procurement of an X-Ray Irradiator for the UKHSA (United Kingdom Health Security Agency).

This RFI is for information-gathering purposes and does not constitute a commitment, implied or otherwise, that the UKHSA will take procurement action in this matter. Further, the UKHSA will not be responsible for any costs incurred in the preparation and submission of the response.

UKHSA is seeking to appoint a provider for the provision of an X-Ray Irradiator and supporting services. The irradiator is required for the Diagnostic, Pathogenesis and Characterisation division at Porton.

The X-ray irradiator service at Porton is the sole UK Sovereign Capability for high

containment pathogen inactivation. This service provides irradiated pathogens to research establishments, other UK government facilities and associated healthcare-based settings, this is vital to both research and outbreak response across the UK. An irradiator is required as a backup for the existing irradiators, both for contingency and to increase output.

The x-ray irradiator must meet the following mandatory technical requirements:

- Must be a self-contained x-ray irradiator
- Must have external dimensions no greater than H2000mmxW1100mmxD1000mm
- Must have single phase power
- Must be an off the shelf design with known performance, not a bespoke or developmental design.
- Must be capable of delivering high dose x-ray to achieve required throughput of pathogen inactivation (above 100 Gy/minute required as some pathogens take up to 35 kGy to inactivate).
- Must have durability/longevity worked into system design.
- Must have capacity for introduction of external probes, cameras etc.
- Must have capacity for sample rotation to allow for sample mixing and homogeneity of irradiation dose
- Must have programmable exposure time
- Must have variable x-ray filtration options
- Must have programmable shelf height/x-ray beam irradiation area
- Must be repairable/have capacity to replace X-ray tubes
- The shelf used for irradiation must be capable of supporting 4.5 kg minimum.

The supplier must comply with ISO9001 (Quality Management) and ISO 2230 (Business Continuity) standards throughout the contract term. Additionally, adherence to relevant health and safety guidelines to prevent injury is required.

If you have a solution which can meet the above requirements, please contact Science.Tendering@ukhsa.gov.uk Subject: X-Ray Irradiator. The deadline for responses is 27/09/2024 12:00pm.

II.3) Estimated date of publication of contract notice

2 December 2024

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: No