

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/007019-2023>

Planning

## **HSG\_Radiological and Nuclear Borders Portable Detection Capabilities**

Home Office

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-007019

Procurement identifier (OCID): ocds-h6vhtk-03b1b2

Published 10 March 2023, 10:44am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Home Office

London

#### **Email**

[HomeOfficeRNProcurement@homeoffice.gov.uk](mailto:HomeOfficeRNProcurement@homeoffice.gov.uk)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

#### **Internet address(es)**

Main address

<https://www.gov.uk/government/organisations/home-office>

### **I.3) Communication**

Additional information can be obtained from the above-mentioned address

### **I.4) Type of the contracting authority**

Ministry or any other national or federal authority

### **I.5) Main activity**

Public order and safety

---

## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

HSG\_Radiological and Nuclear Borders Portable Detection Capabilities

#### **II.1.2) Main CPV code**

- 38341000 - Apparatus for measuring radiation

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

The Home Office intends to commence early market engagement, seeking insight from potential suppliers of Radiological & Nuclear (RN) Detection Equipment and Services. This builds on the market engagement undertaken by the Home Office last year and will focus on the deployment of highly mobile RN search and detection capabilities at border points that cater for non-scheduled, largely non-commercial aircraft and vessels. These are referred to as General Aviation (GA) and General Maritime (GM) e.g., light aircraft airfields, marinas and at sea capabilities.

Please note that this is not a call for competition, neither is it a procurement exercise. It is an opportunity for the Home Office to understand the ability of the market to provide portable RN detection equipment for Border Force or Police, which can be used to provide

screening in the General Aviation and General Maritime environments. The aim being for us to continue to enhance UK RN capabilities and coverage in these areas.

### **II.1.6) Information about lots**

This contract is divided into lots: No

## **II.2) Description**

### **II.2.2) Additional CPV code(s)**

- 35000000 - Security, fire-fighting, police and defence equipment
- 35120000 - Surveillance and security systems and devices
- 35121000 - Security equipment
- 38430000 - Detection and analysis apparatus
- 38580000 - Non-medical equipment based on the use of radiations
- 38581000 - Baggage-scanning equipment
- 38940000 - Nuclear evaluation instruments
- 48210000 - Networking software package
- 50100000 - Repair, maintenance and associated services of vehicles and related equipment
- 50600000 - Repair and maintenance services of security and defence materials
- 51100000 - Installation services of electrical and mechanical equipment
- 72212211 - Platform interconnectivity software development services
- 73421000 - Development of security equipment
- 75222000 - Civil defence services
- 90721600 - Radiation protection services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

The Authority is primarily interested in understanding the latest capabilities and technologies in RN detection, identification, and measurement for small to medium detectors that can be operated as:

1. Hands-free portable detectors for gamma and neutron detection, which allows officers to screen for RN sources incidental to their day-to-day role.
2. Medium sized hands-free detectors that are portable by one person into confined spaces (e.g. backpack, holster, wearables) when more sensitive detection is required, or a small detector alarm requires a confirmatory secondary examination.
3. Gamma and neutron detectors that can be deployed by one person to screen passing people and baggage. These devices should be capable of being deployed and operational shortly after arrival at site and be readily stowed away shortly thereafter. A fixed power supply cannot be expected.

[Note 2 and 3 could well be served by one piece of equipment]

The detection equipment must be able to differentiate between different radiation types, conduct isotopic identification including Special Nuclear Materials, and offer NORM suppression where relevant. It is recognised that some specification flexibility might be necessary for the smallest detectors on current technologies.

Additionally, the equipment should, where appropriate, provide a local user interface and in all cases must transfer data to a server for remote adjudication of alerts and provide location data for effective centralised command and control of operations.

Interested potential suppliers should visit the Home Office's eSourcing portal (Jaggaer) at <https://homeoffice.app.jaggaer.com> and look for: "pqq\_349 - 01 NDA Early Market Engagement for RN Borders Portable Detection". An early market engagement document will be accessible to suppliers following the completion of a Non-Disclosure Agreement (NDA).

We are provisionally intending to hold individual 1-1 supplier engagement sessions commencing at the end of April to early May 2023.

#### **II.2.14) Additional information**

For technical assistance on use of the eSourcing Portal please contact the JAGGAER Supplier Helpdesk at [customersupport@jaggaer.com](mailto:customersupport@jaggaer.com) or 0800 069 8630 (0800 - 1800hrs).

#### **II.3) Estimated date of publication of contract notice**

1 September 2023

---

## **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