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Planning

## **UKAEA - RAI Co - Laser Ablation Technologies for Robotic Decommissioning Applications**

United Kingdom Atomic Energy Authority

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-005370

Procurement identifier (OCID): ocids-h6vhtk-03a7a6

Published 22 February 2023, 7:24pm

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

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

United Kingdom Atomic Energy Authority

Culham Science Centre

Abingdon

OX14 3DB

#### **Contact**

Phil Perkins

#### **Email**

[phil.perkins@ukaea.uk](mailto:phil.perkins@ukaea.uk)

#### **Telephone**

+44 1235467147

**Country**

United Kingdom

**Region code**

UK - United Kingdom

**National registration number**

N/A

**Internet address(es)**

Main address

<http://www.gov.uk/government/organisations/uk-atomic-energy-authority>

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/72814>

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

[https://uk.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=60632&B=UKAEA](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=60632&B=UKAEA)

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**

Other activity

Fusion Research

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## **Section II: Object**

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

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

UKAEA - RAICo - Laser Ablation Technologies for Robotic Decommissioning Applications

Reference number

T/PJP021/23

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

- 38636110 - Industrial lasers

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

Supplies

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

Decontamination is one of the RAICo programme's main themes and it is aiming at developing tools for fission decommissioning and fusion engineering applications. The tools shall meet a range of sizes and requirements but focusing on smaller tools than have been previously developed making them suitable for remote handling.

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

This contract is divided into lots: No

### **II.2) Description**

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

- 38636100 - Lasers

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

NUTS codes

- UK - United Kingdom

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

The Robotics and Artificial Intelligence Collaboration (RAICo®) programme is a

collaboration between UKAEA, UKNDA, Sellafield and Manchester University and includes an initial 3-year programme of technology development. The programme is focused on delivering and proving underlying robotics and artificial intelligence technologies that are required for effective decommissioning, as well as providing deployment opportunities to have maximum operational impact.

Using robotics and AI in hazardous nuclear decommissioning environments will provide the step-change in capabilities needed to move towards a cheaper, faster, and less hazardous set of next generation decommissioning activities.

The programme is managed by UKAEA's Remote Applications in Challenging Environments ("RACE") facility.

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

26 June 2023

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## **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