

Attachment 3 – Statement of Requirements (Specification)

STATEMENT OF REQUIREMENT – CONSULTANT RADIOLOGIST FOR TB SCREENING

INTRODUCTION

The United Kingdom Health Security Agency (UKHSA) was established on the 1 October 2021 and is an Executive Agency to the DHSC (Department of Health & Social Care).

The remit of UKHSA is wide and includes:

- Support everyone to live healthy lives less impacted by hazards to their health and with more equal outcomes.
- Protect our society, public services, and economy by reducing the risk and impact of hazards to health.
- Ensure we can respond to current and emerging threats through a strong, capable, prepared, and responsive public health system.

Strengthen future capability and excellence in health security, nationally and globally.

BACKGROUND TO REQUIREMENT

This contract is required to enable the effective quality assurance of the process carried out at the clinics overseas. We need to be assured that the quality of the TB screening assessments meets the required standards, so we can be confident that the process is being accurately and correctly applied.

Consultant Radiologist provision is required for the supervision of the radiological component of the quality assurance service for the UK pre-entry TB screening project.

10% of the screening Xrays undertaken at overseas clinics will need to be re-read to assess the quality of the diagnosis. This will be undertaken by Port Health Doctors based at Heathrow. These Doctors will require specialist Radiological training and support to enable them to carry out these checks, and ongoing support from an expert provider.

We will also require a percentage check of these to be carried out by the Radiology provider as an additional layer of assurance.

SCOPE OF REQUIREMENTS

- Provide advice to port medical officers based at Heathrow relating to the accuracy of chest xrays
- Deliver a number of training sessions covering reading Chest Xrays to accurately assess TB
- Re read a percentage of CXRs (Chest X rays) to quality assure the initial assessments
- Feedback results to the Heathrow Control Unit

REQUIREMENT

Technical Development

- Connection between provider and UKHSA (United Kingdom Health Security Agency) for medical images and reports to be synchronized for auditing.
- Liaise between provider and UKHSA technical teams to understand system requirements, project setup and debugging.
- Communication protocols setup, UX and UI implementation, testing and quality assurance.
- Creation of Auditing parametres by expert thoracic consultant radiologist with experience in setup of medical images auditing systems.
- CXR (Chest X rays) auditing
- Delivery of specialist radiology training to Port medical officers
- Ongoing support / expert advice to port medical officers

KEY MILESTONES

The Potential Provider should note the following project milestones that the Authority will measure the quality of delivery against:

Milestone	Description	Timeframe
1	Startup meeting with Heathrow unit	Within 1 week of contract award
2	Delivery of first training session	Within 1 week of contract award
3	Engagement with IT user research team	Within 2 weeks of contract award
4	Set up technical links with IT system	Within 1 month of contract award (dependant on another provider)
5	Start Conducting X Ray Assurance checks	Within 1 month of contract award (dependant on another provider)
6	Delivery of subsequent training sessions	Within 4 weeks of request received

VOLUMES

We anticipate that the Port Medical officers at Heathrow will be quality assuring approximately 40,000 chest Xray's per year.

The number to be re assessed by the required provider is likely to be between 4,000 and 6,500 per year.

These figures are based on a percentage of the total screening assessments carried out at the approved overseas clinics, but if the quality of the initial diagnosis appears to be low, we may need to increase the percentage of cases checked. This will be regularly reviewed.

In 2020 (the latest year for which full data is available) 340,623 screening episodes took place; and 385 people with TB were detected.

The current PETS (Pre-Entry TB Screening) programme estimates that screening volumes could be as high as 400,000 applicants per year.

PAYMENT

All invoices must be sent, quoting a valid purchase order number (PO Number), to:
payables@ukhsa.gov.uk

Accounts Payable;

UK Health Security Agency,

Manor Farm Road,

Porton Down,

Salisbury,

SP4 0JG

UKHSA VAT No: GB888851648

If you have a query regarding an outstanding payment please contact our Accounts Payable section either by email to

payables@ukhsa.gov.uk

or by telephone

Contact number for all invoice related queries: 0303 123 1177. Please select Option 5, and then Option 1

between 09:00-17:00 Monday to Friday.

PROCUREMENT AND CONTRACTING

Following the procurement and selection of a successful supplier, the UKHSA will negotiate and sign a contract under UKHSA Terms and Conditions. The initial contract will be for 1 year with the opportunity for 12-month extensions for up to 5 years subject to approvals.